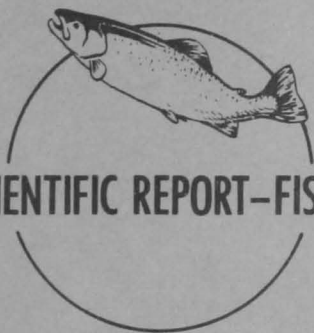


# TOXICITY OF 4,346 CHEMICALS TO LARVAL LAMPREYS AND FISHES



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United States Department of the Interior, Fred A. Seaton, Secretary  
Fish and Wildlife Service

TOXICITY OF 4,346 CHEMICALS TO LARVAL  
LAMPREYS AND FISHES

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# TOXICITY OF 4,346 CHEMICALS TO LARVAL LAMPREYS AND FISHES

## INTRODUCTION

The problem of controlling the sea lamprey in the upper Great Lakes has received considerable attention in recent years and requires no review here (Applegate and Moffett, 1955). Electromechanical weirs and traps and electrical barriers have been developed which can be successfully employed to block and/or destroy spawning runs of adult sea lampreys. These devices, when installed in all known spawning streams, provide an effective method of reducing the numbers of sea lampreys in each lake basin. Initial efforts at control of the lamprey have employed these devices (Applegate, Smith, and Nielsen, 1952; Erkkila, Smith, and McLain, 1956).

Unfortunately, however, a sea lamprey control program based on the prevention of spawning will not show results for seven or more years. At least six generations of larvae, spawned previous to the "blockade" of the streams, must grow, transform, migrate to the lakes, and prey on fish before the "blockade" is effective. Such a delay may prove disastrous in Lake Superior where there is evidence that lamprey predation will cause the collapse of the lake trout fishery, as has occurred in Lakes Huron and Michigan, before weir control measures can become effective.

In view of these facts the principal problem is now one of developing techniques for attacking the sea lamprey which will produce more immediate control of the species. If we could destroy the larvae in the streams we might reduce substantially the parasitic populations in the lakes in less than two years. The introduction of natural enemies has been considered but invariably there is a great risk that "the cure might be worse than the disease". A more direct attack is provided by the use of either indiscriminate or selective poisons. Indiscriminate poisons, which would kill all fish-life in a stream, are undesirable since most streams infected with sea lamprey larvae also contain populations of important game and food fishes.

The major objective of this investigation was, therefore, to locate chemicals which would be acutely toxic to larval sea lampreys at extremely low concentrations and which, at the same concentrations, would be non-toxic to other fishes inhabiting the same natural environments.

The initial step in achieving this objective was a preliminary screening of a large and diverse series of predominantly organic chemical substances. Test procedures in this program were designed only to disclose toxicity at low levels in short periods.

The screening tests revealed some compounds which, at particular concentrations, were more toxic to lamprey larvae than to fishes; others appeared toxic only to the larvae. Among these substances, only two were found to be sufficiently toxic and specific in their action at low concentrations to meet the requirements and objectives of our program. Preliminary data for these two compounds and subsequent studies conducted to determine their usefulness as specific sea lamprey larvicides are not included here; they will be discussed in separate reports. The present report includes all other information obtained in the screening program on the apparent toxic effects of 4,346 compounds among larval lampreys and two species of fishes. These data are summarized here for the use that may be made of them by industrial chemists, toxicologists, physiologists, fishery scientists, and others.

## PRELIMINARY SCREENING METHODS

All compounds were tested at an initial concentration of 5 p. p. m. Tests were conducted for a 4-hour period at a water temperature of 55 deg. F.

Observations on the toxic effect of compounds were made on larvae of the sea lamprey (Petromyzon marinus) and also on rainbow trout (Salmo gairdnerii) and bluegill sunfish (Lepomis macrochirus). Larval lampreys varied from 3 to 5 inches in total length. Test fishes were of fingerling size, 4 inches or slightly less in length; every effort was made to keep size variation at a minimum. Larval lampreys were collected by means of an electric shocker in the Ocqueoc River, Presque Isle County, Michigan, and were held in running water in aquaria and small "races" under conditions which simulated their natural stream habitat. Test fishes were obtained from the stocks of local State and Federal fish hatcheries and were held in large raceways. These specimens were maintained in the best possible physical condition until used in the laboratory.

Generally, two specimens of each of the three species were used in each test. Due to periodic difficulties in obtaining supplies of bluegills and rainbow trout, some compounds were tested using lamprey larvae and only one of these fishes; others were tested using only the larvae. The aggregate test animals available, usually six in number, were placed together in a 10-liter glass battery jar containing 5 liters of water. These jars were provided with aeration through standard stone air-breakers (at near oxygen saturation, as determined by repeated tests) and were maintained at a constant temperature by immersion in specially-constructed constant temperature troughs. These troughs were modified from a design described by Lagler (1953). Water temperature was maintained within the limits of  $\pm 1.0$  deg. F. Four such constant temperature units were utilized, each having a capacity of thirteen 10-liter battery jars (Figure 1). Twelve of these test jars (each containing a substance being assayed) were included with one control jar in each trough. Fish and larvae in the control jar were exposed only to the water and physical conditions of the typical test container.

Water used in all tests was drawn from a supply pumped directly from Hammond Bay of Lake Huron. The suction line intake of this pumping system was located 250 feet offshore at a depth of about 9 feet. Water from this source was consistently clear and of a relatively uniform quality. During a typical year while tests were being conducted (November 1953 to December 1954), pH varied from 7.5 to 8.2, dissolved oxygen from 8.6 to 13.7 p. p. m., and free CO<sub>2</sub> from 5.0 to 9.0 p. p. m. Further data on the physical and chemical characteristics of northern Lake Huron water has been presented in a recent report by Ayers, Anderson, Chandler, and Lauff (1956).

Chemicals were weighed in calibrated weighing bottles to the nearest milligram on a Volland Speedigram balance. Solubility of each compound was then determined in water, acetone, and ethyl alcohol (absolute). Five cubic centimeters of the indicated solvent was added to each sample. Each concentrated mixture was next added to a predetermined volume of water (as required by actual weight of sample and desired concentration) and agitated with a Power-Stir to produce a more dilute solution. Emulsions or suspensions of insoluble compounds were made with the aid of a Waring blender. These prepared solutions, emulsions, or suspensions were added to the test containers in which the experimental animals had already been placed. The resultant volume in each test jar varied from 5800 to 6200 cc.

Knowledge of the degree of purity of many chemical samples was not available to us. All samples were therefore treated as "pure" preparations and the solutions at routine test concentrations were made accordingly. The specific content of some formulated materials was known while for others only

incomplete data were available. For the sake of uniformity, all formulated compounds were tested at the routine concentrations used without regard for the proportion of active ingredient(s) present in each.

The acetone or alcohol used frequently as a solvent exposed many test animals to concentrations as high as 5 parts per 1000 of these substances. Repeated experiments were performed in which larvae, trout, and bluegills were exposed to the maximum concentration of each solvent that could occur in any screening test. No adverse effect on any species was observed at any time.

Observations of each test were made approximately six times, at various intervals, during the 24-hour test period. At each observation, the condition of every test specimen was determined and recorded. Chronological histories were thus obtained of any symptoms of illness and the occurrence of death.

Any chemical killing the larval lampreys in eight hours or less at a concentration of 5.0 p. p. m. (regardless of the effects on other fishes) was tested further at levels of 1.0 and 0.1 p. p. m. Water temperature, test period, and procedures were identical with those described for the initial test at 5.0 p. p. m.



FIGURE 1. Constant temperature troughs utilized in the screening program. Concurrent tests of 48 different substances are shown in progress. Routine observations are being noted on the individual test record cards.

Due to the large number of chemicals available for screening, it was not possible to test the majority of them in duplicate, nor was it considered necessary to do so to fulfill the objectives of the program. Where ambiguous results were observed, tests were repeated until definitive results were obtained.

#### METHOD OF REPORTING SCREENING TEST DATA

An alphabetical list of 3,939 compounds, with the results obtained in preliminary screening tests of each substance, is presented in Table 1. An additional 407 compounds, identified by code numbers only, are listed with similar test data in Table 2.

Chemical nomenclature, as employed in Table 1, conforms to the Chemical Abstracts system. In many instances, related chemicals with entirely different names were received from different sources. For this reason, we felt it necessary to adhere to a uniform nomenclature system. The Chemical Abstracts system was adopted because its basis is readily available [See: Subject Index: "Introduction, with key and discussion of the naming of chemical compounds for indexing", Chemical Abstracts, Vol. 59 (1945), pp. 5867-5975].

In most cases, consultation of the Fourth Decennial Index or the annual index of a recent year of Chemical Abstracts will suggest the manner in which we have listed a particular class of compounds. Inverted names have been used for substituted compounds. The inverted portion either follows a comma after the parent name or receives a first order of indentation. The substituents are in alphabetical order. Other modifications of the compounds (salts, esters, commercial formulations, etc.) are either separated from the name by a semicolon or receive a second order of indentation.

In a few cases, a rational formula could not be constructed from the name given by the supplier. When attempts to resolve this difficulty failed, the name has been entered in the table as received. Materials of unknown or doubtful composition are listed by the name provided by the supplier. In some instances, trivial chemical names have inadvertently found their way into our list (nearly all of these are cross-referenced in the Chemical Abstracts subject indices).

A number of commercial chemical products were tested in the screening program. Where the chemical identity of these substances was not immediately available, they have been listed directly in Table 1 by trade name. Other products, whose identity was known to us, have been given primary listing by their proper chemical names. A cross-reference index is presented in Table 3 which will aid in locating the latter group of commercial compounds in Table 1.

For simplicity of tabular presentation, any toxic effects of compounds have been expressed in terms of the elapsed time of exposure required to produce some obvious pathological condition. Thus, the figures given in Tables 1 and 2 indicate the time in hours, fractions of hours, or minutes to cause death or obvious distress. Each time datum represents the average response of all test specimens of a particular species.

Private concerns, public agencies, and individuals that supplied the compounds tested have each been assigned an identifying number. For tabular convenience, these numerical designations have been utilized in Tables 1 and 2. They may be identified by reference to Table 4 which is a numerical list of sources. An alphabetical list of these sources with their identifying numbers will be found in Table 5.



## DISCUSSION

The screening test data presented in this report should be viewed only as indicative of the toxicity of the individual compounds. Our objective was limited to the identification of biologically active agents that would be selectively lethal to larval lampreys. Laboratory procedures did not permit the numerous test replications necessary for positive definition of the toxicity of each substance. For this reason, conventional toxicity ratings have not been computed.

Test results obtained with many compounds were undoubtedly influenced by the quality of the water used. It should be borne in mind that widely divergent results with any particular compound might be obtained were these tests to be repeated in waters possessing different chemical and physical properties. Repetition of tests utilizing hatchery strains of fishes, other than those employed by us, might also produce some variation in results.

Many similar substances were present in the large series of compounds which we tested. The aggregate data available for some groups of related chemical structures is considerable. These collective data may provide clues or suggestions to investigators who are interested in the nature of any biological activity which characterizes the members of a related group of substances.

Of particular interest is the rather marked specificity seemingly displayed by certain compounds. Among those tests where all three species were exposed, 264 of the substances were toxic to only one species at the levels of concentration and temperature employed (included in the preceding total are the two substances, omitted from this report, which merited extensive investigation as possible sea lamprey larvicides). Three hundred and thirty-three additional compounds were toxic to only two species while displaying no evident adverse effect upon the third. These observations are derived from the data recorded in Tables 1 and 2; no separate listing of these particular compounds has been prepared.

The nature of our objectives has permitted us to do little more than note the aforementioned evidences of specificity. Critical studies are required to evaluate the precise biological activity of each of these substances. Many of them may prove to be of little practical value in the light of such studies; others may demonstrate a useful selectivity that can find application in fish population control techniques. It is hoped that the necessary further research suggested by our findings will be undertaken.

## ACKNOWLEDGMENTS

Nearly all of the chemical samples tested by us were originally assembled for use in another investigation by the staff of the USFWS Microbiological Laboratory at Leetown, West Virginia. Shortly after the conclusion of their study, these samples were made available for our screening program. We are indebted to Dr. S. F. Snieszko, Director of the Microbiological Laboratory, and to Dr. Robert E. Lennon and Philip S. Parker for their cooperation and assistance in the transfer of sample materials, records, and related correspondence. We are also grateful for their advice and suggestions concerning screening program techniques.

The investigations conducted in both laboratories would have been impossible without the

outstanding cooperation displayed by the many private concerns, agencies, and persons who submitted compounds for testing. In the further use which we made of their samples in our study, we frequently required additional chemical data or supplemental supplies of many compounds. These were kindly provided by the contributors wherever it was possible for them to do so. We particularly appreciate their generosity in permitting the chemical identification of most of their materials in this report.

All rainbow trout and most of the bluegill sunfish fingerlings used in our tests were provided by the Fish Division of the Michigan Conservation Department. Over 40,000 of these fishes were delivered by the Department to our laboratory in small, periodic consignments. Mr. M. J. DeBoer, Supervisor of Hatchery Operations for the Fish Division, was largely responsible for coordinating delivery of the fish. His assistance, and that of other hatchery personnel of the Department, is gratefully acknowledged.

In addition to these specimens, one consignment of bluegill sunfish fingerlings was received by us from the Rochester (Indiana) Fish Cultural Station of the Fish and Wildlife Service.

Dr. James W. Moffett, Chief of the Service's Great Lakes Fishery Investigations, participated in the planning of the investigation and contributed much administrative assistance which expedited our work. Mr. John F. LesVeaux of the Research Department of the Niagara Chemical Division, Food Machinery and Chemical Corporation, provided valuable technical advice, consolation, and suggestions concerning methods of reporting our data.

During the extended period the screening program was underway, numerous technical and clerical assistants joined our staff for varying periods of time. Among those who demonstrated exceptional interest and initiative in their duties were: Clifford L. Brynildson, Clyde O. Barr, Chester J. Pszczolkowski, Rose L. Hoffman, Norma J. DeMara, Mary E. Dimick, Clarence H. Barrette, Clifford R. Kortman, and Margaret A. Evans. The manuscript and tables for this report were typewritten for direct reproduction by Martha A. Bergen. Many other persons, not associated with our staff, contributed advice and assistance which were of material aid in the investigation.

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TABLE 1. Alphabetical list of 3,939 compounds with the results obtained in preliminary screening tests of each substance.

#### EXPLANATION OF TABLE

Chemical nomenclature follows generally the Chemical Abstracts system; certain exceptions are noted in the text. Sources of compounds as indicated in the columns headed "Subm." may be identified in Table 4. Submitters code numbers are those used by the suppliers to identify their own materials; those known to us are listed herein.

Tests at indicated concentrations were conducted for a 24-hour period at a water temperature of 55 deg. F. Formulated materials were tested at the routine concentrations used without regard for the proportion of active ingredient(s) present in each.

Figures given indicate time in hours, fractions of hours, or minutes ("m.") to produce death or obvious distress and are the average response for each species (where illness only was observed during the test period, the average time to produce this response is underlined); an "n" indicates that no effect of the chemical was observed; a dash indicates that the test was not performed; the names trout, bluegill, and lamprey larvae are abbreviated T, B, and SL respectively.

| Rept. No. | Subm. No. | Subm. Code No. | Name of Chemical  | Concentration in ppm |           |           |     |   |    |     |   |   |
|-----------|-----------|----------------|---|----------------------|-----------|-----------|-----|---|----|-----|---|---|
|           |           |                |   | 5.0                  |           |           | 1.0 |   |    | 0.1 |   |   |
|           |           |                |   | T                    | B         | SL        | T   | B | SL | T   | B | S |
| 1         | 57        | ER-24          | Acetaldehyde, bis(4-chlorophenyl)-  | 13                   | -         | <u>13</u> | -   | - | -  | -   | - | - |
| 2         | 46        | 142            | chloro-   | -                    | -         | n         | -   | - | -  | -   | - | - |
| 3         | 57        | Q-290          | chloromercuric-   | n                    | n         | n         | -   | - | -  | -   | - | - |
| 4         | 57        | ER-48          | Acetaldehyde azine, 1,1-di(4-chlorophenyl)-                                 | n                    | n         | n         | -   | - | -  | -   | - | - |
| 5         | 49        |                | Acetamide, benzyl-  | n                    | n         | n         | -   | - | -  | -   | - | - |
| 6         | 57        | Cr-815         | <u>N</u> -benzyl- <u>N</u> -[( <u>p</u> -benzyloxy) phenyl]-                | 13                   | 13        | n         | -   | - | -  | -   | - | - |
| 7         | 25        | 500,038        | <u>N</u> , <u>N</u> '-benzylidenebis-                                       | n                    | n         | n         | -   | - | -  | -   | - | - |
| 8         | 25        | 502,038        | <u>N</u> , <u>N</u> '-bis(2-hydroxyethyl)-; diacetate                       | n                    | n         | n         | -   | - | -  | -   | - | - |
| 9         | 25        | 500,353        | 2-cyano-  | n                    | n         | n         | -   | - | -  | -   | - | - |
| 10        | 25        | 900,262        | 2-(2,4-dichlorophenoxy)-  | 9                    | 9         | <u>9</u>  | -   | - | -  | -   | - | - |
| 11        | 57        | Lo-705         | di-( <u>p</u> -chlorophenyl)-   | 6                    | <u>14</u> | <u>14</u> | -   | - | -  | -   | - | - |
| 12        | 25        | 510,337        | <u>N</u> , <u>N</u> -dimethyl-  | n                    | n         | n         | -   | - | -  | -   | - | - |
| 13        | 25        | 502,714        | <u>N</u> , <u>N</u> -diphenyl-  | n                    | n         | n         | -   | - | -  | -   | - | - |
| 14        | 25        | 510,338        | 2-(2-hydroxyethoxy)-  | n                    | n         | n         | -   | - | -  | -   | - | - |
| 15        | 57        | Lo-176         | $\alpha$ -mercapto- $\alpha$ -2-benzothiazyl-                               | 2                    | 4         | 14        | -   | - | -  | -   | - | - |
| 16        | 57        | Cr-739         | <u>N</u> -(2-methylallyl)- <u>N</u> -(1-naphthyl)-                          | n                    | <u>4</u>  | n         | -   | - | -  | -   | - | - |
| 17        | 25        | 501,048        | <u>N</u> -(1-naphthyl)-   | n                    | n         | n         | -   | - | -  | -   | - | - |
| 18        | 25        | 501,047        |   |                      |           |           |     |   |    |     |   |   |
|           | 57        | Cr-236         | <u>N</u> -(2-naphthyl)-   | n                    | n         | n         | -   | - | -  | -   | - | - |
| 19        | 57        | Cr-239         | <u>N</u> -(1-nitro-2-naphthyl)-   | n                    | <u>1</u>  | n         | -   | - | -  | -   | - | - |
| 20        | 57        | Cr-903         | <u>N</u> , <u>N</u> '-( <u>m</u> -phenylene) bis [ <u>N</u> -2-methylallyl- | n                    | n         | n         | -   | - | -  | -   | - | - |
| 21        | 57        | Cr-749         | <u>N</u> , <u>N</u> '-( <u>p</u> -phenylene) bis [ <u>N</u> -2-methylallyl- | <u>6</u>             | <u>2</u>  | <u>14</u> | -   | - | -  | -   | - | - |
| 22        | 57        | SM-1           | trichloro-; $\beta$ -chloroethyl ester                                      | n                    | n         | n         | -   | - | -  | -   | - | - |
| 23        | 57        | Cr-306         | Acetanilide, $\alpha$ -aceto- <u>p</u> -nitro-                              | n                    | n         | n         | -   | - | -  | -   | - | - |
| 24        | 57        | Cr-698         | 2-acetoxy-5- <u>tert</u> -butyl-  | n                    | n         | n         | -   | - | -  | -   | - | - |
| 25        | 46        | 223            | <u>p</u> -amino-  | -                    | -         | n         | -   | - | -  | -   | - | - |
| 26        | 57        | Cr-442         | 2'-benzyloxy-   | n                    | n         | n         | -   | - | -  | -   | - | - |
| 27        | 25        | 905,098        | 3-bromo-  | n                    | n         | n         | -   | - | -  | -   | - | - |
| 28        | 57        | Cr-1021        | <u>N</u> -2-(2-butoxyethoxy) ethyl-   | n                    | n         | n         | -   | - | -  | -   | - | - |
| 29        | 57        | Cr-699         | 5- <u>tert</u> -butyl-2-hydroxy-  | 14                   | 14        | n         | -   | - | -  | -   | - | - |
| 30        | 25        | 900,230        | $\alpha$ -chloro-   | n                    | n         | n         | -   | - | -  | -   | - | - |
| 31        | 57        | Cr-313         | 2-chloro-   | n                    | n         | n         | -   | - | -  | -   | - | - |
| 32        | 57        | Cr-312         | 4-chloro-   | n                    | n         | n         | -   | - | -  | -   | - | - |
| 33        | 57        | Cr-390         | 2'-(2-chloroethoxy)-  | n                    | n         | n         | -   | - | -  | -   | - | - |
| 34        | 57        | Cr-751         | 2'-chloro- <u>N</u> -(2-methylallyl)-                                       | n                    | <u>2</u>  | n         | -   | - | -  | -   | - | - |

|    |    |          |  |               |               |           |   |   |   |   |   |   |
|----|----|----------|--|---------------|---------------|-----------|---|---|---|---|---|---|
| 35 | 57 | Cr-743   | Acetanilide, 4'-chloro- <u>N</u> -(2-methylallyl)- | <u>1</u>      | <u>1</u>      | n         | - | - | - | - | - | - |
| 36 | 25 | 905, 114 | 5'-chloro-2'-nitro-4'-phenoxy-                     | 13            | 13            | <u>5</u>  | - | - | - | - | - | - |
| 37 | 19 |          | 2, 3'-dichloro-                                    | 13            | -             | 22        | - | - | - | - | - | - |
| 38 | 57 | Q-80     | 2, 4'-dichloro-                                    | 14            | 14            | <u>14</u> | - | - | - | - | - | - |
| 39 | 57 | Cr-343   | 2', 4'-dinitro-                                    | -             | n             | n         | - | - | - | - | - | - |
| 40 | 57 | Cr-394   | 4'-[2-(2, 4-dinitrophenoxy) ethoxy]-               | n             | n             | n         | - | - | - | - | - | - |
| 41 | 25 | 903, 150 | 4'-formyl-; thiosemicarbazone                      | n             | n             | n         | - | - | - | - | - | - |
| 42 | 57 | Cr-389   | 2'-hydroxy-  | n             | n             | n         | - | - | - | - | - | - |
| 43 | 57 | Cr-391   | 4'-(2-hydroxyethoxy)-                              | n             | n             | n         | - | - | - | - | - | - |
| 44 | 25 | 500, 758 | <u>N</u> -methyl-                                  | n             | n             | n         | - | - | - | - | - | - |
| 45 | 57 | Cr-730   | <u>N</u> -2-methylallyl-                           | n             | n             | n         | - | - | - | - | - | - |
| 46 | 57 | Cr-330   | 2'-nitro-  | n             | n             | n         | - | - | - | - | - | - |
| 47 | 57 | Cr-191   | 4'-nitro-  | n             | n             | n         | - | - | - | - | - | - |
| 48 | 57 | Cr-1262  | 4'-nitro-2'-phenyl-                                | n             | n             | n         | - | - | - | - | - | - |
| 49 | 57 | Cr-395   | 2'-(2-phenoxyethoxy)-                              | n             | n             | n         | - | - | - | - | - | - |
| 50 | 57 | Cr-1261  | 2'-phenyl-   | n             | n             | n         | - | - | - | - | - | - |
| 51 | 57 | Cr-1091  | 4'-sulfamyl-                                       | n             | n             | n         | - | - | - | - | - | - |
| 52 | 57 | Cr-61    | 4', 4'''-thiobis-                                  | n             | n             | n         | - | - | - | - | - | - |
| 53 | 57 | Cr-36    | 4'-thiocyano-                                      | 1             | 4             | n         | - | - | - | - | - | - |
| 54 | 57 | Cr-763   | 2', 4', 6'-tribromo-                               | $\frac{1}{2}$ | $\frac{1}{2}$ | n         | - | - | - | - | - | - |
| 55 | 25 | 500, 289 | Acetarzone   | n             | n             | n         | - | - | - | - | - | - |
| 56 | 35 |          | Acetic acid; allylidene ester                      | 13            | 14            | 13        | - | - | - | - | - | - |
| 57 | 46 | 9        | p-chlorobenzyl ester                               | n             | n             | n         | - | - | - | - | - | - |
| 58 | 57 | Q-74     | $\beta$ -chloroethyl ester                         | n             | n             | n         | - | - | - | - | - | - |
| 59 | 57 | SM-12    | cyclohexanon-2-yl ester                            | n             | n             | n         | - | - | - | - | - | - |
| 60 | 46 | 130      | 2-hydroxyethyl ester                               | n             | n             | n         | - | - | - | - | - | - |
| 61 | 57 | SM-250   | isophoryl ester                                    | n             | n             | n         | - | - | - | - | - | - |
| 62 | 63 | O-3273   | kerylbenzyl ester                                  | -             | -             | n         | - | - | - | - | - | - |
| 63 | 57 | Cr-351   | 2-methyl-4, 6-dinitrophenyl ester                  | 8 m           | 8 m           | 1         | 1 | 1 | 2 | n | 8 | n |
| 64 | 25 | 500, 677 | 2-phenylhydrazide                                  | n             | n             | n         | - | - | - | - | - | - |
| 65 | 49 |          | p-propionylphenyl ester                            | n             | <u>13</u>     | n         | - | - | - | - | - | - |
| 66 | 28 |          | sodium salt ("Dow Defoliant")                      | n             | n             | n         | - | - | - | - | - | - |
| 67 | 58 | O-71-a   | sucrose octo-ester                                 | n             | n             | n         | - | - | - | - | - | - |
| 68 |    |          | 4-thiocyanobutyl ester                             | -             | -             | n         | - | - | - | - | - | - |
| 69 |    |          | 4-thiocyanopentyl ester                            | <u>12</u>     | n             | n         | - | - | - | - | - | - |
| 70 |    |          | 5-thiocyanopentyl ester                            | 5             | 13            | n         | - | - | - | - | - | - |
| 71 | 57 | Cr-350   | o-tolyl ester                                      | n             | n             | n         | - | - | - | - | - | - |
| 72 | 25 | 506, 723 | (p-aminophenoxy)-                                  | n             | n             | n         | - | - | - | - | - | - |
| 73 | 57 | Lo-248   | 2-benzothiazylmercapto-; calcium salt              | n             | n             | n         | - | - | - | - | - | - |

| Rept. No. | Subm. No. | Subm. Code No. | Name of Chemical  | Concentration in ppm |          |           |     |   |    |     |   |    |
|-----------|-----------|----------------|---|----------------------|----------|-----------|-----|---|----|-----|---|----|
|           |           |                |   | 5.0                  |          |           | 1.0 |   |    | 0.1 |   |    |
|           |           |                |   | T                    | B        | SL        | T   | B | SL | T   | B | SL |
| 74        | 25        | 100,208        | Acetic acid, (p-benzoylphenoxy)-                            | n                    | n        | n         | -   | - | -  | -   | - | -  |
| 75        | 56        | NP-593         | bis(4-chlorophenyl)-  | n                    | n        | n         | -   | - | -  | -   | - | -  |
| 76        | 57        | ER-163         | ester with 2-hydroxy-3-pentenenitrile                       | n                    | -        | n         | -   | - | -  | -   | - | -  |
| 77        | 57        | ER-159         | ester with $\beta, \beta, \beta$ -trichlorolactonitrile     | 6                    | -        | n         | -   | - | -  | -   | - | -  |
| 78        | 25        | 400,275        | bromo-  | -                    | -        | n         | -   | - | -  | -   | - | -  |
| 79        | 25        | 402,155        | methyl ester  | 4                    | 4        | 5         | 13  | n | 13 | n   | n | n  |
| 80        | 57        | Cr-1059        | x-bromo-2-(1-methylheptyl)phenoxy-                          | n                    | n        | n         | -   | - | -  | -   | - | -  |
| 81        | 57        | Cr-1061        | ester with 2-bromo-4- <u>tert</u> -butyl-6-nitrophenol      | 5                    | 14       | <u>14</u> | -   | - | -  | -   | - | -  |
| 82        | 25        | 402,508        | (5-bromo- <u>m</u> -tolylloxy)-                             | n                    | n        | n         | -   | - | -  | -   | - | -  |
| 83        | 54        |                | <u>o</u> -1-butenylphenoxy-                                 | n                    | n        | n         | -   | - | -  | -   | - | -  |
| 84        | 54        |                | <u>o</u> -2-butenylphenoxy-                                 | n                    | n        | n         | -   | - | -  | -   | - | -  |
| 85        | 54        |                | x-(2-butenyl)-phenoxy-; mostly p-(2-butenyl)-               | n                    | n        | n         | -   | - | -  | -   | - | -  |
| 86        | 58        | O-4343         | chloro-   | n                    | n        | n         | -   | - | -  | -   | - | -  |
| 87        | 19        |                | 4-biphenyl ester  | <u>14</u>            | -        | <u>14</u> | -   | - | -  | -   | - | -  |
| 88        | 54        |                |   |                      |          |           |     |   |    |     |   |    |
|           | 25        | 400,168        | butoxyethyl ester   | 12                   | 13       | 12        | -   | - | -  | -   | - | -  |
| 89        | 46        | 28             | p-chlorobenzyl ester  | 12                   | n        | n         | -   | - | -  | -   | - | -  |
| 90        | 54        |                | ethyl ester   | 14                   | 14       | 14        | -   | - | -  | -   | - | -  |
| 91        | 25        | 402,156        | methyl ester  | 14                   | n        | 14        | -   | - | -  | -   | - | -  |
| 92        | 19        |                | <u>m</u> -nitrophenyl ester                                 | 14                   | n        | <u>14</u> | -   | - | -  | -   | - | -  |
| 93        | 25        | 400,346        | pentachlorophenyl ester                                     | 1                    | 5        | 3         | 2   | 8 | 14 | n   | n | n  |
| 94        | 25        | 904,276        | (5-chloro-2-cyano- <u>m</u> -tolyl) mercapto-               | n                    | n        | n         | -   | - | -  | -   | - | -  |
| 95        | 57        | Cr-1226        | x-chloro-2-(1-methylheptyl)-x-nitrophenoxy-                 | n                    | n        | n         | -   | - | -  | -   | - | -  |
| 96        | 46        | 20             | <u>o</u> -chlorophenoxy-; p-chlorobenzyl ester              | 5                    | <u>9</u> | n         | -   | - | -  | -   | - | -  |
| 97        | 46        | 123            | p-chlorophenoxy- (crude)                                    | n                    | n        | n         | -   | - | -  | -   | - | -  |
| 98        | 46        | 124            | "ditto" (refined)   | n                    | n        | n         | -   | - | -  | -   | - | -  |
| 99        | 25        | 402,509        | (4-chloro- <u>a</u> -phenyl- <u>o</u> -toloxy)-             | n                    | n        | n         | -   | - | -  | -   | - | -  |
| 100       | 19        |                | chlorothiol-; <u>S</u> -dodecyl ester                       | n                    | -        | n         | -   | - | -  | -   | - | -  |
| 101       | 46        | 115            | cyano-  | n                    | n        | n         | -   | - | -  | -   | - | -  |
| 102       | 25        | 501,248        | methyl ester  | n                    | n        | n         | -   | - | -  | -   | - | -  |
| 103       | 25        | 900,124        |   |                      |          |           |     |   |    |     |   |    |
|           |           | -65            | (4,6-diamino- <u>S</u> -triazin-2-ylmercapto)-; sodium salt | n                    | n        | n         | -   | - | -  | -   | - | -  |
| 104       | 25        | 402,507        | (3,5-dibromophenoxy)-                                       | n                    | n        | n         | -   | - | -  | -   | - | -  |
| 105       | 25        | 400,285        | dichloro-   | n                    | n        | n         | -   | - | -  | -   | - | -  |
| 106       | 25        | 402,623        | methyl ester  | n                    | n        | n         | -   | - | -  | -   | - | -  |

|     |    |                |  |    |    |   |   |   |   |   |   |   |
|-----|----|----------------|--|----|----|---|---|---|---|---|---|---|
| 107 | 57 | Cr-1227        | Acetic acid, dichloro- <u>o</u> -1-methylheptyl-nitrophenoxy-                    | n  | n  | n | - | - | - | - | - | - |
| 108 | 25 | 400,155        | 2,4-dichlorophenoxy-   | n  | n  | n | - | - | - | - | - | - |
| 109 | 54 |                | butyl ester  | 12 | 12 | n | - | - | - | - | - | - |
| 110 | 46 | 41             | <u>p</u> -chlorobenzyl ester   | n  | n  | n | - | - | - | - | - | - |
| 111 | 25 | 400,014        | hexaester with inositol  | n  | n  | n | - | - | - | - | - | - |
| 112 | 49 |                | isopropylammonium salt   | n  | n  | n | - | - | - | - | - | - |
| 113 | 25 | 400,155<br>-68 | nickel (II) salt   | n  | n  | n | - | - | - | - | - | - |
| 114 | 1  |                | polyrad 1100 salt (50% in isopropanol)   | n  | n  | n | - | - | - | - | - | - |
| 115 | 1  |                | polyrad 2000 salt (50% in isopropanol)   | n  | n  | n | - | - | - | - | - | - |
| 116 | 54 |                | 65% aqueous triethanolamine salt   | n  | n  | n | - | - | - | - | - | - |
| 117 | 57 | Lo-328         | diethanoldithiocarbamyl-   | n  | n  | n | - | - | - | - | - | - |
| 118 | 46 | 314            | diphenyl-  | n  | n  | n | - | - | - | - | - | - |
| 119 | 25 | 107,570        | anhydride  | n  | n  | n | - | - | - | - | - | - |
| 120 | 25 | 501,529        | (ethylenedinitrilo) tetra-   | n  | n  | n | - | - | - | - | - | - |
| 121 | 25 | 501,529<br>-66 | disodium salt, dihydrate   | n  | n  | n | - | - | - | - | - | - |
| 122 | 25 | 501,529<br>-75 | trisodium salt, monohydrate  | n  | n  | n | - | - | - | - | - | - |
| 123 | 25 | 107,550        | (2-hydroxyethoxy)-; lactone  | n  | n  | n | - | - | - | - | - | - |
| 124 | 57 | Lo-174         | 2-(2-imidazoliny) mercapto-; hydrochloride                                       | n  | n  | n | - | - | - | - | - | - |
| 125 | 54 |                | mercapto-  | n  | n  | n | - | - | - | - | - | - |
| 126 | 49 |                | ammonium salt  | n  | n  | n | - | - | - | - | - | - |
| 127 | 57 | SM-162         | <u>p</u> -methoxybenzoyl-; ethyl ester   | n  | n  | n | - | - | - | - | - | - |
| 128 | 46 | 125            | 2-methyl-4-chlorophenoxy-  | n  | n  | n | - | - | - | - | - | - |
| 129 | 57 | Cr-1028        | (1-methylheptyl) phenoxy-; <u>p-tert</u> -butyl- <u>o</u> -<br>nitrophenyl ester | n  | n  | n | - | - | - | - | - | - |
| 130 | 57 | Cr-713         | x-1-methylheptylphenoxy-; 2-thiocyanatoethyl ester                               | n  | n  | n | - | - | - | - | - | - |
| 131 | 25 | 100,468        | 2-naphthoxy-   | n  | n  | n | - | - | - | - | - | - |
| 132 | 46 | 121            | <i>α</i> -naphthyl-  | n  | n  | n | - | - | - | - | - | - |
| 133 | 57 | Lo-65          | <u>o</u> -nitrophenoxy-  | n  | n  | n | - | - | - | - | - | - |
| 134 | 49 |                | <u>p</u> -nitrophenyl-   | n  | n  | n | - | - | - | - | - | - |
| 135 | 56 | NP-301         | pentachlorophenoxy-  | n  | n  | n | - | - | - | - | - | - |
| 136 | 56 | NP-1282        | pentachlorothiophenoxy-  | n  | n  | n | - | - | - | - | - | - |
| 137 | 54 |                | phenoxy-   | n  | n  | n | - | - | - | - | - | - |
| 138 | 46 | 40             | <u>p</u> -chlorobenzyl ester   | n  | n  | n | - | - | - | - | - | - |
| 139 | 57 | SM-82          | phenacyl ester   | n  | n  | n | - | - | - | - | - | - |
| 140 | 46 | 119            | phenyl-  | n  | n  | n | - | - | - | - | - | - |
| 141 | 46 | 21             | <u>p</u> -chlorobenzyl ester   | n  | n  | n | - | - | - | - | - | - |



| Rept. No. | Subm. No. | Subm. Code No. | Name of Chemical                                      | Concentration in ppm |          |           |     |    |    |     |   |    |
|-----------|-----------|----------------|---|----------------------|----------|-----------|-----|----|----|-----|---|----|
|           |           |                |   | 5.0                  |          |           | 1.0 |    |    | 0.1 |   |    |
|           |           |                |   | T                    | B        | SL        | T   | B  | SL | T   | B | SL |
| 142       | 46        | 131            | Acetic acid, phenyl-; methyl ester                    | n                    | n        | n         | -   | -  | -  | -   | - | -  |
| 143       | 24        |                | phenylmercuric- ("PMAS", 10% water soln.)             | 3                    | 14       | <u>14</u> | -   | -  | -  | -   | - | -  |
| 144       | 42        |                | "ditto" (10% active)                                  | 4                    | 4        | 13        | -   | -  | -  | -   | - | -  |
| 145       | 25        | 508,452<br>-10 | 2-pyridyl-; hydrazide, hydrochloride                  | -                    | -        | n         | -   | -  | -  | -   | - | -  |
| 146       | 57        | H-134          | thiocyano-; methyl ester                              | 8                    | 8        | <u>13</u> | -   | -  | -  | -   | - | -  |
| 147       | 57        | Cr-75          | thiodi-   | n                    | n        | n         | -   | -  | -  | -   | - | -  |
| 148       | 57        | Cr-79          | barium salt   | n                    | n        | n         | -   | -  | -  | -   | - | -  |
| 149       | 57        | Cr-77          | zinc salt   | n                    | n        | n         | -   | -  | -  | -   | - | -  |
| 150       | 54        |                | trichloro-  | n                    | n        | n         | -   | -  | -  | -   | - | -  |
| 151       | 31        | 612            | 3,4-dichlorophenyl ester                              | 14                   | n        | n         | -   | -  | -  | -   | - | -  |
| 152       | 53        |                | sodium salt   | n                    | n        | n         | -   | -  | -  | -   | - | -  |
| 153       | 42        |                | 2,4,5-trichlorophenoxy- (40% active)                  | -                    | -        | n         | -   | -  | -  | -   | - | -  |
| 154       | 54        |                | butyl ester   | n                    | n        | n         | -   | -  | -  | -   | - | -  |
| 155       | 54        |                | 55% aqueous triethanolamine salt                      | n                    | n        | n         | -   | -  | -  | -   | - | -  |
| 156       | 25        | 106,617        | (2,3,5-trimethylphenoxy) -                            | n                    | n        | n         | -   | -  | -  | -   | - | -  |
| 157       | 46        | 206            | Acetoacetanilide                                      | -                    | -        | n         | -   | -  | -  | -   | - | -  |
| 158       | 25        | 900,734        | p-chloro-   | n                    | n        | n         | -   | -  | -  | -   | - | -  |
| 159       | 57        | H-122          | Acetoacetic acid; ethyl ester, copper derivative      | 14                   | n        | 14        | -   | -  | -  | -   | - | -  |
| 160       | 25        | 506,024        | 2,2-bis(2-cyanoethyl)-; ethyl ester                   | n                    | n        | n         | -   | -  | -  | -   | - | -  |
| 161       | 25        | 107,021        | 2,4-diphenyl-; ethyl ester                            | n                    | n        | n         | -   | -  | -  | -   | - | -  |
| 162       | 25        | 106,627        | 2-phenyl-; ethyl ester                                | n                    | n        | n         | -   | -  | -  | -   | - | -  |
| 163       | 25        | 404,037        | 2-(2,2,2-trichloroethylidene)-; ethyl ester           | 1                    | 1        | 5         | 3   | 4  | 14 | n   | n | n  |
| 164       | 25        | 906,695        | 2-(2,2,2-trichloro-1-hydroxyaminoethyl)-; ethyl ester | n                    | n        | n         | -   | -  | -  | -   | - | -  |
| 165       | 57        | Cr-332         | o-Acetoaniside  | n                    | n        | n         | -   | -  | -  | -   | - | -  |
| 166       | 57        | Q-116          | Acetone, a, a-di (p-chlorophenyl)-                    | n                    | n        | n         | -   | -  | -  | -   | - | -  |
| 167       | 49        |                | Acetone-sodium bisulfite adduct                       | n                    | n        | n         | -   | -  | -  | -   | - | -  |
| 168       | 57        | Q-159<br>ER-10 | Acetonitrile, bis(4-chlorophenyl)-                    | 14                   | 14       | n         | -   | -  | -  | -   | - | -  |
| 169       | 25        | 801,466        | bis(p-dimethylaminophenyl) phenyl-                    | n                    | n        | n         | -   | -  | -  | -   | - | -  |
| 170       | 57        | Cr-795         | 4-(p-bromophenoxy) phenyl-                            | n                    | n        | n         | -   | -  | -  | -   | - | -  |
| 171       | 57        | FW-206         | p-chloroanilino-                                      | 14                   | 14       | n         | n   | 22 | n  | n   | n | n  |
| 172       | 25        | 802,017        | diphenyl-   | 10                   | <u>1</u> | 10        | -   | -  | -  | -   | - | -  |
| 173       | 57        | Cr-773         | p-phenoxyphenyl-                                      | n                    | n        | n         | -   | -  | -  | -   | - | -  |



| Rept. No. | Subm. No. | Subm. Code No. | Name of Chemical                                      | Concentration in ppm |          |           |     |    |    |     |   |    |
|-----------|-----------|----------------|---|----------------------|----------|-----------|-----|----|----|-----|---|----|
|           |           |                |   | 5.0                  |          |           | 1.0 |    |    | 0.1 |   |    |
|           |           |                |   | T                    | B        | SL        | T   | B  | SL | T   | B | SL |
| 142       | 46        | 131            | Acetic acid, phenyl-; methyl ester                    | n                    | n        | n         | -   | -  | -  | -   | - | -  |
| 143       | 24        |                | phenylmercuric- ("PMAS", 10% water soln.)             | 3                    | 14       | <u>14</u> | -   | -  | -  | -   | - | -  |
| 144       | 42        |                | "ditto" (10% active)                                  | 4                    | 4        | 13        | -   | -  | -  | -   | - | -  |
| 145       | 25        | 508,452        |   |                      |          |           |     |    |    |     |   |    |
|           |           | -10            | 2-pyridyl-; hydrazide, hydrochloride                  | -                    | -        | n         | -   | -  | -  | -   | - | -  |
| 146       | 57        | H-134          | thiocyano-; methyl ester                              | 8                    | 8        | <u>13</u> | -   | -  | -  | -   | - | -  |
| 147       | 57        | Cr-75          | thiodi-   | n                    | n        | n         | -   | -  | -  | -   | - | -  |
| 148       | 57        | Cr-79          | barium salt   | n                    | n        | n         | -   | -  | -  | -   | - | -  |
| 149       | 57        | Cr-77          | zinc salt   | n                    | n        | n         | -   | -  | -  | -   | - | -  |
| 150       | 54        |                | trichloro-  | n                    | n        | n         | -   | -  | -  | -   | - | -  |
| 151       | 31        | 612            | 3,4-dichlorophenyl ester                              | 14                   | n        | n         | -   | -  | -  | -   | - | -  |
| 152       | 53        |                | sodium salt   | n                    | n        | n         | -   | -  | -  | -   | - | -  |
| 153       | 42        |                | 2,4,5-trichlorophenoxy- (40% active)                  | -                    | -        | n         | -   | -  | -  | -   | - | -  |
| 154       | 54        |                | butyl ester   | n                    | n        | n         | -   | -  | -  | -   | - | -  |
| 155       | 54        |                | 55% aqueous triethanolamine salt                      | n                    | n        | n         | -   | -  | -  | -   | - | -  |
| 156       | 25        | 106,617        | (2,3,5-trimethylphenoxy)-                             | n                    | n        | n         | -   | -  | -  | -   | - | -  |
| 157       | 46        | 206            | Acetoacetanilide                                      | -                    | -        | n         | -   | -  | -  | -   | - | -  |
| 158       | 25        | 900,734        | p-chloro-   | n                    | n        | n         | -   | -  | -  | -   | - | -  |
| 159       | 57        | H-122          | Acetoacetic acid; ethyl ester, copper derivative      | 14                   | n        | 14        | -   | -  | -  | -   | - | -  |
| 160       | 25        | 506,024        | 2,2-bis(2-cyanoethyl)-; ethyl ester                   | n                    | n        | n         | -   | -  | -  | -   | - | -  |
| 161       | 25        | 107,021        | 2,4-diphenyl-; ethyl ester                            | n                    | n        | n         | -   | -  | -  | -   | - | -  |
| 162       | 25        | 106,627        | 2-phenyl-; ethyl ester                                | n                    | n        | n         | -   | -  | -  | -   | - | -  |
| 163       | 25        | 404,037        | 2-(2,2,2-trichloroethylidene)-; ethyl ester           | 1                    | 1        | 5         | 3   | 4  | 14 | n   | n | n  |
| 164       | 25        | 906,695        | 2-(2,2,2-trichloro-1-hydroxyaminoethyl)-; ethyl ester | n                    | n        | n         | -   | -  | -  | -   | - | -  |
| 165       | 57        | Cr-332         | o-Acetoaniside  | n                    | n        | n         | -   | -  | -  | -   | - | -  |
| 166       | 57        | Q-116          | Acetone, a, a-di (p-chlorophenyl)-                    | n                    | n        | n         | -   | -  | -  | -   | - | -  |
| 167       | 49        |                | Acetone-sodium bisulfite adduct                       | n                    | n        | n         | -   | -  | -  | -   | - | -  |
| 168       | 57        | Q-159          |   |                      |          |           |     |    |    |     |   |    |
|           |           | ER-10          | Acetonitrile, bis(4-chlorophenyl)-                    | 14                   | 14       | n         | -   | -  | -  | -   | - | -  |
| 169       | 25        | 801,466        | bis(p-dimethylaminophenyl) phenyl-                    | n                    | n        | n         | -   | -  | -  | -   | - | -  |
| 170       | 57        | Cr-795         | 4-(p-bromophenoxy) phenyl-                            | n                    | n        | n         | -   | -  | -  | -   | - | -  |
| 171       | 57        | FW-206         | p-chloroanilino-                                      | 14                   | 14       | n         | n   | 22 | n  | n   | n | n  |
| 172       | 25        | 802,017        | diphenyl-   | 10                   | <u>1</u> | 10        | -   | -  | -  | -   | - | -  |
| 173       | 57        | Cr-773         | p-phenoxyphenyl-                                      | n                    | n        | n         | -   | -  | -  | -   | - | -  |

|     |    |         |  |               |               |    |   |   |   |   |   |   |
|-----|----|---------|--|---------------|---------------|----|---|---|---|---|---|---|
| 174 | 46 | 216     | Acetonitrile, phenyl-                              | -             | -             | n  | - | - | - | - | - | - |
| 175 | 57 | O-1888  | 1,1,3,3-tetramethylbutylamino-                     | 3             | 5             | 13 | - | - | - | - | - | - |
| 176 | 57 | Cr-338  | p-Acetophenetide, $\beta$ -chloro-                 | n             | n             | n  | - | - | - | - | - | - |
| 177 | 46 | 164     | Acetophenone                                       | -             | -             | n  | - | - | - | - | - | - |
| 178 | 25 | 105,978 | diethyl acetal                                     | n             | n             | n  | - | - | - | - | - | - |
| 179 | 25 | 500,031 | 3'-amino-  | n             | n             | n  | - | - | - | - | - | - |
| 180 | 25 | 500,032 | 4'-amino-  | n             | n             | n  | - | - | - | - | - | - |
| 181 | 25 | 402,142 | 2-bromo-4'-hydroxy-; benzoate                      | 2             | 2             | 13 | - | - | - | - | - | - |
| 182 | 25 | 402,258 | 3'-bromo-2',4',6'-trimethyl-                       | <u>3</u>      | 13            | n  | - | - | - | - | - | - |
| 183 | 46 | 165     | 4'-chloro-   | -             | -             | n  | - | - | - | - | - | - |
| 184 | 25 | 402,647 | 2-chloro-2-phenyl-                                 | 4             | 4             | 12 | - | - | - | - | - | - |
| 185 | 57 | Q-4     | 2,2-dichloro-                                      | 12            | <u>4</u>      | n  | - | - | - | - | - | - |
| 186 | 57 | Q-19    | 2,4'-dichloro-                                     | 2             | <u>4</u>      | 13 | - | - | - | - | - | - |
| 187 | 46 | 166     | 4'-ethoxy-   | -             | -             | n  | - | - | - | - | - | - |
| 188 | 57 | Cr-411  | 2'-hydroxy-; sodium salt                           | n             | n             | n  | - | - | - | - | - | - |
| 189 | 25 | 102,388 | 4'-hydroxy-  | n             | n             | n  | - | - | - | - | - | - |
| 190 | 25 | 105,325 | 5'-isopropyl-2'-methyl-                            | n             | n             | n  | - | - | - | - | - | - |
| 191 | 49 |         | 4'-methoxy-  | n             | n             | n  | - | - | - | - | - | - |
| 192 | 25 | 402,501 | 4'-methylmercapto-                                 | n             | n             | n  | - | - | - | - | - | - |
| 193 | 57 | Cr-416  | 2'-(2-phenoxyethoxy)-                              | n             | n             | n  | - | - | - | - | - | - |
| 194 | 57 | Cr-415  | 4'-(2-phenoxyethoxy)-                              | n             | n             | n  | - | - | - | - | - | - |
| 195 | 57 | Cr-444  | 2-phenoxy-2-phenyl-                                | <u>2</u>      | <u>2</u>      | n  | - | - | - | - | - | - |
| 196 | 57 | Q-6     | 2,2,4'-trichloro-                                  | 12            | <u>12</u>     | n  | - | - | - | - | - | - |
| 197 | 46 | 43      | 4'-(2,2,2-trichloro-1-hydroxyethylamino)-          | n             | n             | n  | - | - | - | - | - | - |
| 198 | 25 | 100,166 | 2',4',6'-trimethyl-                                | n             | n             | n  | - | - | - | - | - | - |
| 199 | 25 | 507,206 | 2',4',6'-trimethyl-3',5'-dinitro-                  | n             | <u>4</u>      | n  | - | - | - | - | - | - |
| 200 | 25 | 105,509 | 2',4',6'-trimethyl-2-phenyl-                       | n             | n             | n  | - | - | - | - | - | - |
| 201 | 57 | SM-72   | Acetopropionic acid; 2-methylallyl ester           | n             | n             | n  | - | - | - | - | - | - |
| 202 | 25 | 501,046 | m-Acetotoluidide                                   | n             | n             | n  | - | - | - | - | - | - |
| 203 | 57 | Cr-315  | o-Acetotoluidide                                   | n             | n             | n  | - | - | - | - | - | - |
| 204 | 57 | Cr-740  | N-2-methylallyl-                                   | n             | n             | n  | - | - | - | - | - | - |
| 205 | 57 | Cr-329  | 4'-nitro-  | n             | n             | n  | - | - | - | - | - | - |
| 206 | 57 | Cr-765  | p-Acetotoluidide, $\alpha$ -(p-tert-butylphenoxy)- | n             | n             | n  | - | - | - | - | - | - |
| 207 | 57 | Cr-746  | N-2-methylallyl-                                   | $\frac{1}{2}$ | $\frac{1}{2}$ | n  | - | - | - | - | - | - |
| 208 | 57 | Cr-747  | x',x'-Acetoxylidide, N-2-methylallyl-              | n             | n             | n  | - | - | - | - | - | - |
| 209 | 57 | SM-267  | Acetylene, dimethylaminomethyl piperidinomethyl-   | n             | n             | n  | - | - | - | - | - | - |
| 210 | 25 | 000,681 | diphenyl-  | -             | -             | n  | - | - | - | - | - | - |
| 211 | 58 | O-4360  | -a diphenyl- ("Tolane")                            | n             | n             | n  | - | - | - | - | - | - |

| Rept. No. | Subm. No. | Subm. Code No. | Name of Chemical                                   | Concentration in ppm |    |    |     |   |    |     |   |    |
|-----------|-----------|----------------|--|----------------------|----|----|-----|---|----|-----|---|----|
|           |           |                |  | 5.0                  |    |    | 1.0 |   |    | 0.1 |   |    |
|           |           |                |  | T                    | B  | SL | T   | B | SL | T   | B | SL |
| 212       | 57        | Cr-1084        | Acetylsalicylic acid; copper (II) salt             | 14                   | 2  | 8  | n   | n | n  | n   | n | n  |
| 213       | 25        | Y00,352        | Acid 136   | 12                   | n  | n  | -   | - | -  | -   | - | -  |
| 214       | 25        | 800,331        | Acridine   | 2                    | 13 | 13 | -   | - | -  | -   | - | -  |
| 215       | 35        |                | Acrolein   | n                    | n  | n  | -   | - | -  | -   | - | -  |
| 216       | 57        | SM-343         | Acrylamide, <u>N</u> -isobutyl-3-phenylmercapto-   | n                    | 2  | n  | -   | - | -  | -   | - | -  |
| 217       | 67        |                | Acronycidine                                       | n                    | n  | n  | -   | - | -  | -   | - | -  |
| 218       | 25        | 501,176        | Acrylic acid; 2-dibutylaminoethyl ester            | n                    | n  | n  | -   | - | -  | -   | - | -  |
| 219       | 25        | 501,350        | 2-diethylaminoethyl ester                          | n                    | n  | n  | -   | - | -  | -   | - | -  |
| 220       | 58        | O-3828 A       | 2-methylpentyl ester                               | n                    | 12 | n  | -   | - | -  | -   | - | -  |
| 221       | 58        | O-3830         |  |                      |    |    |     |   |    |     |   |    |
|           |           | -a             | 4-methyl-2-pentyl ester                            | n                    | n  | n  | -   | - | -  | -   | - | -  |
| 222       | 58        | O-3827         |  |                      |    |    |     |   |    |     |   |    |
|           |           | -a             | <u>n</u> -octyl ester                              | n                    | n  | n  | -   | - | -  | -   | - | -  |
| 223       | 57        | SM-480         | benzoyl-; 2-ethylhexyl ester                       | 5                    | 13 | 13 | -   | - | -  | -   | - | -  |
| 224       | 57        | SM-400         | lauryl ester                                       | -                    | -  | n  | -   | - | -  | -   | - | -  |
| 225       | 57        | SM-262         | 3-benzoyl-; 2-ethylhexenyl ester                   | 4                    | 9  | 18 | -   | - | -  | -   | - | -  |
| 226       | 57        | SM-314         | isobutyl ester                                     | 4                    | 4  | 13 | -   | - | -  | -   | - | -  |
| 227       | 57        | SM-293         | 3-butylamino-; ethyl ester                         | n                    | n  | n  | -   | - | -  | -   | - | -  |
| 228       | 57        | SM-439         | <u>p</u> -chlorobenzoyl-                           | n                    | n  | n  | -   | - | -  | -   | - | -  |
| 229       | 57        | SM-539         | nonyl ester  | 8                    | n  | n  | -   | - | -  | -   | - | -  |
| 230       | 57        | SM-540         | 3-( <u>p</u> -chlorobenzoyl)-; butylcarbityl ester | 3                    | 3  | 13 | -   | - | -  | -   | - | -  |
| 231       | 57        | SM-471         | isobutyl ester                                     | 2                    | 3  | 13 | -   | - | -  | -   | - | -  |
| 232       | 57        | WC-49          | 2-chloro-3-ethoxy-; ethyl ester                    | n                    | n  | n  | -   | - | -  | -   | - | -  |
| 233       | 57        | SM-440         | <u>p</u> -methoxybenzoyl-                          | -                    | -  | n  | -   | - | -  | -   | - | -  |
| 234       | 57        | SM-464         | 3-( <u>p</u> -methoxybenzoyl)-; isobutyl ester     | 3                    | 3  | 13 | -   | - | -  | -   | - | -  |
| 235       | 57        | Lo-212         | 3-phenylmercapto-; copper salt                     | 12                   | n  | 12 | -   | - | -  | -   | - | -  |
| 236       | 25        | 402,900        |  |                      |    |    |     |   |    |     |   |    |
|           |           | -65            | trichloro-; sodium salt                            | n                    | n  | n  | -   | - | -  | -   | - | -  |
| 237       | 57        | Cr-567         | Acrylophenone, 3-(2-furyl)-                        | 11                   | 11 | n  | -   | - | -  | -   | - | -  |
| 238       | 25        | 106,650        | 2,3,3-triphenyl-                                   | n                    | n  | n  | -   | - | -  | -   | - | -  |
| 239       | 31        |                | Actidione  | n                    | n  | n  | -   | - | -  | -   | - | -  |
| 240       | 25        | 502,051        | Adipamide, <u>N,N,N',N'</u> -tetramethyl-          | n                    | n  | n  | -   | - | -  | -   | - | -  |
| 241       | 35        |                | Adipic acid; diallyl ester                         | -                    | -  | n  | -   | - | -  | -   | - | -  |
| 242       | 25        | 104,211        | diester with 2-(2-butoxyethoxy)ethyl lactate       | n                    | n  | n  | -   | - | -  | -   | - | -  |
| 243       | 25        | 101,604        | diester with 1-carbethoxyethyl lactate             | n                    | n  | n  | -   | - | -  | -   | - | -  |

|     |    |         |   |    |          |           |   |   |   |   |   |   |
|-----|----|---------|---|----|----------|-----------|---|---|---|---|---|---|
| 244 | 25 | 103,486 | Adipic acid; diester with 2-ethylhexyl lactate  | n  | n        | n         | - | - | - | - | - | - |
| 245 | 25 | 103,487 | diester with 1-methylheptyl lactate   | n  | n        | n         | - | - | - | - | - | - |
| 246 | 25 | 104,212 | diester with 3,5,5-trimethylhexyl lactate   | n  | n        | n         | - | - | - | - | - | - |
| 247 | 25 | 103,441 | monobutyl ester with butyl lactate  | n  | n        | n         | - | - | - | - | - | - |
| 248 | 25 | 103,471 | monoester with butyl lactate, ester with<br>1-carbobutoxyethyl lactate  | n  | n        | n         | - | - | - | - | - | - |
| 249 | 25 | 103,482 | mono(1-methylheptyl) ester with 1-methylheptyl<br>lactate   | n  | n        | n         | - | - | - | - | - | - |
| 250 |    |         | $\beta$ -Alanine, <u>N</u> -dodecyl-  | n  | 12       | n         | - | - | - | - | - | - |
| 251 | 25 | 900,177 |   |    |          |           |   |   |   |   |   |   |
|     |    | -65     | Aldarsone   | n  | n        | n         | - | - | - | - | - | - |
| 252 | 21 |         | Aldrin, 2#  | -  | -        | <u>14</u> | - | - | - | - | - | - |
| 253 | 63 | O-4104  | Aliphatic 44-B (46% oleic, 39% linoleic, 3% linolenic, 12%<br>rosin acids), condensation product with<br>propylene glycol | -  | -        | n         | - | - | - | - | - | - |
| 254 | 63 | O-4112  | Aliphatic 45-B (30% fatty acids, 70% rosin acids), and 15<br>moles ethylene oxide, condensation products                  | n  | n        | n         | - | - | - | - | - | - |
| 255 | 49 |         | Allantoin   | n  | n        | n         | - | - | - | - | - | - |
| 256 | 49 |         | Alloxan   | n  | n        | n         | - | - | - | - | - | - |
| 257 | 49 |         | Alloxantin  | n  | n        | n         | - | - | - | - | - | - |
| 258 | 49 |         | Allylamine  | n  | n        | n         | - | - | - | - | - | - |
| 259 | 25 | X00,122 | Aluminum chloro-hydroxide complex   | n  | n        | n         | - | - | - | - | - | - |
| 260 | 9  |         | Aluminum fluosulfonate  | n  | n        | n         | - | - | - | - | - | - |
| 261 | 57 | Lo-259  | Amidophosphoric acid, <u>N,N</u> -diallyl-; diphenoxy ester   | n  | n        | n         | - | - | - | - | - | - |
| 262 | 57 | WC-67   | <u>N</u> -isobutyl-; di( $\beta$ -chloroethyl) ester  | n  | n        | n         | - | - | - | - | - | - |
| 263 | 57 | Lo-256  | Amidophosphorous acid, <u>N,N</u> -dibutyl-; diphenyl ester   | 13 | n        | n         | - | - | - | - | - | - |
| 264 | 57 | Lo-255  | <u>N,N</u> -dicyclohexyl-; diphenyl ester   | n  | n        | n         | - | - | - | - | - | - |
| 265 | 66 |         | Ammonium arsenate   | n  | n        | n         | - | - | - | - | - | - |
| 266 | 18 |         | Ammonium compounds, substituted;  |    |          |           |   |   |   |   |   |   |
|     |    |         | alkylbenzyl dimethyl—chloride ("BTC-824",<br>50% active)  | 1  | <u>1</u> | <u>3</u>  | - | - | - | - | - | - |
| 267 | 18 |         | alkylbenzyl dimethyl—chloride ("BTC", 50%<br>active)  | n  | n        | n         | - | - | - | - | - | - |
| 268 | 18 |         | alkyl(3,4-dichlorobenzyl) dimethyl—chloride<br>("Tetrosan", 60% active)   | 4  | 4        | <u>12</u> | - | - | - | - | - | - |
| 269 | 18 |         | alkyldimethyl(dimethylbenzyl)—chloride<br>("BTC-927", 50% active)   | -  | -        | n         | - | - | - | - | - | - |
| 270 | 18 |         | alkyldimethyl(ethylbenzyl)—chloride<br>("BTC-471", 50% active)  | n  | 13       | 13        | - | - | - | - | - | - |

| Rept. No. | Subm. No. | Subm. Code No. | Name of Chemical  | Concentration in ppm |    |           |     |    |    |     |   |    |
|-----------|-----------|----------------|---|----------------------|----|-----------|-----|----|----|-----|---|----|
|           |           |                |   | 5.0                  |    |           | 1.0 |    |    | 0.1 |   |    |
|           |           |                |   | T                    | B  | SL        | T   | B  | SL | T   | B | SL |
| 271       | 25        | Y01,510        | Ammonium compounds, substituted;<br>alkyltrimethyl—benzenesulfonate   | 2                    | 2  | 10        | -   | -  | -  | -   | - | -  |
| 272       | 25        | Y01,504        | alkyltrimethyl—benzenesulfonate (alkyl -<br>approx. C <sub>12</sub> H <sub>25</sub> )                             | n                    | n  | n         | -   | -  | -  | -   | - | -  |
| 273       | 25        | Y01,508        | alkyltrimethyl— <u>m</u> -nitrobenzenesulfonate<br>(alkyl - approx. C <sub>12</sub> H <sub>25</sub> )             | n                    | n  | n         | -   | -  | -  | -   | - | -  |
| 274       | 25        | Y01,507        | alkyltrimethyl— <u>p</u> -(1-methylbutyl) benzenesul<br>fonate (alkyl - approx. C <sub>12</sub> H <sub>25</sub> ) | 14                   | n  | n         | -   | -  | -  | -   | - | -  |
| 275       | 42        |                | benzyl dimethyldodecyl—chloride (15% active)  | n                    | n  | n         | -   | -  | -  | -   | - | -  |
| 276       | 57        | Cr-1284        | benzyl dimethylphenyl—2-chloro-4,6-dinitro-<br>phenoxide  | n                    | n  | n         | -   | -  | -  | -   | - | -  |
| 277       | 57        | Cr-1283        | benzyl dimethylphenyl—4-chloro-2,6-dinitro-<br>phenoxide  | n                    | n  | n         | -   | -  | -  | -   | - | -  |
| 278       | 57        | Cr-353         | benzyl dimethylphenyl—4,6-dinitro-2-methyl<br>phenoxide   | 4                    | 14 | 14        | -   | -  | -  | -   | - | -  |
| 279       | 57        | Cr-1113        | benzyl dimethylphenyl—2,6-dinitro-4-(1,1,3,3-<br>tetramethylbutyl) phenoxide                                      | 4                    | 8  | 12        | -   | -  | -  | -   | - | -  |
| 280       | 63        | O-3503         | benzyl dodecyltrimethyl—chloride  | 5                    | 13 | 13        | -   | -  | -  | -   | - | -  |
| 281       | 19        |                | (bis-2-hydroxyethyl) dodecylmethyl—methyl<br>sulfate  | 10                   | -  | <u>14</u> | -   | -  | -  | -   | - | -  |
| 282       | 25        | 508,482<br>-13 | (5- <u>tert</u> -butyl-4-hydroxy- <u>o</u> -tolyl) trimethyl—<br>iodide   | n                    | n  | n         | -   | -  | -  | -   | - | -  |
| 283       | 18        |                | cetyltrimethyl—bromide (60% active in<br>isopropanol)   | $\frac{1}{2}$        | 3  | 8         | n   | 13 | ?  | n   | n | n  |
| 284       | 57        | ER-2           | cetyltrimethyl—salicylate   | 1                    | 6  | 4         | n   | n  | n  | n   | n | n  |
| 285       | 63        | O-3733         | decylbenzyltrimethyl—chloride   | -                    | -  | n         | -   | -  | -  | -   | - | -  |
| 286       | 18        |                | dilauryldimethyl—bromide ("Isothan DL-1",<br>75% active in isopropanol)   | 2                    | 12 | n         | -   | -  | -  | -   | - | -  |
| 287       | 18        |                | dimethylethylhexadecyl—bromide ("Ammonyx<br>DME", 75% active)   | 1                    | 4  | 5         | n   | n  | n  | n   | n | n  |

|     |    |                 |   |               |          |           |   |   |   |   |           |   |
|-----|----|-----------------|---|---------------|----------|-----------|---|---|---|---|-----------|---|
| 288 | 18 |                 | Ammonium compounds, substituted;<br>dimethylethyl-octadecenyl—bromide ("Onyxide",<br>75% active in isopropanol) | $\frac{1}{2}$ | 2        | 4         | n | ? | n | n | <u>12</u> | n |
| 289 | 56 | NP-1407         | (3- <u>tert</u> -dodecylthio-2-hydroxypropyl) triethyl—<br>chloride   | n             | n        | n         | - | - | - | - | -         | - |
| 290 | 11 |                 | dodecyltrimethyl—chloride ("Arquad 12")   | 14            | n        | n         | - | - | - | - | -         | - |
| 291 | 11 |                 | hexadecyltrimethyl—chloride ("Arquad 16")   | 1             | 4        | 5         | n | ? | n | n | n         | n |
| 292 | 63 | O-3717          | (methyltri-isopropylbenzyl) trimethyl—chloride  | -             | -        | n         | - | - | - | - | -         | - |
| 293 |    |                 | tetraethyl— diethylphosphate  | -             | -        | n         | - | - | - | - | -         | - |
| 294 |    |                 | tetramethyl—diethylphosphate  | -             | -        | n         | - | - | - | - | -         | - |
| 295 | 63 | O-3716          | (tri-isopropylbenzyl) trimethyl—chloride  | -             | -        | n         | - | - | - | - | -         | - |
| 296 | 25 | 508, 477<br>-13 | (6-hydroxythymyl) trimethyl—iodide  | n             | n        | n         | - | - | - | - | -         | - |
| 297 | 25 | X00, 000        | Ammonium fluophosphate  | n             | n        | n         | - | - | - | - | -         | - |
| 298 | 9  |                 | Ammonium fluovanadates  | n             | n        | n         | - | - | - | - | -         | - |
| 299 | 25 | X00, 123        | Ammonium sulfamate  | n             | n        | n         | - | - | - | - | -         | - |
| 300 | 57 | Cr-98           | Aniline; complex with ferrocyanic acid  | n             | n        | n         | - | - | - | - | -         | - |
| 301 | 25 | 800, 122<br>-A2 | complex with $\frac{1}{2}$ f. wt. fluosilicic acid  | n             | n        | n         | - | - | - | - | -         | - |
| 302 | 49 |                 | complex with trinitrobenzene  | 4             | 12       | 12        | - | - | - | - | -         | - |
| 303 | 25 | 5K0, 251        | complex with 1 f. wt. 1, 3, 5-trinitrobenzene   | 9             | 9        | 9         | - | - | - | - | -         | - |
| 304 | 12 |                 | <u>p</u> -acetoxy- (pure)   | n             | n        | n         | - | - | - | - | -         | - |
| 305 | 57 | Cr-172          | <u>N</u> -benzyl- <u>p</u> -benzyloxy-  | n             | n        | n         | - | - | - | - | -         | - |
| 306 | 57 | H-113           | <u>N</u> -benzylidene-4-bromo-  | 9             | 14       | <u>2</u>  | - | - | - | - | -         | - |
| 307 | 57 | Cr-504          | <u>o</u> -benzyloxy-; hydrochloride   | n             | n        | n         | - | - | - | - | -         | - |
| 308 | 57 | Cr-732          | <u>p</u> -benzyloxy- <u>N</u> -2-methylallyl-   | 8             | 8        | <u>14</u> | - | - | - | - | -         | - |
| 309 | 57 | Cr-828          | <u>N</u> , <u>N</u> -bis [2- (2- <u>p</u> -chlorophenoxyethoxy) ethyl]-   | n             | n        | n         | - | - | - | - | -         | - |
| 310 | 57 | Cr-825          | <u>N</u> , <u>N</u> -bis [2- (2- [2-phenoxy]ethoxy) ethoxyethyl]-   | n             | <u>1</u> | <u>13</u> | - | - | - | - | -         | - |
| 311 | 57 | H-151           | 4-bromo- <u>N</u> , <u>N</u> -dimethyl-   | n             | n        | n         | - | - | - | - | -         | - |
| 312 | 57 | Cr-775          | 4-bromo- <u>N</u> -2-methylallyl-   | n             | n        | n         | - | - | - | - | -         | - |
| 313 | 57 | Cr-776          | hydrochloride   | n             | n        | n         | - | - | - | - | -         | - |
| 314 | 57 | Cr-1009         | <u>N</u> - [2- (2-butoxyethoxy) ]ethyl-   | n             | n        | n         | - | - | - | - | -         | - |
| 315 | 25 | 802, 671        | <u>N</u> - <u>tert</u> -butyl-  | n             | n        | n         | - | - | - | - | -         | - |
| 316 | 54 |                 |   |               |          |           |   |   |   |   |           |   |
|     | 46 | 211             | <u>m</u> -chloro-   | n             | n        | n         | - | - | - | - | -         | - |
| 317 | 57 | Cr-841          | <u>p</u> -chloro- <u>N</u> -2- [2- (2- <u>p</u> -chlorophenoxyethoxy) ethoxy]<br>ethyl-                         | n             | n        | n         | - | - | - | - | -         | - |
| 318 | 57 | Cr-839          | <u>p</u> -chloro- <u>N</u> -2- [2- <u>p</u> -chlorophenoxyethoxy]ethyl-   | n             | n        | n         | - | - | - | - | -         | - |
| 319 | 54 |                 | 3-chloro- <u>N</u> - (2, 4-dichlorobenzylidene) -   | n             | n        | n         | - | - | - | - | -         | - |



| Rept. No. | Subm. No. | Subm. Code No. | Name of Chemical  | Concentration in ppm |               |           |     |   |    |     |   |    |   |
|-----------|-----------|----------------|---|----------------------|---------------|-----------|-----|---|----|-----|---|----|---|
|           |           |                |   | 5.0                  |               |           | 1.0 |   |    | 0.1 |   |    |   |
|           |           |                |   | T                    | B             | SL        | T   | B | SL | T   | B | SL |   |
| 320       | 57        | FW-149         | Aniline, 4-chloro- <u>N</u> -(di-4-chlorophenyl) methyl-                            | n                    | -             | n         | -   | - | -  | -   | - | -  | - |
| 321       | 57        | Cr-299         | <u>o</u> -chloro- <u>N,N</u> -dimethyl-   | n                    | n             | n         | -   | - | -  | -   | - | -  | - |
| 322       | 57        | Cr-742         | 2-chloro- <u>N</u> -2-methylallyl-  | <u>2</u>             | n             | n         | -   | - | -  | -   | - | -  | - |
| 323       | 57        | Cr-727         | 4-chloro- <u>N</u> -2-methylallyl-  | n                    | n             | n         | -   | - | -  | -   | - | -  | - |
| 324       | 57        | Cr-728         | hydrochloride   | n                    | n             | n         | -   | - | -  | -   | - | -  | - |
| 325       | 25        | 900,964        | 2-chloro-4-nitro-   | 14                   | n             | n         | -   | - | -  | -   | - | -  | - |
| 326       | 25        | 900,841        | 4-chloro-2-nitro-   | $\frac{1}{2}$        | $\frac{1}{2}$ | <u>13</u> | -   | - | -  | -   | - | -  | - |
| 327       | 54        |                | <u>m</u> -chloro- <u>N</u> -sulfinyl-   | n                    | n             | n         | -   | - | -  | -   | - | -  | - |
| 328       | 54        |                | <u>o</u> -chloro- <u>N</u> -sulfinyl-   | 13                   | 9             | <u>13</u> | -   | - | -  | -   | - | -  | - |
| 329       | 54        |                | <u>p</u> -chloro- <u>N</u> -sulfinyl-   | n                    | n             | n         | -   | - | -  | -   | - | -  | - |
| 330       | 57        | Cr-57          | 3-chloro-4-thiocyano-   | 10 m                 | $\frac{1}{2}$ | 14        | -   | - | -  | -   | - | -  | - |
| 331       | 57        | Cr-1027        | <u>o</u> -chloro- <u>N</u> -triphenylmethyl-  | n                    | n             | n         | -   | - | -  | -   | - | -  | - |
| 332       | 54        |                | 2,5-dichloro-   | 4                    | 13            | <u>7m</u> | -   | - | -  | -   | - | -  | - |
| 333       | 54        |                | 3,4-dichloro-   | 13                   | <u>7m</u>     | n         | -   | - | -  | -   | - | -  | - |
| 334       | 57        | Cr-432         | 2,6-dichloro- <u>N,N</u> -dimethyl-   | n                    | n             | n         | -   | - | -  | -   | - | -  | - |
| 335       | 57        | Lo-50          | diethyl-2,4-dinitro-  | n                    | n             | n         | -   | - | -  | -   | - | -  | - |
| 336       | 46        | 220            | <u>N,N</u> -di-( <u>p</u> -hydroxyethyl)-   | -                    | -             | n         | -   | - | -  | -   | - | -  | - |
| 337       | 46        | 321            | 2,5-dimethoxy-  | n                    | n             | n         | -   | - | -  | -   | - | -  | - |
| 338       | 57        | Cr-99          | <u>N,N</u> -dimethyl-; compd. with ferrocyanic acid                                 | n                    | n             | n         | -   | - | -  | -   | - | -  | - |
| 339       | 49        |                | <u>N,N</u> -dimethyl- <u>p</u> -nitroso-  | 3                    | 2             | 15        | -   | - | -  | -   | - | -  | - |
| 340       | 57        | Cr-327         | <u>N,N</u> -dimethyl- <u>p</u> -thiocyano-; picrate                                 | 1                    | 2             | n         | -   | - | -  | -   | - | -  | - |
| 341       | 25        | 500,056        | 2,4-dinitro-  | -                    | -             | n         | -   | - | -  | -   | - | -  | - |
| 342       | 57        | Cr-447         | 4,4'-dithiodi-2,2'-dichloro- <u>N,N,N',N'</u> -tetramethyl-                         | n                    | n             | n         | -   | - | -  | -   | - | -  | - |
| 343       | 57        | Cr-455         | 4,4'-dithiodi-2,2',6,6'-tetrachloro- <u>N,N,N',N'</u> -tetramethyl-                 | 12                   | n             | n         | -   | - | -  | -   | - | -  | - |
| 344       | 57        | Cr-1110        | <u>N</u> -ethoxymethyl- <u>N</u> -(2-methylallyl)-                                  | n                    | n             | n         | -   | - | -  | -   | - | -  | - |
| 345       | 56        | NP-617         | 4-fluoro-   | n                    | n             | n         | -   | - | -  | -   | - | -  | - |
| 346       | 57        | Cr-722         | <u>N</u> -2-methylallyl-  | n                    | n             | n         | -   | - | -  | -   | - | -  | - |
| 347       | 57        | Cr-723         | hydrochloride   | n                    | n             | n         | -   | - | -  | -   | - | -  | - |
| 348       | 46        | 238            | <u>m</u> -nitro-  | -                    | -             | n         | -   | - | -  | -   | - | -  | - |
| 349       | 46        | 205            | <u>o</u> -nitro-  | -                    | -             | n         | -   | - | -  | -   | - | -  | - |
| 350       | 46        | 208            | <u>p</u> -nitro-  | -                    | -             | n         | -   | - | -  | -   | - | -  | - |
| 351       | 57        | Cr-834         | <u>N</u> -2-(2- <u>o</u> -nitro- <u>p</u> - <u>tert</u> -butylphenoxyethoxy) ethyl- | n                    | n             | <u>14</u> | -   | - | -  | -   | - | -  | - |
| 352       | 25        | 501,143        | 4,4'-oxydi-   | n                    | n             | n         | -   | - | -  | -   | - | -  | - |
| 353       | 56        | NP-897         | pentachloro-  | <u>11</u>            | <u>11</u>     | <u>13</u> | -   | - | -  | -   | - | -  | - |

|     |    |         |  |          |          |           |   |   |   |   |   |   |
|-----|----|---------|--|----------|----------|-----------|---|---|---|---|---|---|
| 354 | 57 | Cr-414  | Aniline, 2-(2-phenoxyethoxy)-                                      | n        | n        | n         | - | - | - | - | - | - |
| 355 | 57 | Cr-413  | hydrochloride  | n        | n        | n         | - | - | - | - | - | - |
| 356 | 54 |         | <u>N</u> -sulfinyl-  | n        | n        | n         | - | - | - | - | - | - |
| 357 | 57 | Cr-1120 | <u>p,p'</u> -sulfinyldi- <u>N,N,N',N'</u> -tetramethyl-            | n        | n        | n         | - | - | - | - | - | - |
| 358 | 57 | Cr-490  | 2,4,6-tribromo-  | <u>3</u> | <u>2</u> | <u>12</u> | - | - | - | - | - | - |
| 359 | 46 | 44      | <u>N</u> -(2,2,2-trichloro-1-ethoxyethyl)-                         | n        | n        | n         | - | - | - | - | - | - |
| 360 | 57 | Cr-1026 | <u>N</u> -triphenylmethyl-   | n        | n        | n         | - | - | - | - | - | - |
| 361 | 49 |         | Anisaldehyde   | n        | n        | n         | - | - | - | - | - | - |
| 362 | 54 |         | <u>p</u> -Anisamidine, <u>N,N'</u> -bis( <u>p</u> -methoxyphenyl)- | 4        | -        | <u>14</u> | - | - | - | - | - | - |
| 363 | 54 |         | <u>N'</u> -(3,4-dimethoxybenzyl)- <u>N</u> -phenyl-                | n        | -        | n         | - | - | - | - | - | - |
| 364 | 54 |         | <u>N</u> -( <u>p</u> -methoxyphenyl)- <u>N'</u> -phenyl-           | <u>6</u> | -        | n         | - | - | - | - | - | - |
| 365 | 25 | 106,616 | <u>p</u> -Anisic acid, 3-allyl-                                    | n        | n        | n         | - | - | - | - | - | - |
| 366 | 49 |         | Anisid   | n        | n        | n         | - | - | - | - | - | - |
| 367 | 49 |         | <u>o</u> -Anisidine; complex with trinitrobenzene                  | 4        | 12       | 12        | - | - | - | - | - | - |
| 368 | 49 |         | compound with 1,3,5-trinitrobenzene                                | 5        | 14       | <u>6</u>  | - | - | - | - | - | - |
| 369 | 25 | 5K0,252 | complex with 1 f. wt. 1,3,5-trinitrobenzene                        | 10       | 10       | 10        | - | - | - | - | - | - |
| 370 | 25 | 900,733 | 5-ethylsulfonyl-   | n        | n        | n         | - | - | - | - | - | - |
| 371 | 46 | 210     | <u>p</u> -Anisidine  | -        | -        | n         | - | - | - | - | - | - |
| 372 | 49 |         | 2-nitro-   | n        | n        | n         | - | - | - | - | - | - |
| 373 | 57 | SM-273  | Anisil   | n        | n        | n         | - | - | - | - | - | - |
| 374 | 49 |         | Anisoin  | n        | n        | n         | - | - | - | - | - | - |
| 375 | 57 | SM-219  | Anisole, acrylylcapryl-  | n        | n        | n         | - | - | - | - | - | - |
| 376 | 49 |         | 2-amino-5-azo-   | 14       | <u>3</u> | n         | - | - | - | - | - | - |
| 377 | 25 | 102,739 | <u>p</u> - <u>tert</u> -butyl-                                     | n        | n        | n         | - | - | - | - | - | - |
| 378 | 58 | O-2439  | 6- <u>tert</u> -butyl-2,4-dinitro-3-methyl-                        | n        | 13       | n         | - | - | - | - | - | - |
| 379 | 57 | Q-135   | <u>p</u> -camphanyl-   | n        | n        | n         | - | - | - | - | - | - |
| 380 | 57 | Cr-1276 | 4-chloro-2,6-dinitro-  | 4        | 5        | <u>2</u>  | - | - | - | - | - | - |
| 381 | 57 | Cr-247  | 2-chloro-4-nitro-  | -        | <u>1</u> | n         | - | - | - | - | - | - |
| 382 | 25 | 904,273 | 2-iodo-4-nitro-  | <u>1</u> | <u>1</u> | <u>9</u>  | - | - | - | - | - | - |
| 383 | 54 |         | 4-nitro-2,3,5,6-tetrachloro-                                       | n        | -        | n         | - | - | - | - | - | - |
| 384 | 57 | SM-478  | <u>p-t</u> -octyl-   | -        | -        | n         | - | - | - | - | - | - |
| 385 | 54 |         | 2,3,5,6-tetrachloro-   | <u>3</u> | <u>3</u> | <u>5</u>  | - | - | - | - | - | - |
| 386 | 54 |         | 2,4,5-trichloro-   | 13       | 9        | n         | - | - | - | - | - | - |
| 387 | 25 | 000,434 | Anthracene   | n        | n        | n         | - | - | - | - | - | - |
| 388 | 57 | Cr-131  | Anthranilic acid; copper (II) salt                                 | 14       | n        | 12        | - | - | - | - | - | - |
| 389 | 46 | 214     | ethyl ester  | -        | -        | n         | - | - | - | - | - | - |
| 390 | 58 | O-3942  | menthyl ester  | n        | n        | n         | - | - | - | - | - | - |
| 391 | 46 | 226     | methyl ester   | -        | -        | n         | - | - | - | - | - | - |
| 392 | 57 | Cr-491  | <u>N</u> -acetyl-  | n        | n        | n         | - | - | - | - | - | - |

| Rept. No. | Subm. No. | Subm. Code No. | Name of Chemical                                      | Concentration in ppm |    |           |     |   |    |     |   |    |
|-----------|-----------|----------------|---|----------------------|----|-----------|-----|---|----|-----|---|----|
|           |           |                |   | 5.0                  |    |           | 1.0 |   |    | 0.1 |   |    |
|           |           |                |   | T                    | B  | SL        | T   | B | SL | T   | B | SL |
| 393       | 57        | Cr-495         | Anthranilic acid, <u>N</u> -acetyl-; copper (II) salt | 13                   | n  | 13        | -   | - | -  | -   | - | -  |
| 394       | 57        | Cr-976         | <u>N</u> -acetyl-5-chloro-                            | n                    | n  | n         | -   | - | -  | -   | - | -  |
| 395       | 57        | Cr-1095        | <u>N</u> -benzoyl-                                    | n                    | n  | n         | -   | - | -  | -   | - | -  |
| 396       | 57        | Cr-1096        | copper (II) salt                                      | 14                   | n  | 14        | -   | - | -  | -   | - | -  |
| 397       | 57        | Cr-1097        | <u>N</u> -benzyl-                                     | n                    | n  | n         | -   | - | -  | -   | - | -  |
| 398       | 57        | Cr-1098        | copper (II) salt                                      | 14                   | n  | 14        | -   | - | -  | -   | - | -  |
| 399       | 25        | 900,003        | 5-chloro-   | n                    | n  | n         | -   | - | -  | -   | - | -  |
| 400       | 57        | Cr-1142        | <u>N</u> -(chloroacetyl)-                             | n                    | n  | n         | -   | - | -  | -   | - | -  |
| 401       | 57        | Cr-1143        | copper (II) salt                                      | 14                   | n  | <u>10</u> | -   | - | -  | -   | - | -  |
| 402       | 57        | Cr-1102        | <u>N</u> -2-methylallyl-                              | n                    | n  | n         | -   | - | -  | -   | - | -  |
| 403       | 57        | Cr-1103        | copper (II) salt                                      | 14                   | n  | <u>3</u>  | -   | - | -  | -   | - | -  |
| 404       | 57        | Cr-1100        | <u>N,N'</u> -methylenedi-                             | n                    | n  | n         | -   | - | -  | -   | - | -  |
| 405       | 57        | Cr-1101        | copper (II) salt                                      | n                    | n  | n         | -   | - | -  | -   | - | -  |
| 406       | 57        | Cr-1106        | <u>N</u> -tridecanoyl-                                | 9                    | n  | <u>14</u> | -   | - | -  | -   | - | -  |
| 407       | 57        | Cr-1107        | copper (II) salt                                      | n                    | n  | n         | -   | - | -  | -   | - | -  |
| 408       | 25        | 100,275        | Anthraquinone   | n                    | n  | n         | -   | - | -  | -   | - | -  |
| 409       | 25        | 500,100        | 2-amino-  | n                    | n  | n         | -   | - | -  | -   | - | -  |
| 410       | 25        | 900,133        | 2-amino-1,3-dibromo-                                  | n                    | n  | n         | -   | - | -  | -   | - | -  |
| 411       | 58        | O-64           | chloro-   | n                    | n  | n         | -   | - | -  | -   | - | -  |
| 412       | 25        | 101,090        | 2-ethyl-  | n                    | n  | n         | -   | - | -  | -   | - | -  |
| 413       | 25        | 101,089        | 2-Anthroic acid, 3-hydroxy-                           | n                    | n  | n         | -   | - | -  | -   | - | -  |
| 414       | 15        |                | Antimony chloride, Sb Cl <sub>3</sub>                 | n                    | n  | n         | -   | - | -  | -   | - | -  |
| 415       | 15        |                | Sb Cl <sub>5</sub>                                    | n                    | n  | n         | -   | - | -  | -   | - | -  |
| 416       | 25        | 500,033        | Antipyrine, 4-amino-                                  | n                    | n  | n         | -   | - | -  | -   | - | -  |
| 417       | 25        | 401,995        | 1-Apocamphaneethanol, 2-chloro-; acetate              | n                    | n  | n         | -   | - | -  | -   | - | -  |
| 418       | 46        | 79             | Aramite   | 10                   | 10 | 10        | -   | - | -  | -   | - | -  |
| 419       | 25        | 500,206        | <u>m</u> -Arsanilic acid, 4-(2-hydroxypropoxy)-       | n                    | n  | n         | -   | - | -  | -   | - | -  |
| 420       | 46        | 84             | Arsenic oxides  | n                    | n  | n         | -   | - | -  | -   | - | -  |
| 421       | 66        |                | Arsenic oxide, As <sub>2</sub> O <sub>3</sub>         | n                    | n  | n         | -   | - | -  | -   | - | -  |
| 422       | 25        | 001,074        | Arsine, tri- <u>p</u> -tolyl-                         | n                    | n  | n         | -   | - | -  | -   | - | -  |
| 423       | 25        | 904,587        | Arsinic acid, phenyl( <u>p</u> -sulfamylphenyl)-      | n                    | n  | n         | -   | - | -  | -   | - | -  |
| 424       | 25        | 402,843        | phenyl( <u>p</u> -sulfophenyl)-                       | n                    | n  | n         | -   | - | -  | -   | - | -  |

|     |    |         |  |          |    |    |   |   |   |   |   |   |
|-----|----|---------|--|----------|----|----|---|---|---|---|---|---|
| 425 | 66 |         | Arsonic acid, 4-hydroxy-3-nitrophenyl- | n        | n  | n  | - | - | - | - | - | - |
| 426 | 66 |         | 4-nitrophenyl-                         | n        | n  | n  | - | - | - | - | - | - |
| 427 | 49 |         | Arsonium, tetraphenyl-; chloride       | n        | n  | n  | - | - | - | - | - | - |
| 428 | 25 | Y00,050 | Astrazonblau B                         | 4        | 4  | 12 | - | - | - | - | - | - |
| 429 | 25 | Y00,051 | Astrazonblau G                         | 13       | 13 | 13 | - | - | - | - | - | - |
| 430 | 25 | Y00,052 | Astrazongelb 3G                        | 6        | n  | 10 | - | - | - | - | - | - |
| 431 | 25 | Y00,053 | Astrazongelb 5G                        | 1        | 12 | 12 | - | - | - | - | - | - |
| 432 | 25 | Y00,054 | Astrazonorange G                       | 7        | n  | 13 | - | - | - | - | - | - |
| 433 | 25 | Y00,055 | Astrazonorange R                       | 10       | 10 | 10 | - | - | - | - | - | - |
| 434 | 25 | Y00,057 | Astrazonrosa FG                        | n        | n  | n  | - | - | - | - | - | - |
| 435 | 25 | Y00,056 | Astrazonrot 6B                         | n        | n  | n  | - | - | - | - | - | - |
| 436 | 25 | 100,578 | Azelaic acid                           | n        | n  | n  | - | - | - | - | - | - |
| 437 | 57 | Cr-375  | Azobenzene, 4,4'-dichloro-             | n        | n  | n  | - | - | - | - | - | - |
| 438 | 46 | 237     | p-dimethylamino-                       | -        | -  | n  | - | - | - | - | - | - |
| 439 | 25 | 904,277 | Azoxybenzene, 4,4'-dibromo-            | n        | n  | n  | - | - | - | - | - | - |
| 440 | 57 | Q-40    | 4,4'-dichloro-                         | n        | n  | n  | - | - | - | - | - | - |
| 441 | 49 |         | <u>m,m'</u> -Azotoluene, 4,4'-diamino- | <u>6</u> | n  | n  | - | - | - | - | - | - |

| Rept. No. | Subm. No. | Subm. Code No. | Name of Chemical                            | Concentration in ppm |           |          |     |    |    |     |   |    |
|-----------|-----------|----------------|---|----------------------|-----------|----------|-----|----|----|-----|---|----|
|           |           |                |   | 5.0                  |           |          | 1.0 |    |    | 0.1 |   |    |
|           |           |                |   | T                    | B         | SL       | T   | B  | SL | T   | B | SL |
| 442       | 49        |                | Barbituric acid, 5,5-dihydroxy-             | 1                    | 3         | 5        | 3   | 14 | 14 | 5   | n | n  |
| 443       | 15        |                | Barium acetate                              | n                    | n         | n        | -   | -  | -  | -   | - | -  |
| 444       | 15        |                | Barium nitrate (electronic grade)           | n                    | n         | n        | -   | -  | -  | -   | - | -  |
| 445       | 15        |                | Barium sulfide (Gray 85%)                   | n                    | n         | n        | -   | -  | -  | -   | - | -  |
| 446       | 25        | 800, 313       |   |                      |           |          |     |    |    |     |   |    |
|           |           | -A1            | Basic orange 3RN                            | n                    | n         | n        | -   | -  | -  | -   | - | -  |
| 447       | 46        | 144            | Benzaldehyde                                | -                    | -         | n        | -   | -  | -  | -   | - | -  |
| 448       | 25        | 801, 381       | azine                                       | 13                   | 13        | n        | -   | -  | -  | -   | - | -  |
| 449       | 57        | Cr-248         | diphenyl acetal                             | -                    | n         | n        | -   | -  | -  | -   | - | -  |
| 450       | 31        | 99             | 3-bromo-4-chloro-; oxime                    | 5                    | 5         | <u>2</u> | -   | -  | -  | -   | - | -  |
| 451       | 58        | O-5770         | <u>o</u> -butoxy-                           | n                    | n         | n        | -   | -  | -  | -   | - | -  |
| 452       | 31        | 636            | <u>o</u> -chloro-; thiosemicarbazone        | -                    | -         | n        | -   | -  | -  | -   | - | -  |
| 453       | 46        | 146            | <u>p</u> -chloro-                           | n                    | <u>13</u> | n        | -   | -  | -  | -   | - | -  |
| 454       | 31        | 472            | 2,4-dichloro-; azine                        | n                    | n         | n        | -   | -  | -  | -   | - | -  |
| 455       | 31        | 290            | polyvinyl acetal                            | n                    | n         | n        | -   | -  | -  | -   | - | -  |
| 456       | 54        |                | thiosemicarbazone                           | n                    | n         | n        | -   | -  | -  | -   | - | -  |
| 457       | 31        | 635            | 2,6-dichloro-; oxime                        | n                    | n         | n        | -   | -  | -  | -   | - | -  |
| 458       | 46        | 148            | 3,4-dichloro-                               | n                    | n         | n        | -   | -  | -  | -   | - | -  |
| 459       | 31        | 63             | oxime                                       | 6                    | 9         | <u>9</u> | -   | -  | -  | -   | - | -  |
| 460       | 31        | 313            | oxime, copper addn. compound                | 14                   | 14        | 14       | -   | -  | -  | -   | - | -  |
| 461       | 31        | 78             | 3,4-dichloro-2-(3,4-dichlorobenzyl)-; oxime | n                    | n         | n        | -   | -  | -  | -   | - | -  |
| 462       | 25        | 802, 259       | <u>p</u> -dimethylamino-; thiosemicarbazone | -                    | -         | n        | -   | -  | -  | -   | - | -  |
| 463       | 25        | 508, 450       | 2,4-dinitro-                                | -                    | -         | n        | -   | -  | -  | -   | - | -  |
| 464       | 58        | O-5868         |   |                      |           |          |     |    |    |     |   |    |
|           |           | -a             | <u>o</u> -hexyloxy-                         | 9                    | 3         | 3        | n   | n  | n  | n   | n | n  |
| 465       | 46        | 147            | <u>p</u> -hydroxy-                          | -                    | -         | n        | -   | -  | -  | -   | - | -  |
| 466       | 31        | 293            | oxime                                       | n                    | n         | n        | -   | -  | -  | -   | - | -  |
| 467       | 25        | 902, 230       | thiosemicarbazone                           | 13                   | <u>13</u> | 13       | -   | -  | -  | -   | - | -  |
| 468       | 31        | 89             | 3-nitro-4-chloro-; oxime                    | 9                    | <u>9</u>  | n        | -   | -  | -  | -   | - | -  |
| 469       | 58        | O-5769         | <u>o</u> -pentyloxy-                        | 14                   | 14        | <u>4</u> | -   | -  | -  | -   | - | -  |
| 470       | 46        | 149            | 2,3,6-trichloro-                            | 13                   | <u>1</u>  | n        | -   | -  | -  | -   | - | -  |
| 471       | 25        | 102, 482       | 2,4,6-trimethyl-                            | -                    | -         | <u>6</u> | -   | -  | -  | -   | - | -  |
| 472       | 57        | Cr-806         | Benzamide                                   | n                    | n         | n        | -   | -  | -  | -   | - | -  |
| 473       | 57        | Cr-687         | 2-benzyloxy-                                | n                    | n         | n        | -   | -  | -  | -   | - | -  |
| 474       | 56        | NP-1339        | <u>N</u> -octadecylpentachloro-             | n                    | n         | n        | -   | -  | -  | -   | - | -  |

|     |    |         |  |               |               |           |   |   |   |   |   |   |
|-----|----|---------|--|---------------|---------------|-----------|---|---|---|---|---|---|
| 475 | 57 | He-478  | Benzanilide, 4'-benzoyl-   | n             | n             | n         | - | - | - | - | - | - |
| 476 | 57 | Cr-685  | 2-benzyloxy-   | n             | n             | n         | - | - | - | - | - | - |
| 477 | 57 | Lo-67   | 4-chloro-4'-nitro-   | n             | n             | n         | - | - | - | - | - | - |
| 478 | 57 | Cr-748  | <u>N</u> -2-methylallyl-   | 14            | <u>2</u>      | n         | - | - | - | - | - | - |
| 479 | 46 | 222     | Benzene, 2-amino-1,4-dimethoxy-  | -             | -             | n         | - | - | - | - | - | - |
| 480 | 46 | 207     | 4-amino-1,3-dimethyl-  | -             | -             | n         | - | - | - | - | - | - |
| 481 | 57 | Cr-211  | 1-(benzyloxy)-2-methoxy-   | n             | n             | n         | - | - | - | - | - | - |
| 482 | 46 | 328     | <u>p</u> -bis( <u>p</u> -chlorobenzyloxy)-   | n             | n             | n         | - | - | - | - | - | - |
| 483 | 25 | 001,068 | 2,4-bis(chloromethyl)-1,3,5-trimethyl-   | n             | n             | n         | - | - | - | - | - | - |
| 484 | 57 | FW-37   | 1,3-bis(chlorosulfonyl)-4-methoxy-   | 3             | -             | n         | - | - | - | - | - | - |
| 485 | 57 | Cr-421  | 1,3-bis(2-phenoxyethoxy)-  | n             | <u>4</u>      | n         | - | - | - | - | - | - |
| 486 | 28 |         | 1-bromo-3-nitro-   | n             | n             | n         | - | - | - | - | - | - |
| 487 | 25 | 900,069 | 1-bromo-4-nitro-   | 13            | n             | n         | - | - | - | - | - | - |
| 488 | 25 | 402,838 | 1-(3-chloroallyloxy)-4-methoxy-  | n             | n             | n         | - | - | - | - | - | - |
| 489 | 58 | O-4644  | chloro-; and carbon tetrachloride reaction product   | 9             | n             | n         | - | - | - | - | - | - |
| 490 | 57 | Q-238   | <u>p</u> -chloronitro-   | 10            | n             | n         | - | - | - | - | - | - |
| 491 | 54 |         | 3-chloronitro-   | $\frac{1}{2}$ | n             | n         | - | - | - | - | - | - |
| 492 | 54 |         | 4-chloronitro-   | n             | n             | n         | - | - | - | - | - | - |
| 493 | 57 | SM-48   | crotonyl-  | n             | n             | n         | - | - | - | - | - | - |
| 494 | 57 | SM-465  | crotonyldiisopropyl-   | 2             | 13            | 13        | - | - | - | - | - | - |
| 495 | 25 | 000,712 | <u>p</u> -dibromo-   | 3             | -             | n         | - | - | - | - | - | - |
| 496 | 39 | CS-919  | 1-(1,2-dibromoethyl)- <u>x</u> -nitro-   | $\frac{1}{2}$ | 2             | 10        | - | - | - | - | - | - |
| 497 | 7  |         | <u>m</u> -dichloro-  | -             | -             | n         | - | - | - | - | - | - |
| 498 | 28 |         | <u>o</u> -dichloro-  | $\frac{1}{2}$ | <u>2</u>      | <u>3</u>  | - | - | - | - | - | - |
|     | 7  |         | "ditto"  | -             | -             | n         | - | - | - | - | - | - |
|     | 25 | 000,455 | "ditto"  | 2             | -             | n         | - | - | - | - | - | - |
| 499 | 28 |         | <u>x</u> , <u>x</u> -dichloro- <u>x</u> -nitro-; mixture of isomers<br>("Tarophen CNB 33") | 5             | -             | <u>14</u> | - | - | - | - | - | - |
| 500 | 28 |         | 1,2-dichloro-4-nitro-  | $\frac{1}{2}$ | -             | n         | - | - | - | - | - | - |
| 501 | 28 |         | 1,4-dichloro-2-nitro-  | $\frac{1}{2}$ | -             | n         | - | - | - | - | - | - |
|     | 25 | 900,827 | "ditto"  | 13            | $\frac{1}{2}$ | n         | - | - | - | - | - | - |
| 502 | 57 | Cr-244  | 2,5-dichloro-1-nitro-  | -             | $\frac{1}{4}$ | n         | - | - | - | - | - | - |
| 503 | 54 |         | 3,4-dichloro-1-nitro-  | <u>3</u>      | <u>3</u>      | n         | - | - | - | - | - | - |
| 504 | 57 | Lo-58   | 2,4-dinitro-; morpholide   | n             | n             | n         | - | - | - | - | - | - |
| 505 |    |         | 1,3-dinitro-2,4,5-trichloro-; from dehydrochlorinated<br>BHC isomers                       | 1             | 1             | 13        | - | - | - | - | - | - |
| 506 | 25 | 106,647 | <u>p</u> -di- <u>p</u> -toluoyl-   | n             | n             | n         | - | - | - | - | - | - |
| 507 | 46 | 111     | hexachloro-  | n             | n             | n         | - | - | - | - | - | - |
| 508 | 54 |         | 1-nitro-2,3,5,6-tetrachloro-   | <u>5</u>      | -             | n         | - | - | - | - | - | - |

| Rept. No. | Subm. No. | Code No. | Name of Chemical  | Concentration in ppm |          |           |     |   |    |     |   |    |   |   |
|-----------|-----------|----------|---|----------------------|----------|-----------|-----|---|----|-----|---|----|---|---|
|           |           |          |   | 5.0                  |          |           | 1.0 |   |    | 0.1 |   |    |   |   |
|           |           |          |   | T                    | B        | SL        | T   | B | SL | T   | B | SL |   |   |
| 509       | 58        | O-4648   | Benzene, 5-nitro-2-β, β, β-trichloro- <i>a</i> -hydroxyethoxy-1-β, β, β-trichloro- <i>a</i> -hydroxyethyl-; anhydro | -                    | -        | n         | -   | - | -  | -   | - | -  | - | - |
| 510       | 57        | V-43     | octyl-  | n                    | n        | n         | -   | - | -  | -   | - | -  | - | - |
| 511       | 7         |          | 1, 2, 3, 4-tetrachloro-   | -                    | -        | <u>6</u>  | -   | - | -  | -   | - | -  | - | - |
| 512       | 28        |          | 1, 2, 4, 5-tetrachloro-   | n                    | n        | n         | -   | - | -  | -   | - | -  | - | - |
| 513       | 56        | NP-1141  | tetrachloro-nitro-  | <u>6</u>             | <u>2</u> | n         | -   | - | -  | -   | - | -  | - | - |
| 514       | 49        |          | 1, 3, 5-triamino-   | n                    | n        | n         | -   | - | -  | -   | - | -  | - | - |
| 515       | 49        |          | trihydrochloride  | n                    | n        | n         | -   | - | -  | -   | - | -  | - | - |
| 516       | 57        | He-472   | 1, 2, 4-tribenzyloxy-   | n                    | n        | n         | -   | - | -  | -   | - | -  | - | - |
| 517       | 29        |          | 1, 2, 4-trichloro-  | 12                   | <u>2</u> | <u>12</u> | -   | - | -  | -   | - | -  | - | - |
|           | 25        | 000, 005 | "ditto"   | 3                    | -        | n         | -   | - | -  | -   | - | -  | - | - |
| 518       | 57        | Q-115    | 1, 3, 5-tri ( <i>p</i> -chlorophenyl) -   | n                    | n        | n         | -   | - | -  | -   | - | -  | - | - |
| 519       | 57        | Q-89     | 1, 3, 5-triphenyl-  | n                    | n        | n         | -   | - | -  | -   | - | -  | - | - |
| 520       | 57        | Mr-27    | 1, 3, 5-tris (dimethylaminomethyl) -; trismethiodide  | n                    | n        | n         | -   | - | -  | -   | - | -  | - | - |
| 521       | 25        | 900, 820 | Benzenearsonic acid, <i>p</i> -(4-biphenylsulfamyl) -   | n                    | n        | n         | -   | - | -  | -   | - | -  | - | - |
| 522       | 25        | 500, 196 | 4-hydroxy-3-nitro-  | n                    | n        | n         | -   | - | -  | -   | - | -  | - | - |
| 523       | 25        | 900, 769 | <i>p</i> -sulfamyl-   | n                    | n        | n         | -   | - | -  | -   | - | -  | - | - |
| 524       | 25        | 904, 404 | Benzenearsonous acid, <i>p</i> -(dimethylsulfamyl) -  | n                    | n        | n         | -   | - | -  | -   | - | -  | - | - |
| 525       | 25        | 106, 606 | <i>p</i> -Benzenediabetic acid, 2, 5-dihydroxy-   | n                    | n        | n         | -   | - | -  | -   | - | -  | - | - |
| 526       | 25        | 510, 561 | <i>m</i> -Benzenedicarbamic acid; diisopropyl ester   | n                    | n        | n         | -   | - | -  | -   | - | -  | - | - |
| 527       | 57        | FW-38    | <i>m</i> -Benzenedisulfinic acid, 4-methoxy-; disodium salt   | n                    | n        | n         | -   | - | -  | -   | - | -  | - | - |
| 528       | 49        |          | <i>p</i> -Benzenedisulfonic acid, 5-amino-  | n                    | n        | n         | -   | - | -  | -   | - | -  | - | - |
| 529       | 57        | Lo-149   | Benzenemethanethiol, <i>p</i> -chloro- <i>S</i> -(4, 5-dihydroimidazol-2-yl) -; hydrochloride                       | 4                    | n        | n         | -   | - | -  | -   | - | -  | - | - |
| 530       | 25        | 402, 650 | Benzenephosphonic acid; dioctyl ester   | n                    | n        | n         | -   | - | -  | -   | - | -  | - | - |
| 531       | 57        | FW-26    | Benzenesulfinic acid, <i>m</i> -nitro-; sodium salt   | n                    | n        | n         | -   | - | -  | -   | - | -  | - | - |
| 532       | 63        | O-5206   | Benzenesulfonamide; and 10 moles propylene oxide, condensation product  | -                    | -        | n         | -   | - | -  | -   | - | -  | - | - |
| 533       | 63        | O-5218   | and 24 moles propylene oxide, condensation product  | -                    | -        | n         | -   | - | -  | -   | - | -  | - | - |
| 534       | 25        | 901, 276 | <i>p</i> -arsenoso-   | n                    | n        | n         | -   | - | -  | -   | - | -  | - | - |
| 535       | 57        | Cr-703   | <i>p</i> -benzyloxy-  | n                    | n        | n         | -   | - | -  | -   | - | -  | - | - |
| 536       | 57        | Cr-1584  | <i>N</i> , <i>N</i> -bis [2-(2-butoxyethoxy) ethyl] - <i>x</i> , <i>x</i> -diisopropyl-                             | n                    | n        | n         | -   | - | -  | -   | - | -  | - | - |
| 537       | 57        | Q-205    | <i>N</i> -( <i>p</i> -bromophenyl) - <i>p</i> -chloro-  | n                    | n        | n         | -   | - | -  | -   | - | -  | - | - |

|     |    |          |   |          |           |           |   |   |   |   |   |
|-----|----|----------|---|----------|-----------|-----------|---|---|---|---|---|
| 538 | 25 | 900, 720 | Benzenesulfonamide, <u>N</u> -butyl-                | 2        | n         | 14        | - | - | - | - | - |
| 539 | 63 | O-3260   | with 4 moles propylene oxide, condensation product  | -        | -         | n         | - | - | - | - | - |
| 540 | 25 | 900, 726 | <u>N,N</u> -dibutyl-                                | 1        | 12        | <u>12</u> | - | - | - | - | - |
| 541 | 63 | O-3731   | <u>N,N</u> -di-carboxyethyl-                        | -        | -         | n         | - | - | - | - | - |
| 542 | 63 | O-3436   | di-propyl ester                                     | -        | -         | n         | - | - | - | - | - |
| 543 | 25 | 904, 401 | <u>p</u> -dichloroarsino-                           | n        | n         | n         | - | - | - | - | - |
| 544 | 25 | 901, 449 | <u>N,N</u> -diethyl-                                | n        | n         | n         | - | - | - | - | - |
| 545 | 57 | Cr-1576  | <u>x,x</u> -diisopropyl-                            | n        | n         | n         | - | - | - | - | - |
| 546 | 25 | 900, 895 | <u>N</u> -ethyl-                                    | n        | n         | n         | - | - | - | - | - |
| 547 | 63 | O-3533   | <u>N</u> -ethyl- <u>N</u> -carboxyethyl-            | -        | -         | n         | - | - | - | - | - |
| 548 | 25 | 901, 030 | <u>N</u> -isopropyl-                                | n        | n         | n         | - | - | - | - | - |
| 549 | 63 | O-3458   | -T keryl-   | n        | n         | n         | - | - | - | - | - |
| 550 | 63 | O-3500   | <u>N</u> -kerylphenyl-                              | -        | -         | n         | - | - | - | - | - |
| 551 | 57 | Cr-1580  | Benzenesulfonanilide, <u>x,x</u> -diisopropyl-      | n        | 14        | <u>14</u> | - | - | - | - | - |
| 552 | 57 | Cr-1610  | <u>x,x</u> -diisopropyl-4'-nitro-; sodium salt      | 4        | 9         | <u>9</u>  | - | - | - | - | - |
| 553 | 57 | Q-228    | 4-fluoro-   | n        | n         | n         | - | - | - | - | - |
| 554 | 57 | Q-230    | sodium salt   | n        | n         | n         | - | - | - | - | - |
| 555 | 25 | 401, 124 | Benzenesulfonic acid; butyl ester                   | n        | n         | n         | - | - | - | - | - |
| 556 | 63 | C-3883   | "ditto"   | n        | n         | n         | - | - | - | - | - |
| 557 | 63 | O-4226   | cetylpyridinium salt                                | 1        | 4         | 10        | - | - | - | - | - |
| 558 | 25 | 401, 337 | diethylene glycol diester                           | 2        | 13        | <u>2</u>  | - | - | - | - | - |
| 559 | 25 | 401, 335 | ethylene glycol diester                             | n        | <u>14</u> | n         | - | - | - | - | - |
| 560 | 25 | 401, 254 | ethyl ester   | n        | n         | n         | - | - | - | - | - |
| 561 | 63 | O-2359   | 2-ethylhexyl ester                                  | n        | n         | n         | - | - | - | - | - |
| 562 | 63 | O-3372   | glyceryl ester                                      | -        | -         | n         | - | - | - | - | - |
| 563 | 63 | O-4221   | laurylpyridinium salt                               | 4        | n         | n         | - | - | - | - | - |
| 564 | 25 | 400, 932 | methyl ester  | n        | n         | n         | - | - | - | - | - |
| 565 | 63 | O-2308   | -C 2-phenoxyethyl ester                             | <u>3</u> | <u>2</u>  | n         | - | - | - | - | - |
| 566 | 63 | O-3748   | phenyl ester  | <u>2</u> | -         | <u>2</u>  | - | - | - | - | - |
| 567 | 25 | 401, 194 | propyl ester  | n        | n         | n         | - | - | - | - | - |
| 568 | 49 |          | 2-amino-6-(4-aminoanilino)-                         | n        | n         | n         | - | - | - | - | - |
| 569 | 25 | 905, 120 | -65 <u>p</u> -(2-amino-1-naphthylazo)-; sodium salt | n        | n         | n         | - | - | - | - | - |
| 570 | 57 | Cr-802   | <u>p</u> -benzyl-                                   | n        | n         | n         | - | - | - | - | - |
| 571 | 57 | Cr-800   | barium salt   | n        | n         | n         | - | - | - | - | - |
| 572 | 57 | Cr-804   | potassium salt                                      | n        | n         | n         | - | - | - | - | - |



| Rept. No. | Subm. No. | Subm. Code No. | Name of Chemical   | Concentration in ppm |                |                |               |    |    |     |   |    |
|-----------|-----------|----------------|--|----------------------|----------------|----------------|---------------|----|----|-----|---|----|
|           |           |                |  | 5.0                  |                |                | 1.0           |    |    | 0.1 |   |    |
|           |           |                |  | T                    | B              | SL             | T             | B  | SL | T   | B | SL |
| 573       | 57        | Cr-690         | Benzenesulfonic acid, <u>p</u> -benzyloxy-; aniline salt | n                    | n              | n              | -             | -  | -  | -   | - | -  |
| 574       | 63        | O-2648         | <u>x-sec</u> -butyl-; butyl ester                        | $\frac{1}{2}$        | $\frac{1}{2}$  | n              | -             | -  | -  | -   | - | -  |
| 575       | 63        | O-3452         | isobutyl ester   | $\frac{1}{2}$        | 13             | n              | -             | -  | -  | -   | - | -  |
| 576       | 63        | O-3587         | phenyl ester   | n                    | $\frac{13}{2}$ | n              | -             | -  | -  | -   | - | -  |
| 577       | 57        | Cr-530         | 5- <u>tert</u> -butyl-2-hydroxy-                         | n                    | n              | n              | -             | -  | -  | -   | - | -  |
| 578       | 57        | Cr-527         | disodium salt  | n                    | n              | n              | -             | -  | -  | -   | - | -  |
| 579       | 25        | Y01, 511       | <u>p</u> -chloro-; alkyltrimethyl ammonium salt          | 10                   | 10             | 10             | -             | -  | -  | -   | - | -  |
| 580       | 42        |                | <u>p</u> -chlorobenzyl ester (50% active)                | -                    | -              | n              | -             | -  | -  | -   | - | -  |
| 581       | 57        | Q-201          | <u>p</u> -chlorophenyl ester                             | n                    | n              | n              | -             | -  | -  | -   | - | -  |
| 582       | 57        | Q-207          | 2,4-dichlorophenyl ester                                 | n                    | n              | n              | -             | -  | -  | -   | - | -  |
| 583       | 57        | Q-200          | dinitrocaprylphenyl ester                                | 1                    | 4              | 3              | 4             | 12 | 12 | n   | n | n  |
| 584       | 57        | Q-210          | dinitrocyclohexylphenyl ester                            | 7                    | $\frac{11}{2}$ | $\frac{11}{2}$ | -             | -  | -  | -   | - | -  |
| 585       | 57        | Q-215          | dinitroisopropylphenyl ester                             | 1                    | $\frac{13}{2}$ | 5              | $\frac{2}{2}$ | n  | 12 | n   | n | n  |
| 586       | 57        | Q-206          | 2,4-dinitrophenyl ester                                  | $\frac{1}{2}$        | 1              | 14             | -             | -  | -  | -   | - | -  |
| 587       | 57        | Q-214          | isopropylphenyl ester                                    | n                    | n              | n              | -             | -  | -  | -   | - | -  |
| 588       | 57        | SM-408         | <u>p</u> -methoxyphenyl ester                            | -                    | -              | n              | -             | -  | -  | -   | - | -  |
| 589       | 57        | Q-202          | <u>p</u> -methylphenyl ester                             | n                    | $\frac{3}{2}$  | n              | -             | -  | -  | -   | - | -  |
| 590       | 57        | Q-204          | <u>p</u> -nitrophenyl ester                              | $\frac{1}{2}$        | n              | n              | -             | -  | -  | -   | - | -  |
| 591       | 57        | Q-218          | 6-phenyl-2,4-dinitrophenyl ester                         | 10                   | $\frac{6}{2}$  | 14             | -             | -  | -  | -   | - | -  |
| 592       | 57        | ER-162         | 4-chloro- <u>x</u> -ethyl-; pyridine salt                | n                    | -              | n              | -             | -  | -  | -   | - | -  |
| 593       | 57        | Lo-566         | <u>p</u> -chlorothioli-; trichloromethyl ester           | $\frac{1}{2}$        | 2              | 6              | 4             | 4  | 14 | n   | n | n  |
| 594       | 57        | SM-418         | 3,4-dichloro-; 4- <u>t</u> -butylphenyl ester            | -                    | -              | n              | -             | -  | -  | -   | - | -  |
| 595       | 57        | SM-422         | 2-caprylphenyl ester                                     | -                    | -              | n              | -             | -  | -  | -   | - | -  |
| 596       | 57        | Q-212          | dinitrocaprylphenyl ester                                | 11                   | $\frac{11}{2}$ | $\frac{16}{2}$ | -             | -  | -  | -   | - | -  |
| 597       | 57        | Lo-567         | 3,4-dichlorothioli-; trichloromethyl ester               | $\frac{1}{2}$        | $\frac{1}{2}$  | 14             | -             | -  | -  | -   | - | -  |
| 598       | 25        | 402, 840       |  |                      |                |                |               |    |    |     |   |    |
|           |           | -65            | <u>p</u> -diiodoarsino-; sodium salt                     | n                    | n              | n              | -             | -  | -  | -   | - | -  |
| 599       | 57        | Cr-1638        | <u>x, x</u> -diisopropyl-; 2-(2-thiocyanoethyl) ester    | n                    | n              | n              | -             | -  | -  | -   | - | -  |
| 600       | 25        | 905, 118       | <u>m</u> -(2-hydroxy-1-naphthylazo)-                     | n                    | n              | n              | -             | -  | -  | -   | - | -  |
| 601       | 25        | 905, 119       | <u>m</u> -(4-hydroxy-1-naphthylazo)-                     | n                    | n              | n              | -             | -  | -  | -   | - | -  |
| 602       | 63        | O-4495         |  |                      |                |                |               |    |    |     |   |    |
|           |           | -3             | keryl-; ammonium salt                                    | -                    | -              | n              | -             | -  | -  | -   | - | -  |
| 603       | 63        | O-4495         |  |                      |                |                |               |    |    |     |   |    |
|           |           | -4             | ethanolamine salt  | 13                   | n              | n              | -             | -  | -  | -   | - | -  |

|     |    |          |  |          |    |          |   |   |   |   |   |
|-----|----|----------|--|----------|----|----------|---|---|---|---|---|
| 604 | 63 | O-4495   |  |          |    |          |   |   |   |   |   |
|     |    | -6       | Benzenesulfonic acid, keryl-; ethylenediamine salt     | -        | -  | n        | - | - | - | - | - |
| 605 | 63 | O-4495   |  |          |    |          |   |   |   |   |   |
|     |    | -2       | potassium salt   | -        | -  | n        | - | - | - | - | - |
| 606 | 63 | O-4495   |  |          |    |          |   |   |   |   |   |
|     |    | -1       | sodium salt  | -        | -  | n        | - | - | - | - | - |
| 607 | 63 | O-3252   | sodium salt, chlorinated (?)                           | n        | n  | n        | - | - | - | - | - |
| 608 | 63 | O-4495   |  |          |    |          |   |   |   |   |   |
|     |    | -5       | triethanolamine salt                                   | -        | -  | n        | - | - | - | - | - |
| 609 | 25 | Y01, 513 | p-(1-methylbutyl)-; alkyltrimethylammonium salt        | 6        | 12 | 12       | - | - | - | - | - |
| 610 | 57 | Q-221    | p-nitro-; p-chlorophenyl ester                         | n        | n  | n        | - | - | - | - | - |
| 611 | 57 | Q-223    | dinitrocaprylphenyl ester                              | 4        | 13 | 13       | - | - | - | - | - |
| 612 | 57 | FW-5     | 4-nitrothiol-; trichloromethyl ester                   | 1        | 1  | 12       | - | - | - | - | - |
| 613 | 63 | O-2412   | x-octyl-; butyl ester                                  | -        | -  | n        | - | - | - | - | - |
| 614 | 63 | O-2428   | phenyl ester   | -        | -  | n        | - | - | - | - | - |
| 615 | 57 | FW-80    | 4,4'-oxydi-; diester with 2,2,2-trichloroethanol       | n        | n  | n        | - | - | - | - | - |
| 616 | 25 | 404, 040 | thiol-; phenyl ester                                   | 1        | 9  | n        | - | - | - | - | - |
| 617 | 25 | 402, 608 | Benzenesulfonyl chloride                               | -        | -  | n        | - | - | - | - | - |
| 618 | 63 | O-2375   | decyl-   | -        | -  | n        | - | - | - | - | - |
| 619 | 57 | Cr-1568  | x,x-diisopropyl-                                       | n        | n  | n        | - | - | - | - | - |
| 620 | 63 | O-2376   | dodecyl-   | -        | -  | n        | - | - | - | - | - |
| 621 | 63 | O-2386   | keryl-   | -        | -  | n        | - | - | - | - | - |
| 622 | 39 | CS-991   | x,x,x-trichloro-                                       | 4        | 4  | 4        | n | n | n | n | n |
| 623 | 54 |          | Benzenethiol   | 6        | n  | n        | - | - | - | - | - |
| 624 | 57 | Cr-114   | copper salt  | n        | n  | n        | - | - | - | - | - |
| 625 | 57 | WC-17    | cyclohexylammonium salt                                | 14       | n  | n        | - | - | - | - | - |
| 626 | 25 | 903, 554 | p-nitro-   | n        | n  | n        | - | - | - | - | - |
| 627 | 25 | 001, 141 |  |          |    |          |   |   |   |   |   |
|     |    | -50      | 2,4,6-tribromo-; silver derivative                     | n        | n  | n        | - | - | - | - | - |
| 628 | 25 | 107, 564 | 1,2,4-Benzenetriol, x- <u>tert</u> -butyl-; triacetate | n        | n  | n        | - | - | - | - | - |
| 629 | 25 | 107, 558 | x-phenyl-  | n        | n  | n        | - | - | - | - | - |
| 630 | 57 | Mr-46    | Benzhydrol, 4-chloro- <i>a</i> -ethynyl-               | <u>3</u> | n  | <u>5</u> | - | - | - | - | - |
| 631 | 57 | ER-41    | 4,4'-dichloro- <i>a</i> -methyl-                       | <u>4</u> | -  | <u>4</u> | - | - | - | - | - |
| 632 | 46 | 62       | carbamate  | n        | n  | n        | - | - | - | - | - |
| 633 | 57 | Mr-37    | 4,4'-dichloro- <i>a</i> -vinyl-                        | <u>1</u> | n  | n        | - | - | - | - | - |
| 634 | 25 | 105, 413 | <i>a</i> -propyl-                                      | -        | -  | n        | - | - | - | - | - |
| 635 | 57 | FW-112   | 3,3',4,4'-tetrachloro- <i>a</i> -methyl-               | n        | n  | n        | - | - | - | - | - |
| 636 | 25 | 102, 848 | Benzil   | n        | 14 | n        | - | - | - | - | - |
| 637 | 25 | 103, 332 | Benzilic acid  | n        | n  | n        | - | - | - | - | - |

| Rept. No. | Subm. No. | Subm. Code No. | Name of Chemical  | Concentration in ppm |    |    |     |   |    |     |   |    |
|-----------|-----------|----------------|---|----------------------|----|----|-----|---|----|-----|---|----|
|           |           |                |   | 5.0                  |    |    | 1.0 |   |    | 0.1 |   |    |
|           |           |                |   | T                    | B  | SL | T   | B | SL | T   | B | SL |
| 638       | 49        |                | Benzimidazole   | n                    | n  | n  | -   | - | -  | -   | - | -  |
| 639       | 31        | 606            | 2-phenyl-   | -                    | -  | n  | -   | - | -  | -   | - | -  |
| 640       | 57        | ER-148         | Benzimidic acid; ester with 2, 2-bis (p-chlorophenyl) vinyl alcohol | n                    | -  | n  | -   | - | -  | -   | - | -  |
| 641       | 25        | 106, 631       | 1 H-Benz [f] indene, 2, 3-dihydro-                                  | 2                    | 4  | 12 | -   | - | -  | -   | - | -  |
| 642       | 25        | 802, 674       | 11 H-Benzo [a] carbazole  | 9                    | 9  | n  | -   | - | -  | -   | - | -  |
| 643       | 25        | 802, 674       |   |                      |    |    |     |   |    |     |   |    |
|           |           | -61            | potassium derivative  | n                    | n  | n  | -   | - | -  | -   | - | -  |
| 644       | 58        | O-2369         |   |                      |    |    |     |   |    |     |   |    |
|           |           | -a             | 1, 3-Benzodioxan, 2, 4-bis (trichloromethyl) -6-nitro-              | n                    | n  | n  | -   | - | -  | -   | - | -  |
| 645       | 57        | WC-38          | 1, 3-Benzodioxane, 6-chloro-8 (2-mercaptomethylimidazolyl) -;       |                      |    |    |     |   |    |     |   |    |
|           |           |                | hydrochloride   | n                    | n  | n  | -   | - | -  | -   | - | -  |
| 646       | 57        | Cr-848         | Benzofuran, 5, 7-dibromo-2, 3-dihydro-2, 2-dimethyl-                | n                    | n  | n  | -   | - | -  | -   | - | -  |
| 647       | 57        | Cr-401         | 2, 3-dihydro-2, 2-dimethyl-   | n                    | n  | n  | -   | - | -  | -   | - | -  |
| 648       | 57        | Cr-853         | 2, 3-dihydro-2, 2-dimethyl-5-nitro-                                 | n                    | n  | n  | -   | - | -  | -   | - | -  |
| 649       | 25        | 502, 572       | Benzohydroxamic acid  | n                    | n  | n  | -   | - | -  | -   | - | -  |
| 650       | 58        | O-3894         |   |                      |    |    |     |   |    |     |   |    |
|           |           | -a             | Benzoic acid; 2-chloroallyl ester                                   | 12                   | 12 | n  | -   | - | -  | -   | - | -  |
| 651       | 46        | 31             | p-chlorobenzyl ester  | n                    | n  | n  | -   | - | -  | -   | - | -  |
| 652       | 25        | 401, 979       | chloromethyl ester  | -                    | -  | n  | -   | - | -  | -   | - | -  |
| 653       | 58        | O-3806         |   |                      |    |    |     |   |    |     |   |    |
|           |           | -a             | 2-chlorophenyl ester  | 12                   | 1  | n  | -   | - | -  | -   | - | -  |
| 654       | 58        | O-8136         | 3, 3-dimethyl-5-methylcyclohexyl ester                              | n                    | n  | n  | -   | - | -  | -   | - | -  |
| 655       | 58        | O-8123         |   |                      |    |    |     |   |    |     |   |    |
|           |           | -a             | 3, 5-dimethylphenyl ester   | n                    | n  | n  | -   | - | -  | -   | - | -  |
| 656       | 58        | O-156          | 2, 4-dinitro-6-cyclohexylphenyl ester                               | 4                    | 5  | 14 | -   | - | -  | -   | - | -  |
| 657       | 25        | 401, 981       | ethyl ester   | n                    | n  | n  | -   | - | -  | -   | - | -  |
| 658       | 57        | SM-412         | p-methoxyphenyl ester   | 13                   | n  | n  | -   | - | -  | -   | - | -  |
| 659       | 57        | Cr-92          | methyl ester  | 14                   | 14 | n  | -   | - | -  | -   | - | -  |
| 660       | 58        | O-8109         | a-methylbenzyl ester  | n                    | n  | n  | -   | - | -  | -   | - | -  |
| 661       | 58        | O-8135         | 3-methylbenzyl ester  | n                    | n  | n  | -   | - | -  | -   | - | -  |
| 662       | 25        | 100, 384       |   |                      |    |    |     |   |    |     |   |    |
|           |           | -68            | nickel (II) salt  | n                    | n  | n  | -   | - | -  | -   | - | -  |
| 663       | 57        | Cr-1115        | m-acetamido-  | n                    | n  | n  | -   | - | -  | -   | - | -  |
| 664       | 57        | Cr-1092        | p-acetamido-  | n                    | n  | n  | -   | - | -  | -   | - | -  |

|     |    |           |   |    |   |    |   |   |   |   |   |   |
|-----|----|-----------|---|----|---|----|---|---|---|---|---|---|
| 665 | 57 | Cr-1093   | Benzoic acid, <i>p</i> -acetamido-; copper (II) salt          | 14 | n | 14 | - | - | - | - | - | - |
| 666 | 25 | 105,993   | <i>o</i> -( <i>p</i> -acetylbenzoyl)-                         | n  | n | n  | - | - | - | - | - | - |
| 667 | 46 | 229       | amino-; ethyl ester   | -  | - | n  | - | - | - | - | - | - |
| 668 | 46 | 227       | <i>m</i> -amino-  | -  | - | n  | - | - | - | - | - | - |
| 669 | 46 | 204       | <i>o</i> -amino-  | -  | - | n  | - | - | - | - | - | - |
| 670 | 57 | Cr-62     | zinc salt   | n  | n | n  | - | - | - | - | - | - |
| 671 | 57 | Cr-1094   | <i>p</i> -amino-; copper (II) salt                            | 14 | n | 14 | - | - | - | - | - | - |
| 672 | 25 | 900,730   | 3-amino- <i>x</i> -chloro-4-sulfo-                            | n  | n | n  | - | - | - | - | - | - |
| 673 | 49 |           | 4-amino-2,6-dihydroxy-  | -  | - | n  | - | - | - | - | - | - |
| 674 | 57 | Cr-31     | 2-amino-5-thiocyano-; copper salt                             | n  | n | n  | - | - | - | - | - | - |
| 675 | 25 | 500,198   | 4-arsono-2-nitro-   | n  | n | n  | - | - | - | - | - | - |
| 676 | 57 | Cr-94     | <i>o</i> -benzyloxy-  | 12 | n | n  | - | - | - | - | - | - |
| 677 | 57 | Cr-95     | cupric salt   | n  | n | n  | - | - | - | - | - | - |
| 678 | 57 | Cr-106    | <i>o</i> -(2-benzyloxy-5-methylbenzoyl)-                      | n  | n | n  | - | - | - | - | - | - |
| 679 | 57 | Cr-107    | cupric salt   | 12 | n | 12 | - | - | - | - | - | - |
| 680 | 25 | 402,642   | 3-bromo-2,4,6-trimethyl-                                      | n  | n | n  | - | - | - | - | - | - |
| 681 | 46 | 42        | <i>p</i> - <i>tert</i> -butoxy-; <i>p</i> -chlorobenzyl ester | n  | n | n  | - | - | - | - | - | - |
| 682 | 56 | NP-1239   | chlorinated (1.62 Cl/mol.)                                    | n  | n | n  | - | - | - | - | - | - |
| 683 | 56 | NP-1239 d | chlorinated (2.92 Cl/mol.)                                    | n  | n | n  | - | - | - | - | - | - |
| 684 | 56 | NP-1239 f | chlorinated (3.35 Cl/mol.)                                    | n  | n | n  | - | - | - | - | - | - |
| 685 | 56 | NP-1239 h | chlorinated (4.32 Cl/mol.)                                    | n  | n | n  | - | - | - | - | - | - |
| 686 | 25 | 402,230   | <i>o</i> -chloro-; 2,2-dichloroethyl ester                    | 10 | n | n  | - | - | - | - | - | - |
| 687 | 46 | 36        | <i>p</i> -chloro-; <i>p</i> -chlorobenzyl ester               | n  | n | n  | - | - | - | - | - | - |
| 688 | 57 | ER-132    | 2-hydroxydecanenitrile ester                                  | n  | - | n  | - | - | - | - | - | - |
| 689 | 25 | 400,166   |   |    |   |    |   |   |   |   |   |   |
|     |    | -68       | nickel (II) salt  | n  | n | n  | - | - | - | - | - | - |
| 690 | 46 | 330       | <i>p</i> -chlorobenzoyloxy-; benzyl ester                     | 11 | 3 | n  | - | - | - | - | - | - |
| 691 | 31 | 42        | 3-chloro-4-hydroxy-; methyl ester                             | n  | n | n  | - | - | - | - | - | - |
| 692 | 25 | 901,062   | 2-chloro-4-nitro-   | n  | n | n  | - | - | - | - | - | - |
| 693 | 25 | 900,035   | 2-chloro-5-nitro-   | n  | n | n  | - | - | - | - | - | - |
| 694 | 46 | 26        | <i>p</i> -chlorobenzyl ester                                  | n  | n | n  | - | - | - | - | - | - |
| 695 | 46 | 29        | 4-chloro-3-nitro-; <i>p</i> -chlorobenzyl ester               | n  | n | n  | - | - | - | - | - | - |
| 696 | 25 | 501,796   | <i>p</i> -(2,4-diamino-6-hydroxy-5-pyrimidylazo)-             | n  | n | n  | - | - | - | - | - | - |
| 697 | 31 | 552       | 3,4-dichloro-; 3,4-dichlorobenzyl ester                       | n  | - | n  | - | - | - | - | - | - |
| 698 | 25 | 400,922   |   |    |   |    |   |   |   |   |   |   |
|     |    | -68       | nickel (II) salt  | n  | n | n  | - | - | - | - | - | - |
| 699 | 49 |           | dihydroxyamino-   | n  | n | n  | - | - | - | - | - | - |
| 700 | 49 |           | sulfate   | n  | n | n  | - | - | - | - | - | - |
| 701 | 25 | 904,412   | <i>p</i> -( <i>p</i> -diiodoarsinophenylsulfonamido)-         | n  | n | n  | - | - | - | - | - | - |

| Rept. No. | Subm. Code No. | Name of Chemical | Concentration in ppm                            |    |    |     |   |    |     |   |    |   |
|-----------|----------------|------------------|---|----|----|-----|---|----|-----|---|----|---|
|           |                |                  | 5.0   |    |    | 1.0 |   |    | 0.1 |   |    |   |
|           |                |                  | T   | B  | SL | T   | B | SL | T   | B | SL |   |
| 702       | 25             | 500,062          | Benzoic acid, 3,5-dinitro-                      | n  | n  | n   | - | -  | -   | - | -  | - |
| 703       | 46             | 33               | 3,5-dinitro-2-hydroxy-; p-chlorobenzyl ester    | n  | n  | n   | - | -  | -   | - | -  | - |
| 704       | 25             | 103,961          | p-ethoxy-                                       | n  | n  | n   | - | -  | -   | - | -  | - |
| 705       | 57             | Cr-755           | m-hydroxy-                                      | n  | n  | n   | - | -  | -   | - | -  | - |
| 706       | 31             | 70               | ethyl ester                                     | n  | n  | n   | - | -  | -   | - | -  | - |
| 707       | 46             | 295              | p-hydroxy-; benzyl ester                        | 2  | 12 | 4   | - | -  | -   | - | -  | - |
| 708       | 25             | 507,188          | 2-hydroxymercuri-3-nitro-; 1,2-cyclic anhydride | n  | n  | n   | - | -  | -   | - | -  | - |
| 709       | 25             | 508,493          | p-(4-hydroxy-1-naphthylazo)-                    | n  | n  | n   | - | -  | -   | - | -  | - |
| 710       | 57             | Cr-766           | m-nitro-  | n  | n  | n   | - | -  | -   | - | -  | - |
| 711       | 57             | Cr-140           | β-thiocyanoethyl ester                          | 1  | 1  | 13  | - | -  | -   | - | -  | - |
| 712       | 46             | 23               | p-nitro-; p-chlorobenzyl ester                  | n  | n  | n   | - | -  | -   | - | -  | - |
| 713       | 57             | Lo-161           | p-chlorophenyl ester                            | n  | n  | n   | - | -  | -   | - | -  | - |
| 714       | 57             | Lo-160           | 2,4-dichlorophenyl ester                        | n  | n  | n   | - | -  | -   | - | -  | - |
| 715       | 57             | Cr-437           | p-(2-methylpropenyl) phenyl ester               | 5  | 14 | n   | - | -  | -   | - | -  | - |
| 716       | 57             | Lo-162           | 2,2,3-trichlorobutyl ester                      | n  | 4  | 12  | - | -  | -   | - | -  | - |
| 717       | 25             | 400,804          | m-sulfo-  | n  | n  | n   | - | -  | -   | - | -  | - |
| 718       | 57             | Cr-753           | barium salt                                     | n  | n  | n   | - | -  | -   | - | -  | - |
| 719       | 57             | Cr-752           | monosodium salt                                 | n  | n  | n   | - | -  | -   | - | -  | - |
| 720       | 46             | 34               | o-sulfo-; di(p-chlorobenzyl) ester              | n  | n  | n   | - | -  | -   | - | -  | - |
| 721       | 25             | 106,646          | 4,4'-terephthaloyldi-                           | n  | n  | n   | - | -  | -   | - | -  | - |
| 722       | 57             | Cr-55            | o-thiocyano-; iron (ferric) salt                | 13 | n  | n   | - | -  | -   | - | -  | - |
| 723       | 25             | 106,608          | -65   |    |    |     |   |    |     |   |    |   |
|           |                |                  | 2,4,5-trimethyl-; sodium salt                   | n  | n  | n   | - | -  | -   | - | -  | - |
| 724       | 25             | 105,997          | 2-(2,4,6-trimethylbenzoyl)-                     | n  | n  | n   | - | -  | -   | - | -  | - |
| 725       | 57             | SM-98            | Benzoin; oleate                                 | n  | n  | n   | - | -  | -   | - | -  | - |
| 726       | 31             | 336              | p,p'-dichloro-; oxime                           | n  | n  | n   | - | -  | -   | - | -  | - |
| 727       | 57             | Cr-816           |   |    |    |     |   |    |     |   |    |   |
|           | 46             | 225              | Benzonitrile                                    | n  | n  | n   | - | -  | -   | - | -  | - |
| 728       | 25             | 800,263          | p-bromo-  | n  | n  | n   | - | -  | -   | - | -  | - |
| 729       | 25             | 102,813          | Benzophenone                                    | n  | n  | n   | - | -  | -   | - | -  | - |
| 730       | 57             | Cr-500           | 4-(4-benzoylphenoxy)methyl-                     | n  | n  | n   | - | -  | -   | - | -  | - |
| 731       | 57             | Cr-457           | 4-benzylamino-                                  | 5  | 4  | n   | - | -  | -   | - | -  | - |
| 732       | 57             | Cr-710           | 4-benzyloxy-3-bromo-                            | n  | n  | n   | - | -  | -   | - | -  | - |
| 733       | 57             | Cr-928           | 4-benzyloxy-3-nitro-                            | n  | n  | n   | - | -  | -   | - | -  | - |
| 734       | 57             | Cr-716           | 3-bromo-4-(2-chlorobenzyloxy)-                  | n  | n  | n   | - | -  | -   | - | -  | - |

|     |    |          |   |               |               |           |   |   |   |   |   |   |
|-----|----|----------|---|---------------|---------------|-----------|---|---|---|---|---|---|
| 735 | 57 | Cr-982   | Benzophenone, 4-(2-bromoethoxy)-  | $\frac{1}{2}$ | $\frac{1}{2}$ | n         | - | - | - | - | - | - |
| 736 | 57 | Cr-709   | 3-bromo-4-hydroxy-  | n             | n             | n         | - | - | - | - | - | - |
| 737 | 57 | Cr-468   | 4-bromomethyl-  | 7             | 13            | 13        | - | - | - | - | - | - |
| 738 | 57 | Cr-488   | 4-[ <u>p</u> - <u>tert</u> -butylphenoxy]methyl-                                    | n             | n             | n         | - | - | - | - | - | - |
| 739 | 57 | Cr-155   | 4-chloro-   | n             | n             | n         | - | - | - | - | - | - |
| 740 | 57 | Cr-533   | 4-(2-chloroethoxy)-   | n             | n             | n         | - | - | - | - | - | - |
| 741 | 57 | Cr-930   | 4-[2-(2-chloroethoxy)ethoxy]-3-nitro-   | <u>1</u>      | n             | n         | - | - | - | - | - | - |
| 742 | 49 |          | 4,4'-diamino-   | n             | n             | n         | - | - | - | - | - | - |
| 743 | 57 | WC-85    | 2,2'-dichloro-  | n             | <u>4</u>      | n         | - | - | - | - | - | - |
| 744 | 57 | WC-82    | 2,4'-dichloro-  | n             | n             | n         | - | - | - | - | - | - |
| 745 | 56 | NP-822 a | 2,4-dichloro-   | 10            | 10            | 10        | - | - | - | - | - | - |
| 746 | 57 | Cr-138   | 3,4-dichloro-   | n             | n             | n         | - | - | - | - | - | - |
| 747 | 32 | III      | 4,4'-dichloro-; oxime   | -             | -             | n         | - | - | - | - | - | - |
| 748 | 58 | O-5076   | oxime, <u>N</u> -ethyl ether  | 13            | n             | n         | - | - | - | - | - | - |
| 749 | 57 | Cr-514   | 4-[2-(2,4-dinitrophenoxy)ethoxy]-   | n             | n             | n         | - | - | - | - | - | - |
| 750 | 25 | 107, 568 | 4-(diphenylmethyl)-   | n             | n             | n         | - | - | - | - | - | - |
| 751 | 57 | Cr-983   | 4,4'-ethylenedioxydi-   | n             | n             | n         | - | - | - | - | - | - |
| 752 | 57 | Cr-508   | 4-(2-hydroxyethoxy)-  | n             | n             | n         | - | - | - | - | - | - |
| 753 | 57 | Cr-515   | acetate   | n             | n             | n         | - | - | - | - | - | - |
| 754 | 57 | Cr-920   | 4-hydroxy-3-nitro-  | 2             | -             | <u>12</u> | - | - | - | - | - | - |
| 755 | 57 | Cr-921   | acetate   | 2             | 2             | <u>2</u>  | - | - | - | - | - | - |
| 756 | 57 | Cr-462   | 4-methyl-   | n             | <u>2</u>      | n         | - | - | - | - | - | - |
| 757 | 57 | Cr-864   | 4-(2-methylallyloxy)-   | n             | n             | n         | - | - | - | - | - | - |
| 758 | 57 | Cr-780   | 4-(4-phenoxybenzyloxy)-   | n             | n             | n         | - | - | - | - | - | - |
| 759 | 57 | Cr-475   | 4-phenoxy-methyl-   | n             | n             | n         | - | - | - | - | - | - |
| 760 | 25 | 103, 871 | Benzopinacol  | -             | -             | n         | - | - | - | - | - | - |
| 761 | 25 | 106, 615 | 2 <u>H</u> -1-Benzopyran-3-carboxylic acid, 8-methoxy-2-oxo-                        | n             | n             | n         | - | - | - | - | - | - |
| 762 | 25 | 106, 184 | 2 <u>H</u> -1-Benzopyran-6-ol, 2,2,4-trimethyl-                                     | <u>3</u>      | <u>3</u>      | <u>9</u>  | - | - | - | - | - | - |
| 763 | 46 | 167      | <u>o</u> -Benzoquinone, 2,5-dihydroxy-  | -             | -             | n         | - | - | - | - | - | - |
| 764 | 46 | 305      | <u>p</u> -Benzoquinone, 2,5-dichloro-3,6-dihydroxy-                                 | n             | n             | n         | - | - | - | - | - | - |
| 765 | 49 |          | 2,5-dihydroxy-  | -             | -             | n         | - | - | - | - | - | - |
| 766 | 25 | 107, 562 | ( <u>p</u> -ethoxyphenyl)-  | 1             | 1             | 10        | - | - | - | - | - | - |
| 767 | 55 |          | tetrachloro- ("Sperton", wettable, 48% active)                                      | 5             | 2             | <u>13</u> | - | - | - | - | - | - |
| 768 | 57 | Cr-498   | Benothiazole, 2-acetamido-7-benzoyl-  | 12            | <u>12</u>     | <u>8</u>  | - | - | - | - | - | - |
| 769 | 57 | Cr-487   | 2-amino-6-benzoyl-  | n             | n             | n         | - | - | - | - | - | - |
| 770 | 57 | Lo-143   | 2-(2,4-dinitrophenylmercapto)-  | n             | n             | n         | - | - | - | - | - | - |
| 771 | 46 | 303      | 1-mercapto-   | 2             | 8             | n         | - | - | - | - | - | - |
| 772 | 38 |          | 2-mercapto- [and Carbamic acid, dimethyldithio-;<br>sodium salts of] ("Vancide 51") | 4             | 8             | 13        | - | - | - | - | - | - |

| Rept. No. | Subm. No. | Subm. Code No. | Name of Chemical  | Concentration in ppm |          |           |     |   |    |     |   |    |
|-----------|-----------|----------------|---|----------------------|----------|-----------|-----|---|----|-----|---|----|
|           |           |                |   | 5.0                  |          |           | 1.0 |   |    | 0.1 |   |    |
|           |           |                |   | T                    | B        | SL        | T   | B | SL | T   | B | SL |
| 773       | 49        |                | Benzotriazole   | n                    | n        | n         | -   | - | -  | -   | - | -  |
| 774       | 25        | 502,676        | 1H-Benzotriazole, 6-nitro-  | n                    | n        | n         | -   | - | -  | -   | - | -  |
| 775       | 57        | SM-360         | 2H-1,3-Benzoxazine, 6-tert-butyl-3-cyclohexyl-3,4-dihydro-                    | 3                    | 13       | <u>2</u>  | -   | - | -  | -   | - | -  |
| 776       | 57        | SM-367         | 6-chloro-3-cyclohexyl-3,4-dihydro-  | n                    | n        | n         | -   | - | -  | -   | - | -  |
| 777       | 57        | FW-192         | 3-(p-chlorophenyl)-3,4-dihydro-8-methyl-6-(1,1,3,3-tetramethylbutyl)-         | n                    | -        | n         | -   | - | -  | -   | - | -  |
| 778       | 57        | FW-140         | 3-cyclohexyl-3,4-dihydro-8-methyl-6-(1,1,3,3-tetramethylbutyl)-               | n                    | n        | <u>12</u> | -   | - | -  | -   | - | -  |
| 779       | 57        | FW-165         | 3,4-dihydro-3-(2-hydroxyethyl)-8-methyl-6-(1,1,3,3-tetramethylbutyl)-         | 9                    | -        | 13        | -   | - | -  | -   | - | -  |
| 780       | 25        | 501,049        | 2',4'-Benzoxyldide, 5'-amino-   | n                    | n        | n         | -   | - | -  | -   | - | -  |
| 781       | 46        | 105            | Benzoyl chloride, p-nitro-  | n                    | n        | n         | -   | - | -  | -   | - | -  |
| 782       | 25        | 906,382        | 2,4,6-trinitro-   | 3                    | 9        | n         | -   | - | -  | -   | - | -  |
| 783       | 46        | 302            | Benzyl alcohol  | -                    | -        | n         | -   | - | -  | -   | - | -  |
| 784       | 25        | 402,629        | p-bromo-a-methyl-   | n                    | n        | n         | -   | - | -  | -   | - | -  |
| 785       | 57        | Q-88           | p-chloro-   | n                    | n        | n         | -   | - | -  | -   | - | -  |
| 786       | 57        | FW-105         | p-chloro-a-methyl-  | n                    | n        | n         | -   | - | -  | -   | - | -  |
| 787       | 59        | CP-2474        | 3,4-dichloro-methyl-  | n                    | n        | n         | -   | - | -  | -   | - | -  |
| 788       | 31        | 543            | 3,4-dichloro-a-trichloromethyl-   | 2                    | 2        | <u>2</u>  | -   | - | -  | -   | - | -  |
| 789       | 25        | 102,141        | a,a-dimethyl-   | n                    | n        | n         | -   | - | -  | -   | - | -  |
| 790       | 63        | O-3808         | keryl-  | -                    | -        | n         | -   | - | -  | -   | - | -  |
| 791       | 25        | 102,474        | a-propenyl-   | -                    | -        | <u>10</u> | -   | - | -  | -   | - | -  |
| 792       | 57        | FW-167         | Benzylamine, p-chloro-N-(1,1,3,3-tetramethylbutyl)-; disalt with sebacic acid | n                    | n        | n         | -   | - | -  | -   | - | -  |
| 793       | 57        | Cr-301         | N-p-chlorophenyl-   | n                    | n        | n         | -   | - | -  | -   | - | -  |
| 794       | 57        | Cr-302         | hydrochloride   | n                    | n        | n         | -   | - | -  | -   | - | -  |
| 795       | 57        | Cr-337         | N-(2-chlorophenyl)-p-nitro-   | -                    | <u>2</u> | n         | -   | - | -  | -   | - | -  |
| 796       | 57        | Cr-325         | N-(2-chloro-4-thiocyanophenyl)-   | 1                    | 4        | n         | -   | - | -  | -   | - | -  |
| 797       | 57        | Cr-478         | N-cyclohexyl-; hydrochloride  | n                    | n        | n         | -   | - | -  | -   | - | -  |
| 798       | 59        | CP-100         | N-cyclohexyl-N-pentyl-  | n                    | n        | n         | -   | - | -  | -   | - | -  |
| 799       | 57        | SM-275         | N,N-dialkyl-methyldodecyl-  | -                    | -        | n         | -   | - | -  | -   | - | -  |
| 800       | 57        | SM-274         | N,N-diallyl-p-hexyl-  | n                    | n        | n         | -   | - | -  | -   | - | -  |
| 801       | 57        | FW-153         | p,p'-dichloro-N,N'-bis(1,1,3,3-tetramethylbutyl)-N,N'-thiodi-                 | n                    | n        | n         | -   | - | -  | -   | - | -  |
| 802       | 57        | SM-280         | N,N-diisopropyl-  | n                    | 13       | <u>13</u> | -   | - | -  | -   | - | -  |

|     |    |          |   |               |               |               |   |   |   |   |   |   |
|-----|----|----------|---|---------------|---------------|---------------|---|---|---|---|---|---|
| 803 | 25 | 507, 516 | Benzylamine, <u>N</u> -(2,5-dimethoxyphenyl)-   | n             | n             | n             | - | - | - | - | - | - |
| 804 | 25 | 801, 586 | -A1 <u>N,N</u> -dimethyl-; complex with $\frac{1}{2}$ f. wt. fluosilicic acid   | n             | n             | n             | - | - | - | - | - | - |
| 805 | 57 | SM-289   | dodecylmethyl- (mixture)  | n             | n             | n             | - | - | - | - | - | - |
| 806 | 49 |          | <u>N</u> -ethyl- <u>p</u> -nitroso- <u>N</u> -phenyl-   | 1             | 3             | 14            | - | - | - | - | - | - |
| 807 | 25 | 802, 873 | <u>N</u> -isopropyl-  | n             | n             | n             | - | - | - | - | - | - |
| 808 | 63 | O-3677   | keryl-  | -             | -             | n             | - | - | - | - | - | - |
| 809 | 57 | Cr-296   | <u>N</u> -methyl- <u>N</u> -(4-thiocyanophenyl)-  | 3             | 5             | n             | - | - | - | - | - | - |
| 810 | 57 | Cr-324   | <u>N</u> -(2-methyl-4-thiocyanophenyl)-   | 4             | 9             | <u>6</u>      | - | - | - | - | - | - |
| 811 | 57 | Cr-335   | <u>N</u> -(2-nitrophenyl)-  | -             | n             | n             | - | - | - | - | - | - |
| 812 | 57 | Cr-260   | <u>N</u> -(4-nitrophenyl)-  | -             | n             | n             | - | - | - | - | - | - |
| 813 | 57 | Cr-246   | <u>N</u> -(4-thiocyanophenyl)-  | -             | 3             | n             | - | - | - | - | - | - |
| 814 | 57 | Cr-950   | Benzyl chloride, <u>o</u> - and <u>p</u> -chloro- mixture   | 12            | $\frac{1}{4}$ | n             | - | - | - | - | - | - |
| 815 | 25 | 000, 376 | Benzyl disulfide  | n             | n             | n             | - | - | - | - | - | - |
| 816 | 57 | Mr-18    | Benzylideneimine, <u>p</u> -chloro- <u>N</u> -diisobutyl-   | n             | n             | n             | - | - | - | - | - | - |
| 817 | 57 | Mr-11    | <u>p</u> -chloro- <u>N</u> -nonyl-  | n             | n             | n             | - | - | - | - | - | - |
| 818 | 57 | Mr-21    | <u>N</u> -diisobutyl- <u>p</u> -methoxy-  | n             | n             | n             | - | - | - | - | - | - |
| 819 | 25 | 402, 930 | Benzylphosphonic acid; diethyl ester  | n             | n             | n             | - | - | - | - | - | - |
| 820 | 31 | 502      | 2-chloro- <i>a</i> -hydroxy-; ethyl ester   | n             | n             | n             | - | - | - | - | - | - |
| 821 | 57 | H-129    | Benzyl sulfide  | n             | <u>9</u>      | n             | - | - | - | - | - | - |
| 822 | 57 | Cr-869   | Benzylthiosulfonic acid, <u>p</u> -nitro-; sodium salt  | n             | -             | n             | - | - | - | - | - | - |
| 823 | 57 | SM-229   | 4,4'-Biacetophenone, difurfurylidene-   | n             | n             | n             | - | - | - | - | - | - |
| 824 | 25 | 001, 151 | 9,9'-Bianthryl  | n             | n             | n             | - | - | - | - | - | - |
| 825 | 25 | 905, 113 | Bibenzyl, <i>a, a'</i> -dibromo-4,4'-dinitro-   | n             | n             | n             | - | - | - | - | - | - |
| 826 | 57 | Cr-1641  | <i>x, x</i> -dichloro-  | n             | n             | n             | - | - | - | - | - | - |
| 827 | 57 | Q-140    | Bicarbamie acid; diethyl ester  | n             | n             | n             | - | - | - | - | - | - |
| 828 | 54 |          | 4,4'-Bicarbanilic acid; diisopropyl ester   | -             | -             | n             | - | - | - | - | - | - |
| 829 | 54 |          | 2,2'-di-methoxy-; diisopropyl ester   | n             | n             | n             | - | - | - | - | - | - |
| 830 | 54 |          | 2,2'-dimethyl-; diisopropyl ester   | -             | -             | n             | - | - | - | - | - | - |
| 831 | 57 | Q-164    | Bicyclo[2, 2, 1]hept-5-ene-2, 3-dicarboxamic acid,<br><u>N</u> -(2-cyanoisopropyl)-7, 7-dimethoxy-<br>1, 4, 5, 6-tetrachloro- | n             | n             | n             | - | - | - | - | - | - |
| 832 | 57 | Q-158    | Bicyclo[2, 2, 1]hept-5-ene-2, 3-dicarboximide, 7, 7-dimethoxy-<br><u>N</u> -isopropyl-1, 4, 5, 6-tetrachloro-                 | n             | n             | n             | - | - | - | - | - | - |
| 833 | 57 | Q-255    | 7, 7-dimethoxy-1, 3, 4, 5-tetrachloro-; ammonium salt,<br>monohydrate   | n             | n             | n             | - | - | - | - | - | - |
| 834 | 57 | Q-257    | 7, 7-dimethoxy-1, 4, 5, 6-tetrachloro- <u>N</u> -trichloro-<br>methylsulfen-  | $\frac{1}{2}$ | 8             | $\frac{1}{2}$ | - | - | - | - | - | - |



| Rept. No. | Subm. No. | Subm. Code No. | Name of Chemical   | Concentration in ppm |          |          |     |   |    |     |   |    |
|-----------|-----------|----------------|--|----------------------|----------|----------|-----|---|----|-----|---|----|
|           |           |                |  | 5.0                  |          |          | 1.0 |   |    | 0.1 |   |    |
|           |           |                |  | T                    | B        | SL       | T   | B | SL | T   | B | SL |
| 835       | 46        | 32             | Bicyclo[2.2.1]hept-5-ene-2,3-dicarboxylic acid;<br>di(p-chlorobenzyl) ester                  | n                    | n        | n        | -   | - | -  | -   | - | -  |
| 836       | 25        | 107,794        | didodecyl ester  | n                    | n        | n        | -   | - | -  | -   | - | -  |
| 837       | 25        | 107,793        | dinonyl ester  | n                    | n        | n        | -   | - | -  | -   | - | -  |
| 838       | 25        | 107,795        | ditetradecyl ester   | n                    | n        | n        | -   | - | -  | -   | - | -  |
| 839       | 57        | Q-79           | 7,7-dichloro-; di-2-chloroethyl ester  | n                    | n        | n        | -   | - | -  | -   | - | -  |
| 840       | 57        | Q-51           | 1,4,5,6,7,7-hexachloro-; mono-2-chloroethyl ester  | n                    | n        | n        | -   | - | -  | -   | - | -  |
| 841       | 57        | Q-147          | Bicyclo[2.2.1]hept-5-ene-2,3-dicarboxylic anhydride,<br>7,7-dimethoxy-1,2,4,5,6-pentachloro- | n                    | n        | n        | -   | - | -  | -   | - | -  |
| 842       | 57        | Q-153          | 7,7-dimethoxy-1,4,5,6-tetrachloro-   | n                    | n        | n        | -   | - | -  | -   | - | -  |
| 843       | 40        |                | Bicyclo[3.1.1]hept-2-ene-2-ethanol, 6,6-dimethyl-  | n                    | <u>1</u> | <u>1</u> | -   | - | -  | -   | - | -  |
| 844       | 25        | 107,560        | [Bicyclohexyl]-1-carboxylic acid   | n                    | n        | n        | -   | - | -  | -   | - | -  |
| 845       | 25        | 504,014        | -10  |                      |          |          |     |   |    |     |   |    |
|           |           |                | 2-diethylaminoethyl ester, hydrochloride   | 2                    | 13       | n        | -   | - | -  | -   | - | -  |
| 846       | 57        | Q-170          | Bicyclo[0.2.4]oct-3-ene, 2,5,7,8-tetrachloro-  | 3                    | <u>2</u> | <u>8</u> | -   | - | -  | -   | - | -  |
| 847       | 57        | Cr-1241        | Biguanide, 1-(2-biphenyl)-   | n                    | n        | n        | -   | - | -  | -   | - | -  |
| 848       | 57        | Cr-1240        | monohydrochloride  | n                    | n        | n        | -   | - | -  | -   | - | -  |
| 849       | 57        | Cr-859         | 1-[p-(p-bromophenoxy)phenyl]-  | n                    | n        | n        | -   | - | -  | -   | - | -  |
| 850       | 57        | Cr-858         | monohydrochloride  | n                    | n        | n        | -   | - | -  | -   | - | -  |
| 851       | 57        | Cr-851         | 1-p-phenoxyphenyl-   | n                    | n        | n        | -   | - | -  | -   | - | -  |
| 852       | 57        | Cr-850         | monohydrochloride  | n                    | n        | n        | -   | - | -  | -   | - | -  |
| 853       | 25        | 800,002        | -10  |                      |          |          |     |   |    |     |   |    |
|           |           |                | 1-phenyl-; hydrochloride   | n                    | n        | n        | -   | - | -  | -   | - | -  |
| 854       | 25        | 800,892        | -10  |                      |          |          |     |   |    |     |   |    |
|           |           |                | 1-o-tolyl-; monohydrochloride  | n                    | n        | n        | -   | - | -  | -   | - | -  |
| 855       | 25        | 101,085        | x,x'-Biphenol  | n                    | n        | n        | -   | - | -  | -   | - | -  |
| 856       | 25        | 106,375        | p,p'-Biphenol, 2,2'-dipropyl-  | 3                    | 9        | 13       | -   | - | -  | -   | - | -  |
| 857       | 25        | 000,674        | Biphenyl, 4'-bromo-3-methyl-   | 8                    | 13       | n        | -   | - | -  | -   | - | -  |
| 858       | 58        | O-2591         | chlorinated ("Aroclor 1242")   | n                    | n        | n        | -   | - | -  | -   | - | -  |
| 859       | 58        | O-8078         | -b   |                      |          |          |     |   |    |     |   |    |
|           |           |                | chlorinated ("Aroclor 1248")   | n                    | n        | n        | -   | - | -  | -   | - | -  |
| 860       | 58        | O-2592         | chlorinated ("Aroclor 1254")   | n                    | n        | n        | -   | - | -  | -   | - | -  |
| 861       | 58        | O-2588         | chlorinated ("Aroclor 1260")   | n                    | n        | n        | -   | - | -  | -   | - | -  |
| 862       | 46        | 82             | 2-chloro- (85%)  | 10                   | 10       | n        | -   | - | -  | -   | - | -  |
| 863       | 58        | O-135          | 4-chloro-  | n                    | n        | n        | -   | - | -  | -   | - | -  |

|     |    |         |   |               |               |           |   |   |   |   |   |   |
|-----|----|---------|---|---------------|---------------|-----------|---|---|---|---|---|---|
| 864 | 57 | Cr-333  | Biphenyl, 4-chloromethyl-                                       | n             | n             | n         | - | - | - | - | - | - |
| 865 | 59 | CP-463  | x-chloro-2-nitro-   | $\frac{1}{4}$ | $\frac{1}{4}$ | <u>1</u>  | - | - | - | - | - | - |
| 866 | 54 |         | dichloro-4,4'-dihydroxy- ("Dichlorobisphenol A")                | 3             | 13            | 13        | - | - | - | - | - | - |
| 867 | 58 | O-2092  | x,x-diethyl-2-hydroxy-  | 8             | 12            | n         | - | - | - | - | - | - |
| 868 | 58 | O-8082  | hexabromo-  | -             | -             | n         | - | - | - | - | - | - |
| 869 | 58 | O-228-b | 4-methoxy-  | n             | n             | n         | - | - | - | - | - | - |
| 870 | 25 | 508,470 | 3-nitro-  | 2             | 5             | <u>2</u>  | - | - | - | - | - | - |
| 871 | 25 | 000,973 | 2,2',3,3',4,4',6,6'-octamethyl-                                 | n             | n             | n         | - | - | - | - | - | - |
| 872 | 58 | O-67    | 2-Biphenylamine   | n             | n             | n         | - | - | - | - | - | - |
| 873 | 25 | 802,672 | 5-bromo-  | 13            | 13            | <u>13</u> | - | - | - | - | - | - |
| 874 | 57 | Cr-456  | 4-Biphenylamine; hydrochloride                                  | n             | n             | n         | - | - | - | - | - | - |
| 875 | 25 | 402,844 | 4-Biphenylarsonic acid, 4'-sulfo-                               | n             | n             | n         | - | - | - | - | - | - |
| 876 | 25 | 402,844 | -65   |               |               |           |   |   |   |   |   |   |
|     |    |         | S-monosodium salt   | n             | n             | n         | - | - | - | - | - | - |
| 877 | 25 | 106,637 | 2,3-Biphenyldicarboxylic acid, 3',4'-dimethoxy-                 | -             | -             | n         | - | - | - | - | - | - |
| 878 | 63 | O-3734  | x,x-Biphenyldisulfonamide, <u>N,N,N',N'</u> -tetracyanoethyl-   | -             | -             | n         | - | - | - | - | - | - |
| 879 | 25 | 105,139 | 4-Biphenylmethanol, <u>a</u> -methyl-                           | n             | n             | n         | - | - | - | - | - | - |
| 880 | 25 | 105,338 | 4-Biphenylpropanol  | n             | n             | n         | - | - | - | - | - | - |
| 881 | 63 | O-3990  | -D III  |               |               |           |   |   |   |   |   |   |
|     |    |         | x-Biphenylsulfonamide, 2'-nitro- <u>N,N</u> -bis(2-cyanoethyl)- | <u>1</u>      | n             | n         | - | - | - | - | - | - |
| 882 | 25 | 402,138 | -65   |               |               |           |   |   |   |   |   |   |
|     |    |         | 4-Biphenylsulfonic acid; sodium salt                            | n             | n             | n         | - | - | - | - | - | - |
| 883 | 25 | 402,842 | -65   |               |               |           |   |   |   |   |   |   |
|     |    |         | 4'-diiodoarsino-; sodium salt                                   | n             | n             | n         | - | - | - | - | - | - |
| 884 | 25 | 900,689 | -65   |               |               |           |   |   |   |   |   |   |
|     |    |         | Bismarsen   | -             | -             | n         | - | - | - | - | - | - |
| 885 | 25 | 508,089 | 4,4'-Bi- <u>o</u> -stearanisidide                               | n             | n             | n         | - | - | - | - | - | - |
| 886 | 25 | 801,594 | Biurea, <u>2,5</u> -dithio-                                     | n             | n             | n         | - | - | - | - | - | - |
| 887 | 54 |         | Biuret, dithio-   | n             | n             | n         | - | - | - | - | - | - |
| 888 | 57 | Cr-1244 | 1-(2-biphenyl)-2,4-dithio-                                      | 14            | <u>6</u>      | n         | - | - | - | - | - | - |
| 889 | 57 | Cr-852  | 1- <u>p</u> -phenoxyphenyl-2,4-dithio-                          | n             | n             | n         | - | - | - | - | - | - |
| 890 | 57 | Cr-103  | 1-phenyl-2,4-dithio-; ferrous salt                              | n             | n             | n         | - | - | - | - | - | - |
| 891 | 57 | Cr-102  | zinc salt   | n             | n             | n         | - | - | - | - | - | - |
| 892 | 25 | 802,874 | -10   |               |               |           |   |   |   |   |   |   |
|     |    |         | Bornylamine; hydrochloride                                      | n             | n             | n         | - | - | - | - | - | - |
| 893 | 25 | 5K0,164 | Brucine; salt with 1 f. wt. <u>N</u> -formyl- <u>D</u> -leucine | n             | n             | n         | - | - | - | - | - | - |
| 894 | 25 | 9K0,093 | salt with 1 f. wt. <u>N</u> -formyl- <u>D</u> -methionine       | n             | n             | n         | - | - | - | - | - | - |
| 895 | 25 | 5K0,163 | salt with 1 f. wt. mono- <u>sec</u> -butyl phthalate            | n             | n             | n         | - | - | - | - | - | - |

| Rept. No. | Subm. No. | Subm. Code No. | Name of Chemical   | Concentration in ppm |          |          |     |   |    |     |   |    |
|-----------|-----------|----------------|--|----------------------|----------|----------|-----|---|----|-----|---|----|
|           |           |                |  | 5.0                  |          |          | 1.0 |   |    | 0.1 |   |    |
|           |           |                |  | T                    | B        | SL       | T   | B | SL | T   | B | SL |
| 896       | 25        | 5K0,161        | Brucine; salt with 1 f. wt. <u>d</u> - <i>a</i> -( <i>p</i> -nitrophenyl) butyric acid | n                    | n        | n        | -   | - | -  | -   | - | -  |
| 897       | 25        | 5K0,162        | salt with 1 f. wt. <u>l</u> - <i>a</i> -( <i>p</i> -nitrophenyl) butyric acid          | n                    | n        | n        | -   | - | -  | -   | - | -  |
| 898       | 54        |                | Butadiene, hexachloro-   | n                    | n        | n        | -   | - | -  | -   | - | -  |
| 899       | 57        | Q-259          | 1,3-Butadiene, 2-chloro-3-(2,4-dinitrophenylsulfenyl)-                                 | 3                    | 3        | <u>6</u> | -   | - | -  | -   | - | -  |
| 900       | 57        | Q-125          | Butane, 1,1-bis( <i>p</i> -methoxyphenyl)-2,2,3-trichloro-                             | n                    | n        | n        | -   | - | -  | -   | - | -  |
| 901       | 57        | Q-14           | 1-(4-chlorophenyl)-1,3-dihydroxy-4,4,4-trichloro-                                      | n                    | n        | n        | -   | - | -  | -   | - | -  |
| 902       | 42        |                | 1-(4-chlorophenyl)-2-nitro-1-phenyl-;<br>chlorinated, Cl = 39% (25% active)            | 13                   | 13       | <u>5</u> | -   | - | -  | -   | - | -  |
| 903       | 25        | 000,989        | 1,2,3,4-tetrabromo-  | <u>1</u>             | <u>1</u> | <u>1</u> | -   | - | -  | -   | - | -  |
| 904       | 25        | 001,140        | 1,2,3-tribromo-  | n                    | n        | n        | -   | - | -  | -   | - | -  |
| 905       | 25        | 100,970        | 1,4-Butanediol   | n                    | n        | n        | -   | - | -  | -   | - | -  |
| 906       | 57        | Q-108          | 2,2,3,3-tetrachloro-; diacetate  | n                    | n        | n        | -   | - | -  | -   | - | -  |
| 907       | 56        | NP-991         | Butanedisulfonic acid, 1,4-dihydroxy-; sodium salt                                     | n                    | n        | n        | -   | - | -  | -   | - | -  |
| 908       | 56        | NP-1349        | 1,4-Butanedithiol  | n                    | n        | n        | -   | - | -  | -   | - | -  |
| 909       | 25        | 403,138        | -61 1-Butanesulfonic acid; potassium salt  | n                    | n        | n        | -   | - | -  | -   | - | -  |
| 910       | 25        | 900,100        | -67 2-nitro-; ammonium salt  | n                    | n        | n        | -   | - | -  | -   | - | -  |
| 911       | 25        | 402,496        | 1-Butanesulfonyl chloride  | n                    | n        | n        | -   | - | -  | -   | - | -  |
| 912       | 54        |                | Butanol, trichloro-  | n                    | n        | n        | -   | - | -  | -   | - | -  |
| 913       | 25        | 501,266        | 1-Butanol, 2-amino-  | n                    | n        | n        | -   | - | -  | -   | - | -  |
| 914       | 54        |                | 2-nitro-   | n                    | n        | n        | -   | - | -  | -   | - | -  |
| 915       | 25        | 104,121        | 4-phenoxy-   | n                    | n        | n        | -   | - | -  | -   | - | -  |
| 916       | 25        | 105,299        | 2-Butanol, 2,3-dimethyl-   | n                    | n        | n        | -   | - | -  | -   | - | -  |
| 917       | 54        |                | 4-( <i>p</i> -hydroxyphenyl)-2-methyl-   | n                    | n        | n        | -   | - | -  | -   | - | -  |
| 918       | 25        | 106,607        | 2-Butanone, 4-phenyl-  | n                    | n        | n        | -   | - | -  | -   | - | -  |
| 919       | 57        | Q-29           | Butene, tetrachloro-   | n                    | n        | n        | -   | - | -  | -   | - | -  |
| 920       | 57        | ER-160         | 1-Butene, 4,4-bis( <i>p</i> -chlorophenyl)-  | n                    | -        | n        | -   | - | -  | -   | - | -  |
| 921       | 54        |                | 3,4-dichloro-  | 14                   | n        | n        | -   | - | -  | -   | - | -  |
| 922       | 57        | Q-71           | 2-Butene, 1,4-bis( <i>p</i> -chlorophenoxy)-   | n                    | n        | n        | -   | - | -  | -   | - | -  |
| 923       | 57        | Q-34           | 1-chloro-4-thiocyano-  | n                    | n        | n        | -   | - | -  | -   | - | -  |
| 924       | 54        |                | 1,4-dichloro-  | 14                   | n        | n        | -   | - | -  | -   | - | -  |
| 925       | 57        | Q-103          | 1,4-dimethoxy-2,3-dichloro-1,1,4,4-tetraphenyl-  | n                    | n        | n        | -   | - | -  | -   | - | -  |
| 926       | 57        | Q-38           | 1-ethoxyl-4-chloro-  | n                    | n        | n        | -   | - | -  | -   | - | -  |



| Rept. No. | Subm. No. | Subm. Code No. | Name of Chemical  | Concentration in ppm |          |          |     |   |    |     |   |    |
|-----------|-----------|----------------|---|----------------------|----------|----------|-----|---|----|-----|---|----|
|           |           |                |   | 5.0                  |          |          | 1.0 |   |    | 0.1 |   |    |
|           |           |                |   | T                    | B        | SL       | T   | B | SL | T   | B | SL |
| 896       | 25        | 5K0,161        | Brucine; salt with 1 f. wt. <u>d</u> -a-(p-nitrophenyl)butyric acid       | n                    | n        | n        | -   | - | -  | -   | - | -  |
| 897       | 25        | 5K0,162        | salt with 1 f. wt. <u>l</u> -a-(p-nitrophenyl)butyric acid                | n                    | n        | n        | -   | - | -  | -   | - | -  |
| 898       | 54        |                | Butadiene, hexachloro-  | n                    | n        | n        | -   | - | -  | -   | - | -  |
| 899       | 57        | Q-259          | 1,3-Butadiene, 2-chloro-3-(2,4-dinitrophenylsulfenyl)-                    | 3                    | 3        | <u>6</u> | -   | - | -  | -   | - | -  |
| 900       | 57        | Q-125          | Butane, 1,1-bis(p-methoxyphenyl)-2,2,3-trichloro-                         | n                    | n        | n        | -   | - | -  | -   | - | -  |
| 901       | 57        | Q-14           | 1-(4-chlorophenyl)-1,3-dihydroxy-4,4,4-trichloro-                         | n                    | n        | n        | -   | - | -  | -   | - | -  |
| 902       | 42        |                | 1-(4-chlorophenyl)-2-nitro-1-phenyl-;<br>chlorinated, Cl=39% (25% active) | 13                   | 13       | <u>5</u> | -   | - | -  | -   | - | -  |
| 903       | 25        | 000,989        | 1,2,3,4-tetrabromo-   | <u>1</u>             | <u>1</u> | <u>1</u> | -   | - | -  | -   | - | -  |
| 904       | 25        | 001,140        | 1,2,3-tribromo-   | n                    | n        | n        | -   | - | -  | -   | - | -  |
| 905       | 25        | 100,970        | 1,4-Butanediol  | n                    | n        | n        | -   | - | -  | -   | - | -  |
| 906       | 57        | Q-108          | 2,2,3,3-tetrachloro-; diacetate   | n                    | n        | n        | -   | - | -  | -   | - | -  |
| 907       | 56        | NP-991         | Butanedisulfonic acid, 1,4-dihydroxy-; sodium salt                        | n                    | n        | n        | -   | - | -  | -   | - | -  |
| 908       | 56        | NP-1349        | 1,4-Butanedithiol   | n                    | n        | n        | -   | - | -  | -   | - | -  |
| 909       | 25        | 403,138        | -61 1-Butanesulfonic acid; potassium salt                                 | n                    | n        | n        | -   | - | -  | -   | - | -  |
| 910       | 25        | 900,100        | -67 2-nitro-; ammonium salt   | n                    | n        | n        | -   | - | -  | -   | - | -  |
| 911       | 25        | 402,496        | 1-Butanesulfonyl chloride   | n                    | n        | n        | -   | - | -  | -   | - | -  |
| 912       | 54        |                | Butanol, trichloro-   | n                    | n        | n        | -   | - | -  | -   | - | -  |
| 913       | 25        | 501,266        | 1-Butanol, 2-amino-   | n                    | n        | n        | -   | - | -  | -   | - | -  |
| 914       | 54        |                | 2-nitro-  | n                    | n        | n        | -   | - | -  | -   | - | -  |
| 915       | 25        | 104,121        | 4-phenoxy-  | n                    | n        | n        | -   | - | -  | -   | - | -  |
| 916       | 25        | 105,299        | 2-Butanol, 2,3-dimethyl-  | n                    | n        | n        | -   | - | -  | -   | - | -  |
| 917       | 54        |                | 4-(p-hydroxyphenyl)-2-methyl-   | n                    | n        | n        | -   | - | -  | -   | - | -  |
| 918       | 25        | 106,607        | 2-Butanone, 4-phenyl-   | n                    | n        | n        | -   | - | -  | -   | - | -  |
| 919       | 57        | Q-29           | Butene, tetrachloro-  | n                    | n        | n        | -   | - | -  | -   | - | -  |
| 920       | 57        | ER-160         | 1-Butene, 4,4-bis(p-chlorophenyl)-  | n                    | -        | n        | -   | - | -  | -   | - | -  |
| 921       | 54        |                | 3,4-dichloro-   | 14                   | n        | n        | -   | - | -  | -   | - | -  |
| 922       | 57        | Q-71           | 2-Butene, 1,4-bis(p-chlorophenoxy)-                                       | n                    | n        | n        | -   | - | -  | -   | - | -  |
| 923       | 57        | Q-34           | 1-chloro-4-thiocyano-   | n                    | n        | n        | -   | - | -  | -   | - | -  |
| 924       | 54        |                | 1,4-dichloro-   | 14                   | n        | n        | -   | - | -  | -   | - | -  |
| 925       | 57        | Q-103          | 1,4-dimethoxy-2,3-dichloro-1,1,4,4-tetraphenyl-                           | n                    | n        | n        | -   | - | -  | -   | - | -  |
| 926       | 57        | Q-38           | 1-ethoxyl-4-chloro-   | n                    | n        | n        | -   | - | -  | -   | - | -  |

|     |    |         |   |    |                 |                 |   |   |   |   |   |   |
|-----|----|---------|---|----|-----------------|-----------------|---|---|---|---|---|---|
| 927 | 25 | 001,062 | 2-Butene, 2-phenyl-   | n  | -               | n               | - | - | - | - | - | - |
| 928 | 57 | Cr-1117 | 1-Butene-1,3-diamine, <u>N,N'</u> -diphenyl-  | n  | n               | n               | - | - | - | - | - | - |
| 929 | 25 | 101,075 | 2-Butene-1,4-diol   | -  | -               | n               | - | - | - | - | - | - |
| 930 | 57 | Q-107   | 2,3-dichloro-; diacetate  | n  | n               | n               | - | - | - | - | - | - |
| 931 | 57 | SM-60   | 2-Butene-1,4-dione, 1-cyclopropyl-2,4-diphenyl-   | 14 | n               | n               | - | - | - | - | - | - |
| 932 | 25 | 105,992 | 1,4-diphenyl-; <u>trans</u>   | 1  | 2               | 13              | - | - | - | - | - | - |
| 933 | 57 | Q-97    | 2-Butene-4-one, 1,1,1,3-tetrachloro-4- (p-chlorophenyl)-                                | 1  | 4               | 13              | - | - | - | - | - | - |
| 934 | 46 | 280     | 3-Butene-2-one, 4- (3-methoxy-4-hydroxyphenyl)-   | 12 | n               | n               | - | - | - | - | - | - |
| 935 | 25 | 106,629 | 3-Buten-1-ol, 1- (3,4-dimethoxyphenyl)-   | n  | n               | n               | - | - | - | - | - | - |
| 936 | 54 |         | 3-Buten-2-ol, 1-chloro-   | n  | n               | n               | - | - | - | - | - | - |
| 937 | 25 | 507,198 | 1,1'-hydrazinodi-   | n  | n               | n               | - | - | - | - | - | - |
| 938 | 46 | 160     | <u>sec</u> -Butyl alcohol   | -  | -               | n               | - | - | - | - | - | - |
| 939 | 25 | 800,444 |   |    |                 |                 |   |   |   |   |   |   |
|     |    | -A3     | Butylamine; complex with $\frac{1}{2}$ f. wt. fluosilicic acid                          | n  | n               | n               | - | - | - | - | - | - |
| 940 | 25 | 105,029 | Butyl borate, tri-  | n  | n               | n               | - | - | - | - | - | - |
| 941 | 57 | Mr-13   | Butylidenimine, <u>N</u> -1,1,3,3-tetramethylbutyl-2,2,3-trichloro-                     | n  | n               | n               | - | - | - | - | - | - |
| 942 | 54 |         | Butyl sulfite, di-  | n  | n               | n               | - | - | - | - | - | - |
| 943 | 57 | Lo-272  | Butylxanthoacetic acid; 1,4-bis (dimethylamino)-2-butyne mono salt                      | n  | n               | n               | - | - | - | - | - | - |
| 944 | 57 | Lo-253  | calcium salt  | n  | n               | n               | - | - | - | - | - | - |
| 945 | 57 | Q-252   | Butyne, 1,4-bis- <u>N</u> -nonylmethylamino-  | n  | n               | n               | - | - | - | - | - | - |
| 946 | 57 | Q-303   | 2-Butyne, 1,4-bis (dimethylamino)-1,4-diphenyl-   | n  | n               | n               | - | - | - | - | - | - |
| 947 | 57 | O-2019  | 1,4-bis (1,1,3,3-tetramethylbutyl) amino-   | -  | -               | n               | - | - | - | - | - | - |
| 948 | 57 | Q-98    | 1,4-dihydroxy-1,1,4,4-tetraphenyl-  | n  | n               | n               | - | - | - | - | - | - |
| 949 | 57 | Q-105   | 1,4-dimethoxy-1,1,4,4-tetraphenyl-  | n  | n               | n               | - | - | - | - | - | - |
| 950 | 57 | Q-285   | 1-dimethylamino-4-diethanolamino-   | n  | n               | n               | - | - | - | - | - | - |
| 951 | 57 | Q-317   | 1-di (3,5,5-trimethylhexyl) amino-4- [methyl (3,5,5-trimethylhexyl) amino]-             | 3  | $\frac{1}{1}$   | $\frac{6}{1}$   | - | - | - | - | - | - |
| 952 | 56 | NP-1093 | 3-Butyne, 1,4-dichloro-   | 12 | 12              | $\frac{12}{12}$ | - | - | - | - | - | - |
| 953 | 56 | NP-1098 | 2-Butyne-1,4-diol   | n  | n               | n               | - | - | - | - | - | - |
| 954 | 57 | SM-322  | 2-Butyn-1-ol, 1,1- (1,1,3,3-tetramethylbutyl)-4-dimethylamino-                          | n  | n               | n               | - | - | - | - | - | - |
| 955 | 54 |         | 3-Butyn-2-ol, 2-methyl-; carbanilate  | n  | -               | n               | - | - | - | - | - | - |
| 956 | 57 | SM-95   | Butyraldehyde; polymer  | n  | n               | n               | - | - | - | - | - | - |
| 957 | 57 | Lo-413  | Butyramide, <u>N</u> - $\beta$ - ( <u>N</u> -ethylenethioureido) ethyl-2,2,3-trichloro- | n  | n               | n               | - | - | - | - | - | - |
| 958 | 57 | Cr-1588 | Butyranilide, $\alpha,\alpha,\beta$ -trichloro-   | n  | $\frac{12}{12}$ | n               | - | - | - | - | - | - |
| 959 | 25 | 101,773 | Butyric acid; ester with butyl lactate  | n  | n               | n               | - | - | - | - | - | - |
| 960 | 25 | 107,561 | diester with 2,2-dimethyl-1,3-propanediol   | n  | n               | n               | - | - | - | - | - | - |

| Rept. No. | Subm. No. | Subm. Code No. | Name of Chemical  | Concentration in ppm |    |    |     |   |    |     |   |    |   |   |   |   |   |   |   |   |
|-----------|-----------|----------------|---|----------------------|----|----|-----|---|----|-----|---|----|---|---|---|---|---|---|---|---|
|           |           |                |   | 5.0                  |    |    | 1.0 |   |    | 0.1 |   |    |   |   |   |   |   |   |   |   |
|           |           |                |   | T                    | B  | SL | T   | B | SL | T   | B | SL |   |   |   |   |   |   |   |   |
| 961       | 25        | 101,484        |   |                      |    |    |     |   |    |     |   |    |   |   |   |   |   |   |   |   |
|           |           | -68            | Butyric acid; nickel (II) salt                                | n                    | n  | n  | -   | - | -  | -   | - | -  | - | - | - | - | - | - | - | - |
| 962       | 25        | 500,635        | DL-2-amino-   | n                    | n  | n  | -   | - | -  | -   | - | -  | - | - | - | - | - | - | - | - |
| 963       | 25        | 106,989        | 2-benzoyl-; methyl ester                                      | n                    | n  | n  | -   | - | -  | -   | - | -  | - | - | - | - | - | - | - | - |
| 964       | 25        | 403,134        | 3-chloro-   | n                    | n  | n  | -   | - | -  | -   | - | -  | - | - | - | - | - | - | - | - |
| 965       | 25        | 103,789        | 2-ethyl-; diester with 1,4-butanediol                         | n                    | n  | n  | -   | - | -  | -   | - | -  | - | - | - | - | - | - | - | - |
| 966       | 25        | 401,038        | heptafluoro-  | n                    | n  | n  | -   | - | -  | -   | - | -  | - | - | - | - | - | - | - | - |
| 967       | 25        | 106,593        | 2-hydroxy-2-methyl-   | n                    | n  | n  | -   | - | -  | -   | - | -  | - | - | - | - | - | - | - | - |
| 968       | 25        | 507,202        | d-a-(p-nitrophenyl)-  | n                    | n  | n  | -   | - | -  | -   | - | -  | - | - | - | - | - | - | - | - |
| 969       | 25        | 507,203        | dl-a-(p-nitrophenyl)-   | n                    | n  | n  | -   | - | -  | -   | - | -  | - | - | - | - | - | - | - | - |
| 970       | 25        | 400,512        | γ-octylmercapto-  | n                    | n  | n  | -   | - | -  | -   | - | -  | - | - | - | - | - | - | - | - |
| 971       | 57        | Cr-1643        | α,α,β-trichloro-; x-(1-methylheptyl)-x, x-dinitrophenyl ester | 1                    | 2  | 3  | 4   | 4 | 4  | n   | n | n  |   |   |   |   |   |   |   |   |
| 972       | 57        | Cr-1621        | pentachlorophenyl ester                                       | n                    | n  | n  | -   | - | -  | -   | - | -  | - | - | - | - | - | - | - | - |
| 973       | 25        | 100,975        | Butyrolactone   | n                    | n  | n  | -   | - | -  | -   | - | -  | - | - | - | - | - | - | - | - |
| 974       | 25        | 507,204        | Butyronitrile, 2,4-dihydroxy-2,4-dimethyl-; diacetate         | 3                    | 13 | n  | -   | - | -  | -   | - | -  | - | - | - | - | - | - | - | - |
| 975       | 25        | 507,191        | 2-hydroxy-2-methyl-3-oxo-; acetate                            | 4                    | 6  | n  | -   | - | -  | -   | - | -  | - | - | - | - | - | - | - | - |
| 976       | 57        | Cr-1845        | Butyrophenone, 2'-(2-chlorobenzoyloxy)-5'-chloro-2-ethyl-     | n                    | n  | n  | -   | - | -  | -   | - | -  | - | - | - | - | - | - | - | - |
| 977       | 57        | SM-446         | 4'-chloro-3-(p-chlorophenyl)-                                 | -                    | -  | n  | -   | - | -  | -   | - | -  | - | - | - | - | - | - | - | - |
| 978       | 25        | 900,084        | 2,4'-dibromo-3-(p-chlorophenyl)-4-nitro-4-phenyl-             | n                    | n  | n  | -   | - | -  | -   | - | -  | - | - | - | - | - | - | - | - |
| 979       | 25        | 106,991        | 2-ethyl-  | n                    | n  | n  | -   | - | -  | -   | - | -  | - | - | - | - | - | - | - | - |
| 980       | 49        |                | 4'-methoxy-   | 12                   | n  | n  | -   | - | -  | -   | - | -  | - | - | - | - | - | - | - | - |
| 981       | 57        | Q-78           | 2,4,4,4,4'-pentachloro-3-hydroxy-                             | ½                    | 13 | 13 | -   | - | -  | -   | - | -  | - | - | - | - | - | - | - | - |
| 982       | 57        | Q-17           | 4,4,4,4'-tetrachloro-3-(p-chlorophenyl)-                      | 2                    | 2  | 12 | -   | - | -  | -   | - | -  | - | - | - | - | - | - | - | - |

|      |    |          |  |          |    |          |    |   |   |   |   |   |
|------|----|----------|--|----------|----|----------|----|---|---|---|---|---|
| 983  | 15 |          | Cadmium acetate, A. R.   | n        | n  | n        | -  | - | - | - | - | - |
| 984  | 15 |          | Cadmium bromide, crystals  | n        | n  | n        | -  | - | - | - | - | - |
| 985  | 15 |          | Cadmium chloride, A. R.  | n        | n  | n        | -  | - | - | - | - | - |
| 986  | 56 | 6289     | Cake, $\alpha, \beta$  | n        | n  | n        | -  | - | - | - | - | - |
| 987  | 50 |          | Calcium arsenate 50% (monohydrated copper sulfate 10%,<br>hydrated lime 40%; "Blueberry Dust") | n        | n  | n        | -  | - | - | - | - | - |
| 988  | 46 | 170      | Camphor  | -        | -  | n        | -  | - | - | - | - | - |
| 989  | 46 | 312      | monoxime   | n        | n  | n        | -  | - | - | - | - | - |
| 990  | 25 | 507, 205 | $\beta$ -Camphoramic acid  | n        | n  | n        | -  | - | - | - | - | - |
| 991  | 25 | 105, 965 | $\Delta$ -Camphoric acid   | n        | n  | n        | -  | - | - | - | - | - |
| 992  | 25 | 402, 643 | $\Delta$ -Camphorsulfonyl chloride, 3-bromo-   | n        | n  | n        | -  | - | - | - | - | - |
| 993  | 31 |          | Candicidin A   | 12       | n  | 12       | -  | - | - | - | - | - |
| 994  | 31 |          | Candicidin B   | 1        | 2  | 5        | 14 | n | n | n | n | n |
| 995  | 25 | 507, 540 | Caproic acid, $\alpha$ -ethyl-, diester with <u>N</u> -(2-hydroxypropyl)<br>lactamide          | <u>1</u> | 10 | <u>2</u> | -  | - | - | - | - | - |
| 996  | 57 | Cr-1852  | Caprylophenone, 2'-benzyloxy-2, 5'-dichloro-   | n        | n  | n        | -  | - | - | - | - | - |
| 997  | 25 | 510, 334 | Carbamic acid; 2-hydroxyethyl ester  | n        | n  | n        | -  | - | - | - | - | - |
| 998  | 54 |          | methylal ester   | n        | n  | n        | -  | - | - | - | - | - |
| 999  | 57 | Q-112    | 2-thiocyanoethyl ester   | n        | n  | n        | -  | - | - | - | - | - |
| 1000 | 57 | Cr-1825  | acetyl-; butyl ester   | n        | n  | n        | -  | - | - | - | - | - |
| 1001 | 56 | NP-1021  | <u>N, N</u> -bis(2-cyanoethyl) -; sodium salt  | n        | n  | n        | -  | - | - | - | - | - |
| 1002 | 57 | Lo-179   | <u>N, N</u> -bis(2-hydroxyethyl) dithio-; potassium salt                                       | n        | n  | n        | -  | - | - | - | - | - |
| 1003 | 54 |          | <u>N</u> -3-chlorophenyl-; isopropyl ester   | n        | n  | n        | -  | - | - | - | - | - |
| 1004 | 46 | 2        | cyclohexyl-; 2-hydroxyethyl ester  | n        | n  | n        | -  | - | - | - | - | - |
| 1005 | 57 | FW-241   | cyclohexyl-dodecyl-; benzyl ester  | n        | n  | n        | -  | - | - | - | - | - |
| 1006 | 26 | EC 1281  | dibutyldithio-; sodium salt (45% sol. in water)  | n        | n  | n        | -  | - | - | - | - | - |
| 1007 | 57 | Cr-1858  | (2, 2-dichloroethylidene) di-; diethyl ester   | n        | n  | n        | -  | - | - | - | - | - |
| 1008 | 46 | 196      | diethyldithio-   | 3        | n  | n        | -  | - | - | - | - | - |
| 1009 | 57 | Lo-81    | carbamylmethyl ester   | n        | n  | n        | -  | - | - | - | - | - |
| 1010 | 4  |          | dimethyl-; 1-allyl-3-methyl-5-pyrazolyl ester  | n        | 3  | n        | -  | - | - | - | - | - |
| 1011 | 4  |          | 2, 6-dimethyl-4-pyridyl ester  | n        | n  | n        | -  | - | - | - | - | - |
| 1012 | 57 | Lo-34    | ethyl ester  | n        | n  | n        | -  | - | - | - | - | - |
| 1013 | 4  |          | 1-isopropyl-3-methyl-5-pyrazolyl ester   | n        | 10 | n        | -  | - | - | - | - | - |
| 1014 | 4  |          | 1-phenyl-3-methyl-5-pyrazolyl ester  | n        | n  | n        | -  | - | - | - | - | - |
| 1015 | 4  |          | 2-propyl-4-methyl-6-pyrimidyl ester  | n        | n  | n        | -  | - | - | - | - | - |
| 1016 | 57 | Lo-48    | dimethyldithio-; benzyl ester  | 14       | n  | n        | -  | - | - | - | - | - |
| 1017 | 57 | Lo-35    | carbamylmethyl ester   | n        | n  | n        | -  | - | - | - | - | - |
| 1018 | 25 | 800, 119 | copper (II) salt   | n        | n  | n        | -  | - | - | - | - | - |
|      |    | -58      |  |          |    |          |    |   |   |   |   |   |
| 1019 | 57 | Lo-24    | diester with 1, 2-ethanedithiol  | 1        | 6  | n        | -  | - | - | - | - | - |



| Rept. No. | Subm. No. | Subm. Code No. | Name of Chemical   | Concentration in ppm |           |           |     |    |          |     |   |    |
|-----------|-----------|----------------|--|----------------------|-----------|-----------|-----|----|----------|-----|---|----|
|           |           |                |  | 5.0                  |           |           | 1.0 |    |          | 0.1 |   |    |
|           |           |                |  | T                    | B         | SL        | T   | B  | SL       | T   | B | SL |
| 1020      | 57        | Lo-18          | Carbamic acid, dimethyldithio-; ethyl ester  | n                    | n         | n         | -   | -  | -        | -   | - | -  |
| 1021      | 25        | 800,119        |  |                      |           |           |     |    |          |     |   |    |
|           |           | -65            | sodium salt  | 13                   | <u>13</u> | n         | -   | -  | -        | -   | - | -  |
| 1022      | 38        |                | sodium salt, mixed with the sodium salts of<br>2-thiazolethiol and chlorinated phenols,<br>mainly pentachlorophenol ("Vancide 76") | 3                    | 5         | 5         | 14  | 14 | <u>6</u> | n   | n | n  |
| 1023      | 57        | Lo-258         | dinonyldithio-; dinonylamine salt  | 1                    | <u>3</u>  | <u>9</u>  | -   | -  | -        | -   | - | -  |
| 1024      | 54        |                | diphenyl-; ethyl ester   | n                    | n         | n         | -   | -  | -        | -   | - | -  |
| 1025      | 57        | Lo-450         | dithio-; 1-(2-hydroxynaphthyl) methyl ester  | 5                    | <u>1</u>  | <u>9</u>  | -   | -  | -        | -   | - | -  |
| 1026      | 57        | Lo-319         | nonyl ester, mono-zinc salt  | 6                    | n         | n         | -   | -  | -        | -   | - | -  |
| 1027      | 57        | Lo-486         | pentamethylene, piperidinium salt  | 3                    | 14        | n         | -   | -  | -        | -   | - | -  |
| 1028      | 50        |                | ethylenebis [dithio-   | n                    | n         | n         | -   | -  | -        | -   | - | -  |
| 1029      | 57        | Lo-126         | di (3,4-dichlorobenzyl) ester  | n                    | n         | n         | -   | -  | -        | -   | - | -  |
| 1030      | 57        | SM-45          | di-4-hydroxy-4-methyl-2-pentanone ester  | n                    | n         | n         | -   | -  | -        | -   | - | -  |
| 1031      | 54        |                | 2-furfuryl-; isopropyl ester   | n                    | -         | n         | -   | -  | -        | -   | - | -  |
| 1032      | 57        | FW-214         | 2-furyl-; ethyl ester  | n                    | n         | <u>13</u> | -   | -  | -        | -   | - | -  |
| 1033      | 57        | Q-106          | (1-hydroxy-2,2,2-trichloroethyl)-; chloroethyl ester   | n                    | n         | n         | -   | -  | -        | -   | - | -  |
| 1034      | 57        | Q-81           | ethyl ester  | n                    | n         | n         | -   | -  | -        | -   | - | -  |
| 1035      | 57        | FW-232         | x-(1-methylheptyl) benzyl-1,1,3,3-tetramethylbutyl-;<br>benzyl ester   | n                    | n         | n         | -   | -  | -        | -   | - | -  |
| 1036      | 57        | Lo-170         | morpholinodithio-; allyl ester   | n                    | n         | n         | -   | -  | -        | -   | - | -  |
| 1037      | 57        | Lo-171         | methallyl ester  | n                    | n         | n         | -   | -  | -        | -   | - | -  |
| 1038      | 54        | 63600-         |  |                      |           |           |     |    |          |     |   |    |
|           |           | 114-396        | 3-morpholinylpropyl-; isopropyl ester  | -                    | -         | n         | -   | -  | -        | -   | - | -  |
| 1039      | 42        |                | <u>N</u> -phenyl-; isopropyl ester (40% active)  | -                    | -         | n         | -   | -  | -        | -   | - | -  |
| 1040      | 54        |                | <u>m</u> -phenylenedi-; diisopropyl ester  | n                    | -         | n         | -   | -  | -        | -   | - | -  |
| 1041      | 25        | 900,168        | thiono-; ethyl ester   | n                    | n         | n         | -   | -  | -        | -   | - | -  |
| 1042      | 57        | Q-111          | 2,2,2-trichloroethylidene-; 2-chloroethyl ester  | <u>13</u>            | n         | n         | -   | -  | -        | -   | - | -  |
| 1043      | 57        | Q-84           | ethyl ester  | n                    | n         | n         | -   | -  | -        | -   | - | -  |
| 1044      | 57        | Lo-329         | triethylenetetrais dithio-; zinc salt  | n                    | n         | n         | -   | -  | -        | -   | - | -  |
| 1045      | 26        | EC 1335        | Carbamoyl chloride, diethylthio-   | -                    | -         | n         | -   | -  | -        | -   | - | -  |
| 1046      | 46        | 319            | diphenyl-  | 14                   | <u>2</u>  | <u>4</u>  | -   | -  | -        | -   | - | -  |
| 1047      | 54        |                | Carbanilic acid; <i>a</i> -carbobotoxyethyl ester  | n                    | n         | n         | -   | -  | -        | -   | - | -  |
| 1048      | 54        |                | 2-carbobutoxyethyl ester   | n                    | -         | n         | -   | -  | -        | -   | - | -  |
| 1049      | 54        |                | <i>a</i> -carboxyethyl ester   | n                    | n         | n         | -   | -  | -        | -   | - | -  |
| 1050      | 25        | 904,151        | 3-chloropropyl ester   | n                    | n         | n         | -   | -  | -        | -   | - | -  |

|      |    |        |   |            |           |           |   |   |   |   |   |   |
|------|----|--------|---|------------|-----------|-----------|---|---|---|---|---|---|
| 1051 | 54 |        | Carbanilic acid; 1-cyanoethyl ester                     | 14         | -         | n         | - | - | - | - | - | - |
| 1052 | 57 | Lo-158 | cyclohexyl ester  | n          | n         | n         | - | - | - | - | - | - |
| 1053 | 54 |        | isopropyl ester   | n          | n         | n         | - | - | - | - | - | - |
| 1054 | 57 | Lo-4   | methyl ester  | n          | n         | n         | - | - | - | - | - | - |
| 1055 | 54 |        | <u>N</u> -benzyl-3-methyl-; isopropyl ester             | 14         | n         | 14        | - | - | - | - | - | - |
| 1056 | 54 |        | <u>N</u> -butyl-; isopropyl ester                       | n          | n         | n         | - | - | - | - | - | - |
| 1057 | 57 | FW-216 | 4-carboxy-; diethyl ester                               | n          | n         | n         | - | - | - | - | - | - |
| 1058 | 54 |        | 3-chloro-; <i>a</i> -carbobutoxyethyl ester             | n          | n         | n         | - | - | - | - | - | - |
| 1059 | 54 |        | <i>a</i> -carboxyethyl ester                            | n          | n         | n         | - | - | - | - | - | - |
| 1060 | 54 |        | 1,3-dichloro-2-propanyl ester                           | 5          | -         | <u>6</u>  | - | - | - | - | - | - |
| 1061 | 54 |        | diethyleneglycol diester                                | 10         | n         | 14        | - | - | - | - | - | - |
| 1062 | 54 |        | ethylene glycol diester                                 | n          | -         | n         | - | - | - | - | - | - |
| 1063 | 53 |        | isopropyl ester   | n          | n         | n         | - | - | - | - | - | - |
| 1064 | 57 | FW-181 | 4-chloro-; 2-chloroethyl ester                          | <u>1</u>   | <u>2</u>  | n         | - | - | - | - | - | - |
| 1065 | 57 | FW-205 | diethyleneglycol diester                                | 4          | <u>4</u>  | 13        | - | - | - | - | - | - |
| 1066 | 54 |        | isopropyl ester   | n          | n         | n         | - | - | - | - | - | - |
| 1067 | 57 | Q-94   | thiocyanomethyl ester                                   | n          | n         | n         | - | - | - | - | - | - |
| 1068 | 57 | FW-215 | 4-chloro- <u>N</u> -cyanomethyl-; ethyl ester           | n          | n         | <u>13</u> | - | - | - | - | - | - |
| 1069 | 54 |        | 3-chloro-6-methoxy-; isopropyl ester                    | <u>3</u>   | -         | <u>3</u>  | - | - | - | - | - | - |
| 1070 | 54 |        | 3-chloro-2-methyl-; isopropyl ester                     | n          | n         | n         | - | - | - | - | - | - |
| 1071 | 54 |        | isopropyl ester and 3-chloro-6-methyl-; isopropyl ester | n          | n         | n         | - | - | - | - | - | - |
| 1072 | 54 |        | 3-chloro-4-methyl-; isopropyl ester                     | <u>1</u>   | <u>1</u>  | n         | - | - | - | - | - | - |
| 1073 | 54 |        | 3-chloro-6-methyl-; 2-chloroethyl ester                 | n          | n         | n         | - | - | - | - | - | - |
| 1074 | 54 |        | 3-cyano-; 2-chloroethyl ester                           | <u>13</u>  | n         | n         | - | - | - | - | - | - |
| 1075 | 54 |        | isopropyl ester   | n          | n         | n         | - | - | - | - | - | - |
| 1076 | 54 |        | 2,3-dichloro-; isopropyl ester                          | n          | <u>14</u> | n         | - | - | - | - | - | - |
| 1077 | 54 |        | 2,4-dichloro-; isopropyl ester                          | 5          | <u>1</u>  | n         | - | - | - | - | - | - |
| 1078 | 54 |        | 2,5-dichloro-; 2-chloroethyl ester                      | <u>1/2</u> | n         | n         | - | - | - | - | - | - |
| 1079 | 54 |        | isopropyl ester   | n          | n         | n         | - | - | - | - | - | - |
| 1080 | 54 |        | 2,5-diethoxy-; isopropyl ester                          | n          | n         | <u>9</u>  | - | - | - | - | - | - |
| 1081 | 54 |        | 2,4-dimethoxy-; isopropyl ester                         | n          | -         | n         | - | - | - | - | - | - |
| 1082 | 54 |        | 2,5-dimethoxy-; isopropyl ester                         | n          | n         | n         | - | - | - | - | - | - |
| 1083 | 54 |        | <u>N</u> ,2-dimethyl-; isopropyl ester                  | n          | n         | n         | - | - | - | - | - | - |
| 1084 | 54 |        | <u>N</u> ,3-dimethyl-; isopropyl ester                  | n          | n         | n         | - | - | - | - | - | - |
| 1085 | 54 |        | <u>N</u> ,4-dimethyl-; isopropyl ester                  | n          | n         | n         | - | - | - | - | - | - |
| 1086 | 54 |        | 2,3-dimethyl-; isopropyl ester                          | n          | n         | n         | - | - | - | - | - | - |
| 1087 | 54 |        | 2,4-dimethyl-; isopropyl ester                          | n          | n         | n         | - | - | - | - | - | - |
| 1088 | 54 |        | 2,5-dimethyl-; isopropyl ester                          | n          | n         | n         | - | - | - | - | - | - |
| 1089 | 54 |        | 2,6-dimethyl-; isopropyl ester                          | n          | n         | n         | - | - | - | - | - | - |

| Rept. No. | Subm. No. | Subm. Code No. | Name of Chemical  | Concentration in ppm |               |           |     |    |    |     |   |    |
|-----------|-----------|----------------|---|----------------------|---------------|-----------|-----|----|----|-----|---|----|
|           |           |                |   | 5.0                  |               |           | 1.0 |    |    | 0.1 |   |    |
|           |           |                |   | T                    | B             | SL        | T   | B  | SL | T   | B | SL |
| 1090      | 54        |                | Carbanilic acid, 3,5-dimethyl-; isopropyl ester         | n                    | n             | n         | -   | -  | -  | -   | - | -  |
| 1091      | 57        | Lo-22          | dithio-; allyl ester                                    | 2                    | 5             | 13        | -   | -  | -  | -   | - | -  |
| 1092      | 57        | Lo-8           | methyl ester  | 10                   | <u>5</u>      | <u>14</u> | -   | -  | -  | -   | - | -  |
| 1093      | 54        |                | 3-ethoxy-; isopropyl ester                              | n                    | n             | n         | -   | -  | -  | -   | - | -  |
| 1094      | 54        |                | 4-ethoxy-; isopropyl ester                              | -                    | -             | n         | -   | -  | -  | -   | - | -  |
| 1095      | 54        |                | <u>N</u> -ethyl-; ethyl ester                           | n                    | n             | n         | -   | -  | -  | -   | - | -  |
| 1096      | 54        |                | isopropyl ester   | n                    | n             | n         | -   | -  | -  | -   | - | -  |
| 1097      | 54        |                | 4-methoxy-; isopropyl ester                             | n                    | n             | n         | -   | -  | -  | -   | - | -  |
| 1098      | 54        |                | 2-methoxy-5-methyl-; isopropyl ester                    | n                    | n             | n         | -   | -  | -  | -   | - | -  |
| 1099      | 54        |                | 2-methoxy-5-nitro-; isopropyl ester                     | n                    | -             | n         | -   | -  | -  | -   | - | -  |
| 1100      | 54        |                | <u>N</u> -methyl-; isopropyl ester                      | n                    | -             | n         | -   | -  | -  | -   | - | -  |
| 1101      | 54        |                | 3-methyl-; 2-chloroethyl ester                          | <u>1</u>             | n             | n         | -   | -  | -  | -   | - | -  |
| 1102      | 54        |                | isopropyl ester   | n                    | n             | n         | -   | -  | -  | -   | - | -  |
| 1103      | 54        |                | <u>N</u> -3-methylbutyl-; isopropyl ester               | n                    | n             | n         | -   | -  | -  | -   | - | -  |
| 1104      | 54        |                | 2-methyl-5-chloro-; isopropyl ester                     | -                    | -             | n         | -   | -  | -  | -   | - | -  |
| 1105      | 54        |                | 2-methyl-5-isopropyl-; isopropyl ester                  | n                    | n             | n         | -   | -  | -  | -   | - | -  |
| 1106      | 54        |                | 3-nitro-; isopropyl ester                               | n                    | n             | n         | -   | -  | -  | -   | - | -  |
| 1107      | 57        | SM-363         | thio-; <u>t</u> -butyl ester                            | n                    | n             | n         | -   | -  | -  | -   | - | -  |
| 1108      | 46        | 15             | Carbanilide   | 14                   | n             | n         | -   | -  | -  | -   | - | -  |
| 1109      | 57        | Lo-289         | <u>N</u> -carbethoxythio-                               | $\frac{1}{2}$        | $\frac{1}{2}$ | n         | -   | -  | -  | -   | - | -  |
| 1110      | 54        |                | Carbazic acid, 2-(2,5-dichlorophenyl)-; isopropyl ester | n                    | n             | n         | -   | -  | -  | -   | - | -  |
| 1111      | 54        |                | 2-methyl-2-phenyl-; isopropyl ester                     | n                    | n             | n         | -   | -  | -  | -   | - | -  |
| 1112      | 54        |                | 2-phenyl-; isopropyl ester                              | n                    | n             | n         | -   | -  | -  | -   | - | -  |
| 1113      | 54        |                | 3-phenyl-; 2-chloroethyl ester                          | n                    | n             | n         | -   | -  | -  | -   | - | -  |
| 1114      | 25        | 800, 558       | Carbazole   | 5                    | 13            | n         | -   | -  | -  | -   | - | -  |
| 1115      | 25        | 508, 478       | 9-acetyl-   | 1                    | 4             | <u>8</u>  | -   | -  | -  | -   | - | -  |
| 1116      | 25        | 503, 143       | 9-benzoyl-  | n                    | n             | n         | -   | -  | -  | -   | - | -  |
| 1117      | 25        | 803, 319       | 3-bromo-  | -                    | -             | n         | -   | -  | -  | -   | - | -  |
| 1118      | 57        | Cr-294         | <u>N</u> -2-chloroethyl-                                | n                    | n             | n         | -   | -  | -  | -   | - | -  |
| 1119      | 57        | Cr-907         | 9-hydroxymethyl-  | 3                    | 3             | 7         | n   | n  | n  | n   | n | n  |
| 1120      | 25        | 502, 558       | 9-nitroso-  | -                    | -             | n         | -   | -  | -  | -   | - | -  |
| 1121      | 57        | Cr-336         | <u>N</u> -2-thiocyanoethyl-                             | -                    | $\frac{1}{2}$ | 13        | -   | -  | -  | -   | - | -  |
| 1122      | 65        |                | Carbinol, bis ( <u>p</u> -chlorophenyl) ethynyl-        | 2                    | 5             | n         | -   | -  | -  | -   | - | -  |
| 1123      | 54        |                | Carbonic acid; allyl 2-chloroethyl ester                | 12                   | 12            | n         | -   | -  | -  | -   | - | -  |
| 1124      | 54        |                | allyl pentachlorophenyl ester                           | 2                    | 3             | 4         | 15  | 15 | 15 | n   | n | n  |
| 1125      | 54        |                | allyl propyl ester                                      | n                    | 14            | n         | -   | -  | -  | -   | - | -  |

|      |    |         |  |                                 |                                 |          |   |    |          |   |   |   |
|------|----|---------|--|---------------------------------|---------------------------------|----------|---|----|----------|---|---|---|
| 1126 | 54 |         | Carbonic acid; bis(pentachlorophenyl) ester                          | 2                               | 3                               | 5        | n | n  | n        | n | n | n |
| 1127 | 58 | O-7463  | 2-chloro-4-methylphenyl ethyl ester                                  | 6                               | 14                              | n        | - | -  | -        | - | - | - |
| 1128 | 58 | O-7469  | 4-chloro-2-methylphenyl ethyl ester                                  | 6                               | 14                              | <u>1</u> | - | -  | -        | - | - | - |
| 1129 | 25 | 402,617 | 4-chlorophenyl isopropyl ester                                       | -                               | -                               | n        | - | -  | -        | - | - | - |
| 1130 | 58 | O-7488  | <u>p</u> -chlorophenyl pentyl ester                                  | 6                               | 14                              | n        | - | -  | -        | - | - | - |
| 1131 | 25 | 107,551 | cyclic ester with 1,2-propanediol                                    | n                               | n                               | n        | - | -  | -        | - | - | - |
| 1132 | 54 |         | diallyl ester  | 12                              | 12                              | n        | - | -  | -        | - | - | - |
| 1133 | 25 | 402,615 | 2,4-dichlorophenyl isopropyl ester                                   | -                               | -                               | n        | - | -  | -        | - | - | - |
| 1134 | 25 | 402,611 | 2,4-dichlorophenyl methyl ester                                      | -                               | -                               | n        | - | -  | -        | - | - | - |
| 1135 | 54 |         | dipentyl ester   | n                               | n                               | n        | - | -  | -        | - | - | - |
| 1136 | 58 | O-63-a  | diphenyl ester   | 5                               | <u><math>\frac{1}{2}</math></u> | n        | - | -  | -        | - | - | - |
| 1137 | 25 | 105,239 | di- <u>p</u> -tolyl ester  | n                               | n                               | n        | - | -  | -        | - | - | - |
| 1138 | 46 | 135     | ethylene (cyclic) ester  | n                               | n                               | n        | - | -  | -        | - | - | - |
| 1139 | 25 | 402,612 | isopropyl pentachlorophenyl ester                                    | 2                               | 12                              | 12       | - | -  | -        | - | - | - |
| 1140 | 54 |         | isopropyl <u>m</u> -phenylene diester                                | 3                               | 3                               | <u>5</u> | 5 | 10 | <u>9</u> | n | n | n |
| 1141 | 54 |         | isopropyl <u>o</u> -phenylene diester                                | 1                               | 10                              | n        | 8 | n  | n        | n | n | n |
| 1142 | 25 | 402,614 | isopropyl 2,4,5-trichlorophenyl ester                                | <u><math>\frac{1}{2}</math></u> | 2                               | 9        | - | -  | -        | - | - | - |
| 1143 | 25 | 510,565 | monopentyl ester, diester with <u>N</u> -2-hydroxypropyl-lactamide   | n                               | n                               | n        | - | -  | -        | - | - | - |
| 1144 | 25 | 404,042 | mono(2,4,5-trichlorophenyl) ester, diester with diethylene glycol    | n                               | n                               | n        | - | -  | -        | - | - | - |
| 1145 | 58 | O-7494  | pentyl <u>p</u> -tolyl ester   | 8                               | <u>1</u>                        | n        | - | -  | -        | - | - | - |
| 1146 | 46 | 136     | propylene ester  | n                               | n                               | n        | - | -  | -        | - | - | - |
| 1147 | 57 | Lo-12   | thio-; <u>S</u> -carbethoxy ethyl ester                              | 12                              | n                               | n        | - | -  | -        | - | - | - |
| 1148 | 25 | 100,854 | Carvacrol  | -                               | -                               | n        | - | -  | -        | - | - | - |
| 1149 | 46 | 128     | Castor oil, hydrogenated   | n                               | n                               | n        | - | -  | -        | - | - | - |
| 1150 | 57 | WC-96   | Catechol; diester with benzoic acid                                  | 3                               | <u>3</u>                        | n        | - | -  | -        | - | - | - |
| 1151 | 25 | 104,157 | Cellobiose   | n                               | n                               | n        | - | -  | -        | - | - | - |
| 1152 | 31 | 282     | Cellulose, <u>p</u> -chlorobenzyl-                                   | 5                               | 13                              | 13       | - | -  | -        | - | - | - |
| 1153 | 63 | O-4190  | kerylbenzyl-   | -                               | -                               | n        | - | -  | -        | - | - | - |
| 1154 | 63 | O-4640  | Cetyl alcohol, with 20 moles of ethylene oxide, condensation product | 12                              | -                               | n        | - | -  | -        | - | - | - |
| 1155 | 63 | O-4661  | with 19 moles of propylene oxide, condensation product               | -                               | -                               | n        | - | -  | -        | - | - | - |
| 1156 | 57 | H-121   | Chalcone   | 2                               | <u>2</u>                        | <u>3</u> | - | -  | -        | - | - | - |
| 1157 | 31 | 305     | 3,4-dichloro-  | n                               | -                               | n        | - | -  | -        | - | - | - |
| 1158 | 25 | 103,497 | 3,4-dimethoxy-   | 8                               | n                               | n        | - | -  | -        | - | - | - |
| 1159 | 49 |         | 4,4'-dimethoxy- <u><math>\alpha</math></u> -ethyl-                   | 6                               | 4                               | 12       | - | -  | -        | - | - | - |
| 1160 | 25 | 103,494 | 2-methoxy-   | 2                               | 2                               | 13       | - | -  | -        | - | - | - |
| 1161 | 25 | 102,925 | Chaulmoogric acid; ethyl ester                                       | n                               | n                               | n        | - | -  | -        | - | - | - |

| Rept. No. | Subm. No. | Subm. Code No. | Name of Chemical   | Concentration in ppm |               |    |     |   |    |     |   |    |
|-----------|-----------|----------------|--|----------------------|---------------|----|-----|---|----|-----|---|----|
|           |           |                |  | 5.0                  |               |    | 1.0 |   |    | 0.1 |   |    |
|           |           |                |  | T                    | B             | SL | T   | B | SL | T   | B | SL |
| 1162      | 57        | Q-69           | Chloralammonia   | n                    | n             | n  | -   | - | -  | -   | - | -  |
| 1163      | 57        | Q-73           | Chloral compd. with <u>p</u> -dichlorobenzene                                  | n                    | n             | n  | -   | - | -  | -   | - | -  |
| 1164      | 54        |                | Chloral hydrate  | n                    | n             | n  | -   | - | -  | -   | - | -  |
| 1165      | 46        | 66             | <i>a</i> -Chloralose   | n                    | n             | n  | -   | - | -  | -   | - | -  |
| 1166      | 56        | NP-867         | Chloral sulfhydrate  | n                    | n             | n  | -   | - | -  | -   | - | -  |
| 1167      | 25        | 900,182        |  |                      |               |    |     |   |    |     |   |    |
|           |           | -65            | Chloramine B; sesquihydrate  | n                    | n             | n  | -   | - | -  | -   | - | -  |
| 1168      | 57        | Q-234          | Chloramine T   | 1                    | 5             | 14 | -   | - | -  | -   | - | -  |
| 1169      | 33        |                | Chlorax spray powder   | n                    | n             | n  | -   | - | -  | -   | - | -  |
| 1170      | 42        |                | Chlordane (25% active)   | 3                    | 13            | n  | -   | - | -  | -   | - | -  |
| 1171      | 60        |                | Chlordane, gamma isomer  | 5                    | n             | n  | -   | - | -  | -   | - | -  |
| 1172      | 46        |                | (technical), 1,2,4,5,6,7,8,8-octachloro-3a,4,7,7a-tetrahydro-4,7-methanoindane | 1                    | 2             | 6  | 3   | 5 | 14 | 5   | n | n  |
| 1173      | 60        |                | "ditto"  | 4                    | -             | n  | -   | - | -  | -   | - | -  |
| 1174      | 57        | FW-128         | Choline, 2-chloro-4-nitrophenoxide   | n                    | n             | n  | -   | - | -  | -   | - | -  |
| 1175      | 57        | FW-129         | x,x-dinitro-x-nonylphenoxide   | 2                    | 3             | 12 | -   | - | -  | -   | - | -  |
| 1176      | 25        | 000,437        | Chrysene   | n                    | n             | n  | -   | - | -  | -   | - | -  |
| 1177      | 25        | 503,238        | Cinchomeric acid; 4-ethyl ester  | n                    | n             | n  | -   | - | -  | -   | - | -  |
| 1178      | 25        | 5K0,182        | Cinchonine; salt with 1 f. wt. mandelic acid                                   | n                    | n             | n  | -   | - | -  | -   | - | -  |
| 1179      | 25        | 900,049        | Cinchophen, 7-chloro-  | n                    | n             | n  | -   | - | -  | -   | - | -  |
| 1180      | 25        | 503,100        | Cinnamaldehyde, <u>p</u> -nitro-   | 2                    | 13            | 13 | -   | - | -  | -   | - | -  |
| 1181      | 25        | 105,347        | Cinnamic acid; bornyl ester  | n                    | n             | n  | -   | - | -  | -   | - | -  |
| 1182      | 57        | SM-14          | cyclohexanon-2-yl ester  | n                    | n             | n  | -   | - | -  | -   | - | -  |
| 1183      | 57        | SM-21          | potassium salt   | n                    | n             | n  | -   | - | -  | -   | - | -  |
| 1184      | 58        | O-7052         |  |                      |               |    |     |   |    |     |   |    |
|           |           | -b             | propargyl ester  | 12                   | n             | n  | -   | - | -  | -   | - | -  |
| 1185      | 25        | 507,207        |  |                      |               |    |     |   |    |     |   |    |
|           |           | -10            | <u>m</u> -amino-; ethyl ester, hydrochloride                                   | n                    | n             | n  | -   | - | -  | -   | - | -  |
| 1186      | 58        | O-5711         |  |                      |               |    |     |   |    |     |   |    |
|           |           | -a             | <u>p</u> -butoxy-; 2-ethyl- <u>n</u> -hexyl ester                              | n                    | n             | n  | -   | - | -  | -   | - | -  |
| 1187      | 31        | 577            | <u>o</u> -chloro- <i>a</i> -cyano-   | n                    | -             | n  | -   | - | -  | -   | - | -  |
| 1188      | 25        | 502,761        | <i>a</i> -cyano-   | n                    | n             | n  | -   | - | -  | -   | - | -  |
| 1189      | 25        | 506,602        | $\beta$ -diethylamino-; ethyl ester  | -                    | -             | n  | -   | - | -  | -   | - | -  |
| 1190      | 25        | 510,347        | <u>p</u> -nitro-; ethyl ester  | $\frac{1}{2}$        | $\frac{1}{2}$ | n  | -   | - | -  | -   | - | -  |

|      |    |         |  |           |           |           |   |    |   |   |   |   |   |   |   |   |   |   |   |
|------|----|---------|--|-----------|-----------|-----------|---|----|---|---|---|---|---|---|---|---|---|---|---|
| 1191 | 25 | 100,517 |  |           |           |           |   |    |   |   |   |   |   |   |   |   |   |   |   |
|      |    | -68     | Citric acid; nickel (II) salt                            | n         | n         | n         | - | -  | - | - | - | - | - | - | - | - | - | - | - |
| 1192 | 46 | 140     | Citronellal  | -         | -         | n         | - | -  | - | - | - | - | - | - | - | - | - | - | - |
| 1193 | 21 |         | Coahoma Chemical Company 3-5-0 liquid insecticide        | 3         | 6         | <u>13</u> | - | -  | - | - | - | - | - | - | - | - | - | - | - |
| 1194 | 11 |         | <u>n</u> -Cocoamine ("Armeen C")                         | 2         | 5         | <u>14</u> | - | -  | - | - | - | - | - | - | - | - | - | - | - |
| 1195 | 11 |         | <u>n</u> -Coconitrile ("Arneel C")                       | <u>14</u> | n         | n         | - | -  | - | - | - | - | - | - | - | - | - | - | - |
| 1196 | 25 | 800,034 | <u>s</u> -Collidine                                      | n         | n         | n         | - | -  | - | - | - | - | - | - | - | - | - | - | - |
| 1197 | 25 | 102,406 | $\beta$ -Conidendrol                                     | n         | n         | n         | - | -  | - | - | - | - | - | - | - | - | - | - | - |
| 1198 | 15 |         | Copper (II) chloride (purified crystals)                 | 10        | n         | 12        | - | -  | - | - | - | - | - | - | - | - | - | - | - |
| 1199 | 15 |         | Copper (II) nitrate (purified)                           | 11        | n         | 13        | - | -  | - | - | - | - | - | - | - | - | - | - | - |
| 1200 | 57 | Cr-977  | Copper salt of Cr 976                                    | 14        | n         | 14        | - | -  | - | - | - | - | - | - | - | - | - | - | - |
| 1201 | 50 |         | Copper sulfate; monohydrated ("Blueberry Dust")          | n         | n         | n         | - | -  | - | - | - | - | - | - | - | - | - | - | - |
| 1202 | 50 |         | Copper sulfate; tribasic                                 | n         | n         | n         | - | -  | - | - | - | - | - | - | - | - | - | - | - |
| 1203 | 50 |         | Copper zinc chromate                                     | n         | n         | n         | - | -  | - | - | - | - | - | - | - | - | - | - | - |
| 1204 | 25 | 504,300 |  |           |           |           |   |    |   |   |   |   |   |   |   |   |   |   |   |
|      |    | -10     | Cotarnine; hydrochloride                                 | n         | n         | n         | - | -  | - | - | - | - | - | - | - | - | - | - | - |
| 1205 | 25 | 100,844 | Coumarilic acid  | n         | n         | n         | - | -  | - | - | - | - | - | - | - | - | - | - | - |
| 1206 | 46 | 291     | Coumarin   | 3         | <u>12</u> | n         | - | -  | - | - | - | - | - | - | - | - | - | - | - |
| 1207 | 25 | 106,636 | 3-benzoyl-   | n         | <u>10</u> | n         | - | -  | - | - | - | - | - | - | - | - | - | - | - |
| 1208 | 49 |         | 3-benzyl-4-methyl-7-hydroxy-                             | 3         | <u>14</u> | <u>4</u>  | - | -  | - | - | - | - | - | - | - | - | - | - | - |
| 1209 | 57 | Cr-251  | 7-benzyloxy-4-methyl-                                    | -         | n         | n         | - | -  | - | - | - | - | - | - | - | - | - | - | - |
| 1210 | 46 | 278     | 6-chloro-  | <u>1</u>  | 14        | <u>1</u>  | - | -  | - | - | - | - | - | - | - | - | - | - | - |
| 1211 | 46 |         | 7-(3-chlorallyloxy)-4-methyl-                            | n         | -         | n         | - | -  | - | - | - | - | - | - | - | - | - | - | - |
| 1212 | 49 |         | 5,7-dihydroxy-4,6-dimethyl-                              | n         | n         | n         | - | -  | - | - | - | - | - | - | - | - | - | - | - |
| 1213 | 49 |         | 5,7-dihydroxy-4-methyl-                                  | n         | n         | n         | - | -  | - | - | - | - | - | - | - | - | - | - | - |
| 1214 | 49 |         | hydroxy-   | 10        | n         | n         | - | -  | - | - | - | - | - | - | - | - | - | - | - |
| 1215 | 15 |         | Creosote NF IX   | n         | n         | n         | - | -  | - | - | - | - | - | - | - | - | - | - | - |
| 1216 | 15 |         | Cresol; U. S. P. XIV                                     | n         | n         | n         | - | -  | - | - | - | - | - | - | - | - | - | - | - |
| 1217 | 25 | 508,498 |  |           |           |           |   |    |   |   |   |   |   |   |   |   |   |   |   |
|      |    | -13     | <u>m</u> -Cresol, 4-amino-6- <u>tert</u> -butyl-; iodide | n         | n         | n         | - | -  | - | - | - | - | - | - | - | - | - | - | - |
| 1218 | 25 | 403,289 | 4,6-di- <u>tert</u> -butyl-2(?) -chloro-                 | n         | n         | n         | - | -  | - | - | - | - | - | - | - | - | - | - | - |
| 1219 | 46 | 239     | <u>o</u> -Cresol, 4-amino-; sulfate                      | 13        | 13        | 13        | - | -  | - | - | - | - | - | - | - | - | - | - | - |
| 1220 | 57 | Cr-1251 | 4-bromo-   | 12        | 12        | <u>4</u>  | - | -  | - | - | - | - | - | - | - | - | - | - | - |
| 1221 | 57 | Cr-1252 | 4-bromo-6-nitro-   | 5         | 5         | 5         | n | 14 | n | n | n | n | n | n | n | n | n | n | n |
| 1222 | 57 | Cr-1253 | acetate  | 1         | 1         | 13        | - | -  | - | - | - | - | - | - | - | - | - | - | - |
| 1223 | 25 | 402,018 | 4-chloro-  | 3         | 9         | <u>6</u>  | - | -  | - | - | - | - | - | - | - | - | - | - | - |
| 1224 | 25 | 400,345 | 6-chloro-  | 12        | n         | n         | - | -  | - | - | - | - | - | - | - | - | - | - | - |
| 1225 | 57 | Cr-1263 | 4-chloro-6-nitro-; acetate                               | 7         | 12        | 12        | - | -  | - | - | - | - | - | - | - | - | - | - | - |
| 1226 | 25 | 403,144 | 4,6-diiodo-  | 4         | 3         | 11        | n | n  | n | n | n | n | n | n | n | n | n | n | n |
| 1227 | 28 |         | dinitro- ("DN Dry Mix No. 2")                            | 7         | 9         | 5         | n | n  | n | n | n | n | n | n | n | n | n | n | n |

| Rept. No. | Subm. No. | Subm. Code No. | Name of Chemical   | Concentration in ppm            |           |           |     |   |    |     |   |    |
|-----------|-----------|----------------|--|---------------------------------|-----------|-----------|-----|---|----|-----|---|----|
|           |           |                |  | 5.0                             |           |           | 1.0 |   |    | 0.1 |   |    |
|           |           |                |  | T                               | B         | SL        | T   | B | SL | T   | B | SL |
| 1228      | 46        | 184            | <i>o</i> -Cresol, 4,6-dinitro-   | 2                               | 13        | 3         | 15  | n | 5  | n   | n | n  |
| 1229      | 57        | Cr-267         | 6-nitro-   | n                               | <u>8</u>  | n         | -   | - | -  | -   | - | -  |
| 1230      | 31        | 1124           | <i>p</i> -Cresol; benzoate   | 14                              | -         | <u>14</u> | -   | - | -  | -   | - | -  |
| 1231      | 1         |                | commercial   | <u><math>\frac{1}{2}</math></u> | -         | <u>1</u>  | -   | - | -  | -   | - | -  |
| 1232      | 57        | SM-110         | crotonate  | 4                               | <u>8</u>  | n         | -   | - | -  | -   | - | -  |
| 1233      | 57        | Cr-1054        | 2,6-dibromo- <i>a, a, a</i> -triphenyl-  | n                               | n         | n         | -   | - | -  | -   | - | -  |
| 1234      | 57        | Cr-1056        | acetate  | n                               | n         | n         | -   | - | -  | -   | - | -  |
| 1235      | 57        | Cr-1055        | 2-nitro- <i>a, a, a</i> -triphenyl-  | n                               | n         | n         | -   | - | -  | -   | - | -  |
| 1236      | 57        | Cr-1033        | <i>a, a, a</i> -triphenyl-   | n                               | n         | n         | -   | - | -  | -   | - | -  |
| 1237      | 57        | Cr-1034        | acetate  | n                               | n         | n         | -   | - | -  | -   | - | -  |
| 1238      | 31        | 34             | <i>o</i> -Cresotic acid, methylenebis-   | n                               | n         | n         | -   | - | -  | -   | - | -  |
| 1239      | 25        | 508, 492       | 2,4-Cresotic acid, 6-anilino-; ethyl ester                                     | n                               | n         | n         | -   | - | -  | -   | - | -  |
| 1240      | 8         |                | Cresylic acid FF   | -                               | -         | n         | -   | - | -  | -   | - | -  |
| 1241      | 57        | He-482         | Crotonic acid; 2-chloroethyl ester   | n                               | n         | n         | -   | - | -  | -   | - | -  |
| 1242      | 57        | SM-154         | 3,4-dimethyl-7-hydroxyhydrindone ester   | n                               | n         | n         | -   | - | -  | -   | - | -  |
| 1243      | 57        | ER-121         | mandelonitrile ester   | 4                               | -         | n         | -   | - | -  | -   | - | -  |
| 1244      | 57        | SM-56          | silver salt  | 4                               | 14        | 14        | -   | - | -  | -   | - | -  |
| 1245      | 25        | 402, 027       | 3-benzoyl-4-( <i>o</i> -chlorophenyl)-2-( <i>p</i> -methoxyphenyl)-            | 13                              | n         | <u>5</u>  | -   | - | -  | -   | - | -  |
| 1246      | 25        | 105, 701       | 3-ethoxy-; ethyl ester   | n                               | n         | n         | -   | - | -  | -   | - | -  |
| 1247      | 57        | Lo-208         | Crotonyl anhydride, allyl xanthogen  | n                               | n         | n         | -   | - | -  | -   | - | -  |
| 1248      | 67        |                | Cryptopleurine   | 1                               | <u>1</u>  | n         | -   | - | -  | -   | - | -  |
| 1249      | 58        | O-4688         | Cumene, trichloro  | -                               | -         | n         | -   | - | -  | -   | - | -  |
| 1250      | 57        | O-2266         | Cyanamide, cyanomethyl(1,1,3,3-tetramethylbutyl)-                              | 4                               | 12        | n         | -   | - | -  | -   | - | -  |
| 1251      | 25        | 802, 317       | diallyl-   | n                               | n         | n         | -   | - | -  | -   | - | -  |
| 1252      | 54        |                | Cyanuric acid  | n                               | n         | n         | -   | - | -  | -   | - | -  |
| 1253      | 25        | 802, 316       | Cyanuric chloride  | 5                               | 13        | 13        | -   | - | -  | -   | - | -  |
| 1254      | 25        | 402, 392       | 1,2-Cyclobutanedicarboxylic acid, 1,2-di-bromo-;<br>diethyl ester              | 13                              | <u>13</u> | <u>13</u> | -   | - | -  | -   | - | -  |
| 1255      | 25        | 105, 252       | 2,4-Cyclohexadiene-1-carboxylic acid, 2,4-dihydroxy-6-<br>phenyl-; ethyl ester | n                               | n         | n         | -   | - | -  | -   | - | -  |
| 1256      | 25        | 000, 757       | Cyclohexane, 2-bromoethyl-   | n                               | -         | n         | -   | - | -  | -   | - | -  |
| 1257      | 25        | 001, 056       | 1,2-dibromo-   | n                               | -         | n         | -   | - | -  | -   | - | -  |
| 1258      | 57        | Q-95           | 1,2-dichloro-4-(1,2-dichloroethyl)-  | <u>1</u>                        | <u>1</u>  | n         | -   | - | -  | -   | - | -  |
| 1259      | 46        | 7              | <u>cis-trans</u>   | 5                               | 5         | n         | -   | - | -  | -   | - | -  |
| 1260      | 57        | Q-96           | 1-( <i>a, <math>\beta</math></i> -dichloroethyl)-2,3,4-trichloro-              | <u>1</u>                        | <u>2</u>  | n         | -   | - | -  | -   | - | -  |

|        |    |          |  |               |               |               |               |   |          |   |    |           |
|--------|----|----------|--|---------------|---------------|---------------|---------------|---|----------|---|----|-----------|
| 1261   | 46 | 17       | Cyclohexane, 1, 3-diphenoxy-2, 4, 5, 6-tetrachloro-                | $\frac{1}{2}$ | 3             | 3             | $\frac{1}{2}$ | 4 | <u>4</u> | 4 | 14 | n         |
| 1262   | 25 | 000, 288 | 1, 2, 3, 4, 5, 6-hexachloro-; $\alpha$ isomer                      | -             | -             | n             | -             | - | -        | - | -  | -         |
| 1263   | 54 |          |  |               |               |               |               |   |          |   |    |           |
|        | 25 | 000, 289 | $\beta$ isomer   | n             | n             | n             | -             | - | -        | - | -  | -         |
| 1264   | 25 | 000, 124 | $\gamma$ isomer ("Lindane")  | $\frac{1}{2}$ | $\frac{1}{2}$ | 4             | -             | - | -        | - | -  | -         |
|        | 39 |          | "ditto"  | $\frac{1}{2}$ | 1             | 2             | 1             | 1 | <u>3</u> | 6 | 6  | <u>15</u> |
| 1264 a | 42 |          | $\gamma$ isomer ("Lindane", 25% active)                            | 1             | 3             | 9             | -             | - | -        | - | -  | -         |
| 1264 b | 36 |          | $\gamma$ isomer ("Lindane", 99% $\gamma$ BHC)                      | $\frac{1}{2}$ | 1             | $\frac{1}{2}$ | -             | - | -        | - | -  | -         |
| 1265   | 42 |          | $\gamma$ isomer ("Lindane", 100%)                                  | 2             | 1             | 3             | -             | 5 | 5        | n | n  | n         |
| 1266   | 42 |          | $\gamma$ isomer ("Lindane", 90% water-dispersible)                 | $\frac{1}{2}$ | $\frac{1}{2}$ | 1             | 2             | 2 | <u>2</u> | n | n  | n         |
| 1267   | 54 |          | $\Delta$ isomer  | $\frac{1}{2}$ | $\frac{1}{2}$ | <u>2</u>      | -             | - | -        | - | -  | -         |
|        | 25 | 000, 290 | "ditto"  | <u>4</u>      | 4             | <u>4</u>      | -             | - | -        | - | -  | -         |
| 1268   | 57 | Q-222    | hexamethyl-  | n             | n             | n             | -             | - | -        | - | -  | -         |
| 1269   | 25 | 000, 821 | methyl-  | 13            | -             | n             | -             | - | -        | - | -  | -         |
| 1270   | 25 | 001, 146 | 1, 2, 4, 5-tetramethyl-  | n             | n             | n             | -             | - | -        | - | -  | -         |
| 1271   | 25 | 104, 116 | Cyclohexaneacetic acid   | n             | n             | n             | -             | - | -        | - | -  | -         |
| 1272   | 25 | 106, 630 | $\alpha$ -butyl-   | n             | n             | n             | -             | - | -        | - | -  | -         |
| 1273   | 25 | 100, 358 | Cyclohexanebutyric acid  | 14            | <u>14</u>     | 9             | -             | - | -        | - | -  | -         |
| 1274   | 25 | 100, 358 |  |               |               |               |               |   |          |   |    |           |
|        |    | -68      | nickel (II) salt   | n             | n             | n             | -             | - | -        | - | -  | -         |
| 1275   | 25 | 100, 375 |  |               |               |               |               |   |          |   |    |           |
|        |    | -68      | Cyclohexanecaproic acid; nickel (II) salt                          | n             | n             | n             | -             | - | -        | - | -  | -         |
| 1276   | 57 | He-468   | Cyclohexanecarboxylic acid, x-chloro-x-octyl-;                     |               |               |               |               |   |          |   |    |           |
|        |    |          | 2-chloroethyl ester  | n             | n             | n             | -             | - | -        | - | -  | -         |
| 1277   | 57 | He-480   | 2-thiocyanoethyl ester   | n             | n             | n             | -             | - | -        | - | -  | -         |
| 1278   | 25 | 100, 924 | 1-methyl-2-oxo-; ethyl ester                                       | n             | n             | n             | -             | - | -        | - | -  | -         |
| 1279   | 57 | SM-29    | 2-oxo-; $\beta$ -chloroethyl ester                                 | n             | n             | n             | -             | - | -        | - | -  | -         |
| 1280   | 25 | 105, 328 | 1, 4-Cyclohexanedicarboxylic acid; diethyl ester                   | n             | n             | n             | -             | - | -        | - | -  | -         |
| 1281   | 25 | 106, 458 | 2, 5-dioxo-; diethyl ester   | -             | -             | n             | -             | - | -        | - | -  | -         |
| 1282   | 46 | 306      | 1, 2-Cyclohexanedicarboxylic anhydride                             | n             | n             | n             | -             | - | -        | - | -  | -         |
| 1283   | 25 | 106, 596 | 1, 4-Cyclohexanediol   | n             | n             | n             | -             | - | -        | - | -  | -         |
| 1284   | 25 | 102, 784 | 1, 3-Cyclohexanedione, 5-phenyl-                                   | n             | n             | n             | -             | - | -        | - | -  | -         |
| 1285   | 25 | 800, 139 |  |               |               |               |               |   |          |   |    |           |
|        |    | -10      | Cyclohexanemethylamine, <u>N</u> -2-chloroethyl- <u>N</u> -ethyl-; |               |               |               |               |   |          |   |    |           |
|        |    |          | hydrochloride  | n             | n             | n             | -             | - | -        | - | -  | -         |
| 1286   | 63 | O-3664   | Cyclohexanesulfonamide   | -             | -             | n             | -             | - | -        | - | -  | -         |
| 1287   | 63 | O-3966   | <u>N,N</u> -dicyanoethyl-  | -             | -             | n             | -             | - | -        | - | -  | -         |
| 1288   | 25 | 103, 733 | Cyclohexanevaleric acid  | n             | n             | n             | -             | - | -        | - | -  | -         |
| 1289   | 25 | 106, 612 | Cyclohexanol, 2- <u>sec</u> -butyl-                                | n             | n             | n             | -             | - | -        | - | -  | -         |



| Rept. No. | Subm. No. | Subm. Code No. | Name of Chemical   | Concentration in ppm |           |           |     |   |    |     |   |    |
|-----------|-----------|----------------|--|----------------------|-----------|-----------|-----|---|----|-----|---|----|
|           |           |                |  | 5.0                  |           |           | 1.0 |   |    | 0.1 |   |    |
|           |           |                |  | T                    | B         | SL        | T   | B | SL | T   | B | SL |
| 1228      | 46        | 184            | <u>o</u> -Cresol, 4,6-dinitro-   | 2                    | 13        | 3         | 15  | n | 5  | n   | n | n  |
| 1229      | 57        | Cr-267         | 6-nitro-   | n                    | <u>8</u>  | n         | -   | - | -  | -   | - | -  |
| 1230      | 31        | 1124           | <u>p</u> -Cresol; benzoate   | 14                   | -         | <u>14</u> | -   | - | -  | -   | - | -  |
| 1231      | 1         |                | commercial   | <u>1</u>             | -         | <u>1</u>  | -   | - | -  | -   | - | -  |
| 1232      | 57        | SM-110         | crotonate  | 4                    | <u>8</u>  | n         | -   | - | -  | -   | - | -  |
| 1233      | 57        | Cr-1054        | 2,6-dibromo- <i>a, a, a</i> -triphenyl-  | n                    | n         | n         | -   | - | -  | -   | - | -  |
| 1234      | 57        | Cr-1056        | acetate  | n                    | n         | n         | -   | - | -  | -   | - | -  |
| 1235      | 57        | Cr-1055        | 2-nitro- <i>a, a, a</i> -triphenyl-  | n                    | n         | n         | -   | - | -  | -   | - | -  |
| 1236      | 57        | Cr-1033        | <i>a, a, a</i> -triphenyl-   | n                    | n         | n         | -   | - | -  | -   | - | -  |
| 1237      | 57        | Cr-1034        | acetate  | n                    | n         | n         | -   | - | -  | -   | - | -  |
| 1238      | 31        | 34             | <u>o</u> -Cresotic acid, methylenebis-   | n                    | n         | n         | -   | - | -  | -   | - | -  |
| 1239      | 25        | 508, 492       | 2,4-Cresotic acid, 6-anilino-; ethyl ester                                     | n                    | n         | n         | -   | - | -  | -   | - | -  |
| 1240      | 8         |                | Cresylic acid FF   | -                    | -         | n         | -   | - | -  | -   | - | -  |
| 1241      | 57        | He-482         | Crotonic acid; 2-chloroethyl ester   | n                    | n         | n         | -   | - | -  | -   | - | -  |
| 1242      | 57        | SM-154         | 3,4-dimethyl-7-hydroxyhydrindone ester   | n                    | n         | n         | -   | - | -  | -   | - | -  |
| 1243      | 57        | ER-121         | mandelonitrile ester   | 4                    | -         | n         | -   | - | -  | -   | - | -  |
| 1244      | 57        | SM-56          | silver salt  | 4                    | 14        | 14        | -   | - | -  | -   | - | -  |
| 1245      | 25        | 402, 027       | 3-benzoyl-4-( <u>o</u> -chlorophenyl)-2-( <u>p</u> -methoxyphenyl)-            | 13                   | n         | <u>5</u>  | -   | - | -  | -   | - | -  |
| 1246      | 25        | 105, 701       | 3-ethoxy-; ethyl ester   | n                    | n         | n         | -   | - | -  | -   | - | -  |
| 1247      | 57        | Lo-208         | Crotonyl anhydride, allyl xanthogen  | n                    | n         | n         | -   | - | -  | -   | - | -  |
| 1248      | 67        |                | Cryptopleurine   | 1                    | <u>1</u>  | n         | -   | - | -  | -   | - | -  |
| 1249      | 58        | O-4688         | Cumene, trichloro  | -                    | -         | n         | -   | - | -  | -   | - | -  |
| 1250      | 57        | O-2266         | Cyanamide, cyanomethyl(1,1,3,3-tetramethylbutyl)-                              | 4                    | 12        | n         | -   | - | -  | -   | - | -  |
| 1251      | 25        | 802, 317       | diallyl-   | n                    | n         | n         | -   | - | -  | -   | - | -  |
| 1252      | 54        |                | Cyanuric acid  | n                    | n         | n         | -   | - | -  | -   | - | -  |
| 1253      | 25        | 802, 316       | Cyanuric chloride  | 5                    | 13        | 13        | -   | - | -  | -   | - | -  |
| 1254      | 25        | 402, 392       | 1,2-Cyclobutanedicarboxylic acid, 1,2-di-bromo-;<br>diethyl ester              | 13                   | <u>13</u> | <u>13</u> | -   | - | -  | -   | - | -  |
| 1255      | 25        | 105, 252       | 2,4-Cyclohexadiene-1-carboxylic acid, 2,4-dihydroxy-6-<br>phenyl-; ethyl ester | n                    | n         | n         | -   | - | -  | -   | - | -  |
| 1256      | 25        | 000, 757       | Cyclohexane, 2-bromoethyl-   | n                    | -         | n         | -   | - | -  | -   | - | -  |
| 1257      | 25        | 001, 056       | 1,2-dibromo-   | n                    | -         | n         | -   | - | -  | -   | - | -  |
| 1258      | 57        | Q-95           | 1,2-dichloro-4-(1,2-dichloroethyl)-  | <u>1</u>             | <u>1</u>  | n         | -   | - | -  | -   | - | -  |
| 1259      | 46        | 7              | <u>cis-trans</u>   | 5                    | 5         | n         | -   | - | -  | -   | - | -  |
| 1260      | 57        | Q-96           | 1-( <i>a, <math>\beta</math></i> -dichloroethyl)-2,3,4-trichloro-              | <u>1</u>             | <u>2</u>  | n         | -   | - | -  | -   | - | -  |

|        |    |          |  |               |               |               |               |   |          |   |    |           |
|--------|----|----------|--|---------------|---------------|---------------|---------------|---|----------|---|----|-----------|
| 1261   | 46 | 17       | Cyclohexane, 1, 3-diphenoxy-2, 4, 5, 6-tetrachloro-                | $\frac{1}{2}$ | 3             | 3             | $\frac{1}{2}$ | 4 | <u>4</u> | 4 | 14 | n         |
| 1262   | 25 | 000, 288 | 1, 2, 3, 4, 5, 6-hexachloro-; $\alpha$ isomer                      | -             | -             | n             | -             | - | -        | - | -  | -         |
| 1263   | 54 |          |  |               |               |               |               |   |          |   |    |           |
|        | 25 | 000, 289 | $\beta$ isomer   | n             | n             | n             | -             | - | -        | - | -  | -         |
| 1264   | 25 | 000, 124 | $\gamma$ isomer ("Lindane")  | $\frac{1}{2}$ | $\frac{1}{2}$ | 4             | -             | - | -        | - | -  | -         |
|        | 39 |          | "ditto"  | $\frac{1}{2}$ | 1             | 2             | 1             | 1 | <u>3</u> | 6 | 6  | <u>15</u> |
| 1264 a | 42 |          | $\gamma$ isomer ("Lindane", 25% active)                            | 1             | 3             | 9             | -             | - | -        | - | -  | -         |
| 1264 b | 36 |          | $\gamma$ isomer ("Lindane", 99% $\gamma$ BHC)                      | $\frac{1}{2}$ | 1             | $\frac{1}{2}$ | -             | - | -        | - | -  | -         |
| 1265   | 42 |          | $\gamma$ isomer ("Lindane", 100%)                                  | 2             | 1             | 3             | -             | 5 | 5        | n | n  | n         |
| 1266   | 42 |          | $\gamma$ isomer ("Lindane", 90% water-dispersible)                 | $\frac{1}{2}$ | $\frac{1}{2}$ | 1             | 2             | 2 | <u>2</u> | n | n  | n         |
| 1267   | 54 |          | $\Delta$ isomer  | $\frac{1}{2}$ | $\frac{1}{2}$ | <u>2</u>      | -             | - | -        | - | -  | -         |
|        | 25 | 000, 290 | "ditto"  | <u>4</u>      | 4             | <u>4</u>      | -             | - | -        | - | -  | -         |
| 1268   | 57 | Q-222    | hexamethyl-  | n             | n             | n             | -             | - | -        | - | -  | -         |
| 1269   | 25 | 000, 821 | methyl-  | 13            | -             | n             | -             | - | -        | - | -  | -         |
| 1270   | 25 | 001, 146 | 1, 2, 4, 5-tetramethyl-  | n             | n             | n             | -             | - | -        | - | -  | -         |
| 1271   | 25 | 104, 116 | Cyclohexaneacetic acid   | n             | n             | n             | -             | - | -        | - | -  | -         |
| 1272   | 25 | 106, 630 | $\alpha$ -butyl-   | n             | n             | n             | -             | - | -        | - | -  | -         |
| 1273   | 25 | 100, 358 | Cyclohexanebutyric acid  | 14            | <u>14</u>     | 9             | -             | - | -        | - | -  | -         |
| 1274   | 25 | 100, 358 |  |               |               |               |               |   |          |   |    |           |
|        |    | -68      | nickel (II) salt   | n             | n             | n             | -             | - | -        | - | -  | -         |
| 1275   | 25 | 100, 375 |  |               |               |               |               |   |          |   |    |           |
|        |    | -68      | Cyclohexanecaproic acid; nickel (II) salt                          | n             | n             | n             | -             | - | -        | - | -  | -         |
| 1276   | 57 | He-468   | Cyclohexanecarboxylic acid, x-chloro-x-octyl-;                     |               |               |               |               |   |          |   |    |           |
|        |    |          | 2-chloroethyl ester  | n             | n             | n             | -             | - | -        | - | -  | -         |
| 1277   | 57 | He-480   | 2-thiocyanoethyl ester   | n             | n             | n             | -             | - | -        | - | -  | -         |
| 1278   | 25 | 100, 924 | 1-methyl-2-oxo-; ethyl ester                                       | n             | n             | n             | -             | - | -        | - | -  | -         |
| 1279   | 57 | SM-29    | 2-oxo-; $\beta$ -chloroethyl ester                                 | n             | n             | n             | -             | - | -        | - | -  | -         |
| 1280   | 25 | 105, 328 | 1, 4-Cyclohexanedicarboxylic acid; diethyl ester                   | n             | n             | n             | -             | - | -        | - | -  | -         |
| 1281   | 25 | 106, 458 | 2, 5-dioxo-; diethyl ester   | -             | -             | n             | -             | - | -        | - | -  | -         |
| 1282   | 46 | 306      | 1, 2-Cyclohexanedicarboxylic anhydride                             | n             | n             | n             | -             | - | -        | - | -  | -         |
| 1283   | 25 | 106, 596 | 1, 4-Cyclohexanediol   | n             | n             | n             | -             | - | -        | - | -  | -         |
| 1284   | 25 | 102, 784 | 1, 3-Cyclohexanedione, 5-phenyl-                                   | n             | n             | n             | -             | - | -        | - | -  | -         |
| 1285   | 25 | 800, 139 |  |               |               |               |               |   |          |   |    |           |
|        |    | -10      | Cyclohexanemethylamine, <u>N</u> -2-chloroethyl- <u>N</u> -ethyl-; |               |               |               |               |   |          |   |    |           |
|        |    |          | hydrochloride  | n             | n             | n             | -             | - | -        | - | -  | -         |
| 1286   | 63 | O-3664   | Cyclohexanesulfonamide   | -             | -             | n             | -             | - | -        | - | -  | -         |
| 1287   | 63 | O-3966   | <u>N,N</u> -dicyanoethyl-  | -             | -             | n             | -             | - | -        | - | -  | -         |
| 1288   | 25 | 103, 733 | Cyclohexanevaleric acid  | n             | n             | n             | -             | - | -        | - | -  | -         |
| 1289   | 25 | 106, 612 | Cyclohexanol, 2- <u>sec</u> -butyl-                                | n             | n             | n             | -             | - | -        | - | -  | -         |

| Rept. No. | Subm. No. | Subm. Code | Name of Chemical  | Concentration in ppm |               |    |     |   |               |     |   |    |
|-----------|-----------|------------|---|----------------------|---------------|----|-----|---|---------------|-----|---|----|
|           |           |            |   | 5.0                  |               |    | 1.0 |   |               | 0.1 |   |    |
|           |           |            |   | T                    | B             | SL | T   | B | SL            | T   | B | SL |
| 1290      | 25        | 105,311    | Cyclohexanol, 1-ethynyl-2-methyl-   | n                    | n             | n  | -   | - | -             | -   | - | -  |
| 1291      | 25        | 105,975    | <u>cis</u> -2-phenyl-   | n                    | n             | n  | -   | - | -             | -   | - | -  |
| 1292      | 25        | 105,977    | <u>cis</u> (and <u>trans</u> )-2-phenyl-  | n                    | n             | n  | -   | - | -             | -   | - | -  |
| 1293      | 49        |            | 2,2,6,6-tetramethylol-  | n                    | n             | n  | -   | - | -             | -   | - | -  |
| 1294      | 25        | 100,233    | Cyclohexanone   | n                    | n             | n  | -   | - | -             | -   | - | -  |
| 1295      | 46        | 304        | oxime   | n                    | n             | n  | -   | - | -             | -   | - | -  |
| 1296      | 49        |            | semicarbazone   | n                    | 13            | n  | -   | - | -             | -   | - | -  |
| 1297      | 57        | SM-168     | 2-acetyl-5-hydroxy-3-phenyl-5-styryl-   | -                    | -             | n  | -   | - | -             | -   | - | -  |
| 1298      | 46        | 333        | 2,6-bis(p-chlorobenzylidene)-   | n                    | n             | n  | -   | - | -             | -   | - | -  |
| 1299      | 46        | 336        | 2,6-bis-furfurylidene-  | 12                   | n             | n  | -   | - | -             | -   | - | -  |
| 1300      | 25        | 107,567    |   |                      |               |    |     |   |               |     |   |    |
|           | 46        | 334        | 2,6-bis(p-methoxybenzylidene)-  | n                    | n             | n  | -   | - | -             | -   | - | -  |
| 1301      | 46        | 335        | 2,6-bis(3,4-methylenedioxybenzylidene)-   | n                    | n             | n  | -   | - | -             | -   | - | -  |
| 1302      | 25        | 102,577    | 4- <u>tert</u> -butyl-  | -                    | -             | n  | -   | - | -             | -   | - | -  |
| 1303      | 57        | SM-165     | 2-carbethoxy-5-hydroxy-3-phenyl-5-styryl-   | n                    | n             | n  | -   | - | -             | -   | - | -  |
| 1304      | 57        | Q-114      | 2-chloro-4-chloroacetyl-  | n                    | n             | n  | -   | - | -             | -   | - | -  |
| 1305      | 46        | 327        | 2,6-dibenzylidene-  | n                    | n             | n  | -   | - | -             | -   | - | -  |
| 1306      | 57        | SM-300     | dipiperonal-  | n                    | n             | n  | -   | - | -             | -   | - | -  |
| 1307      | 57        | SM-186     | divanillylidene-  | n                    | n             | n  | -   | - | -             | -   | - | -  |
| 1308      | 57        | Q-61       | 5-(1'-hydroxy-2',2',2'-trichloroethyl)-2,3,3-trimethyl-                           | n                    | n             | n  | -   | - | -             | -   | - | -  |
| 1309      | 49        |            | 2,2,6,6-tetramethylol-  | n                    | n             | n  | -   | - | -             | -   | - | -  |
| 1310      | 25        | 000,086    | Cyclohexene   | n                    | -             | n  | -   | - | -             | -   | - | -  |
| 1311      | 25        | 104,245    | 4,5-dibenzoyl-  | 8                    | 12            | n  | -   | - | -             | -   | - | -  |
| 1312      | 25        | 000,662    | 1-phenyl-   | -                    | -             | n  | -   | - | -             | -   | - | -  |
| 1313      | 57        | Q-52       | 4-Cyclohexene, 1,2-bis(chloromethyl)-3,6-endomethylene-<br>3,4,5,6,7,7-hexahydro- | $\frac{1}{2}$        | $\frac{1}{2}$ | 1  | 1   | 1 | $\frac{1}{2}$ | n   | n | n  |
| 1314      | 46        | 8          | 1-Cyclohexene, 4-(1,3,3,3-tetrachloropropyl)-                                     | 1                    | 13            | n  | -   | - | -             | -   | - | -  |
| 1315      | 25        | 106,609    | 4-Cyclohexene-1,2-dicarboxylic anhydride, 4,5-dimethyl-                           | n                    | n             | n  | -   | - | -             | -   | - | -  |
| 1316      | 25        | 106,634    | 3-phenyl-   | n                    | n             | n  | -   | - | -             | -   | - | -  |
| 1317      | 57        | Q-66       | 5-Cyclohexene-1,3-dione, 2,2,4,4,6-pentachloro                                    | 14                   | n             | n  | -   | - | -             | -   | - | -  |
| 1318      | 58        | O-2818     |   |                      |               |    |     |   |               |     |   |    |
|           |           | -e         | Cyclohexenone, piperonyl-   | n                    | n             | n  | -   | - | -             | -   | - | -  |
| 1319      | 57        | SM-86B     | 2-Cyclohexen-1-one, 4-carbethoxy-3-methyl-5-propenyl-                             | n                    | n             | n  | -   | - | -             | -   | - | -  |
| 1320      | 57        | SM-99      | 4-carbethoxy-3-methyl-5-propyl-   | n                    | n             | n  | -   | - | -             | -   | - | -  |
| 1321      | 57        | SM-166     | 6-carbethoxy-5-phenyl-3-styryl-   | n                    | n             | n  | -   | - | -             | -   | - | -  |
| 1322      | 57        | SM-155     | 4,6-dicarbethoxy-3-methyl-5-phenyl-   | -                    | -             | n  | -   | - | -             | -   | - | -  |

|      |    |                |  |               |               |          |   |               |               |   |   |   |
|------|----|----------------|--|---------------|---------------|----------|---|---------------|---------------|---|---|---|
| 1323 | 57 | SM-149         | 2-Cyclohexen-1-one, 3-methyl-5-phenyl-   | n             | n             | n        | - | -             | -             | - | - | - |
| 1324 | 57 | SM-101         | 3-methyl-5-propyl-   | n             | n             | n        | - | -             | -             | - | - | - |
| 1325 | 57 | Lo-44          | 3,5,5-trimethyl-; semicarbazone  | n             | n             | n        | - | -             | -             | - | - | - |
| 1326 | 25 | 800,125<br>-A1 | Cyclohexylamine; complex with $\frac{1}{2}$ f. wt. fluosilicic acid                          | n             | -             | n        | - | -             | -             | - | - | - |
| 1327 | 57 | Cr-725         | <u>N</u> -2-methylallyl-   | n             | n             | n        | - | -             | -             | - | - | - |
| 1328 | 57 | Cr-844         | <u>N</u> -2-[2-(2-[ <u>O</u> -1-methylheptylphenoxy]ethoxy)ethoxy]ethyl-                     | 1             | 9             | 13       | - | -             | -             | - | - | - |
| 1329 | 58 | O-5775         | <u>N</u> -phenyl-  | -             | -             | n        | - | -             | -             | - | - | - |
| 1330 | 57 | SM-181         | Cyclopentadiene; (product with methacrolein dimer)   | n             | n             | n        | - | -             | -             | - | - | - |
| 1331 | 44 | 52-X-44        | dimer; mixed with the dimer of methylcyclopentadiene as well as codimers of the two.         | -             | -             | n        | - | -             | -             | - | - | - |
| 1332 | 44 | 51-P-162       | hexachloro-  | $\frac{1}{4}$ | $\frac{1}{4}$ | 11       | - | -             | -             | - | - | - |
|      | 54 |                | "ditto"  | $\frac{3}{2}$ | $\frac{3}{2}$ | 1        | 1 | $\frac{1}{2}$ | $\frac{1}{2}$ | n | n | n |
| 1333 | 25 | 001,290        | 1,2,3,4,5-pentachloro-5-(trichloromethyl)-   | 3             | 5             | 13       | - | -             | -             | - | - | - |
| 1334 | 57 | Q-92           | Cyclopentadienone, 2,3,4,5-tetrachloro-; dimethyl acetal                                     | 3             | 13            | <u>4</u> | - | -             | -             | - | - | - |
| 1335 | 25 | 104,905        | Cyclopentanecarboxylic acid, 2-oxo-; butyl ester   | n             | n             | n        | - | -             | -             | - | - | - |
| 1336 | 57 | SM-18          | 1,3-Cyclopentanedicarboxylic acid, 4,5-dioxo-; mixed ester (diethyl and ethyl methyl esters) | n             | n             | n        | - | -             | -             | - | - | - |
| 1337 | 25 | 105,348        | 1,2,4-Cyclopentanetrione, 3-benzylidene-5-phenethyl-   | n             | n             | n        | - | -             | -             | - | - | - |
| 1338 | 25 | 507,185        | Cyclopentanone; oxime  | n             | n             | n        | - | -             | -             | - | - | - |
| 1339 | 44 | 50-P-334       | Cyclopentene, octachloro-  | -             | -             | n        | - | -             | -             | - | - | - |
| 1340 | 57 | Lo-681         | Cyclopentene-3,5-dione, 4-isovaleryl-  | n             | n             | n        | - | -             | -             | - | - | - |
| 1341 | 63 | O-2142         |  |               |               |          |   |               |               |   |   |   |
|      |    | -F             | <u>p</u> -Cymenesulfonic acid; sodium salt   | -             | -             | n        | - | -             | -             | - | - | - |
| 1342 | 46 | 277            | Cysteine; hydrochloride  | -             | -             | n        | - | -             | -             | - | - | - |

| Rept. No. | Subm. Code No. | Name of Chemical  | Concentration in ppm |           |          |     |   |    |     |   |    |
|-----------|----------------|---|----------------------|-----------|----------|-----|---|----|-----|---|----|
|           |                |   | 5.0                  |           |          | 1.0 |   |    | 0.1 |   |    |
|           |                |   | T                    | B         | SL       | T   | B | SL | T   | B | SL |
| 1343      | 8              | D-40; (Detergent)   | n                    | n         | n        | -   | - | -  | -   | - | -  |
| 1344      | 25             | 000,071<br>Decane, 1,10-dibromo-  | n                    | -         | n        | -   | - | -  | -   | - | -  |
| 1345      | 57             | Cr-41<br>Decanedioic acid, 2,8-dibromo-   | -                    | -         | n        | -   | - | -  | -   | - | -  |
| 1346      | 57             | Cr-84<br>2,8-dithiocyano-; iron (III) salt  | -                    | -         | n        | -   | - | -  | -   | - | -  |
| 1347      | 57             | Cr-85<br>zinc salt  | -                    | -         | n        | -   | - | -  | -   | - | -  |
| 1348      | 11             | <u>n</u> -Decanenitrile ("Arneel 10")   | -                    | -         | n        | -   | - | -  | -   | - | -  |
| 1349      | 57             | Cr-580<br>Decanoic acid; 2-(2-chloroethoxy) ethyl ester   | n                    | n         | n        | -   | - | -  | -   | - | -  |
| 1350      | 57             | He-476<br>2-chloroethyl ester   | n                    | n         | n        | -   | - | -  | -   | - | -  |
| 1351      | 25             | 100,799<br>-68<br>nickel (II) salt  | n                    | n         | n        | -   | - | -  | -   | - | -  |
| 1352      | 57             | Cr-597<br>2-[2-(2-thiocyanoethoxy) ethoxy]ethyl ester   | 4                    | <u>3</u>  | <u>3</u> | -   | - | -  | -   | - | -  |
| 1353      | 57             | Cr-584<br>2-(2-thiocyanoethoxy) ethyl ester   | 4                    | 14        | n        | -   | - | -  | -   | - | -  |
| 1354      | 57             | Cr-572<br>2-thiocyanoethyl ester  | 11                   | n         | n        | -   | - | -  | -   | - | -  |
|           | 57             | He-484<br>"ditto"   | 8                    | n         | n        | -   | - | -  | -   | - | -  |
| 1355      | 57             | Cr-582<br>crude, from the oxidation of paraffins;<br>2-(2-chloroethoxy) ethyl ester (German acid)     | n                    | n         | n        | -   | - | -  | -   | - | -  |
| 1356      | 57             | Cr-588<br>2-(2-thiocyanoethoxy) ethyl ester (German acid)   | 12                   | 12        | n        | -   | - | -  | -   | - | -  |
| 1357      | 57             | Cr-577<br>2-thiocyanoethyl ester (German acid - distilled<br>fraction)                                | 11                   | <u>11</u> | n        | -   | - | -  | -   | - | -  |
| 1358      | 57             | Cr-574<br>2-thiocyanoethyl ester (German acid)  | n                    | n         | n        | -   | - | -  | -   | - | -  |
| 1359      | 57             | ER-1<br>2-hydroxy-; sodium salt   | n                    | n         | n        | -   | - | -  | -   | - | -  |
| 1360      | 57             | Cr-614<br>Decanoyl chloride   | n                    | n         | n        | -   | - | -  | -   | - | -  |
| 1361      | 11             | <u>n</u> -Decylamine ("Armeen 10")  | 2                    | 5         | 14       | -   | - | -  | -   | - | -  |
| 1362      | 25             | 000,098<br>Decyl sulfide  | n                    | n         | n        | -   | - | -  | -   | - | -  |
| 1363      | 57             | Q-312<br>5-Decyne, 4,7-dimethylamino-   | n                    | n         | n        | -   | - | -  | -   | - | -  |
| 1364      | 46             | 102<br>Dehydroacetic acid   | n                    | n         | n        | -   | - | -  | -   | - | -  |
| 1365      | 25             | Y00,058<br>Desintan   | n                    | n         | n        | -   | - | -  | -   | - | -  |
| 1366      | 57             | Lo-372<br>Diamidophosphoric acid, <u>N,N,N',N'</u> -tetramethyl-; butyl ester                         | n                    | n         | n        | -   | - | -  | -   | - | -  |
| 1367      | 59             | CP-1049<br>-(2)<br>diethoxythiophosphoryl ester   | n                    | n         | n        | -   | - | -  | -   | - | -  |
| 1368      | 59             | CP-3995<br><u>sym</u> -Diamidopyrophosphoric acid, <u>N,N,N',N'</u> -tetramethyl-;<br>ethyl ester     | n                    | n         | n        | -   | - | -  | -   | - | -  |
| 1369      | 59             | CP-3897<br><u>unsym</u> -Diamidopyrophosphoric acid, <u>N,N,N',N'</u> -tetramethyl-;<br>diethyl ester | n                    | n         | n        | -   | - | -  | -   | - | -  |
| 1370      | 26             | EC 1141<br>Diamylamine  | n                    | n         | n        | -   | - | -  | -   | - | -  |
| 1371      | 4              | Diazinon  | 3                    | 2         | 12       | -   | - | -  | -   | - | -  |

|      |    |         |   |    |    |           |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|------|----|---------|---|----|----|-----------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1372 | 63 | O-2232  |   |    |    |           |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|      |    | -D      | Dibenzenesulfonamide, <u>N</u> -isopropyl-  | n  | n  | n         | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 1373 | 56 | NP-1076 | Dibenzo- <u>p</u> -dioxin, octachloro-  | n  | n  | n         | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 1374 | 25 | 100,270 | Dibenzofuran  | 12 | 12 | <u>3</u>  | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 1375 | 57 | Cr-348  | 2-nitro-  | -  | -  | n         | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 1376 | 57 | Cr-220  | 3-nitro-  | n  | n  | n         | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 1377 | 25 | 000,654 | Dibenzothiophene  | -  | -  | n         | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 1378 | 57 | Cr-168  | 2,3,5,6-Dibenzo-1,4-thioxane  | n  | n  | n         | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 1379 | 57 | FW-147  | Dibenzylamine, 5,5'-bis(1,1,3,3-tetramethylbutyl)- <u>N</u> -cyclohexyl-3,3'-dimethyl-2,2'-hydroxy- | n  | -  | n         | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 1380 | 25 | 800,156 |   |    |    |           |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|      |    | -10     | <u>N</u> -2-chloroethyl-; hydrochloride   | 5  | n  | n         | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 1381 | 57 | FW-148  | 2,2'-dihydroxy-3,3'-dimethyl- <u>N</u> ,5,5'-tris(1,1,3,3-tetramethylbutyl)-                        | n  | -  | n         | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 1382 | 57 | Cr-471  | <u>N</u> -hexyl-  | n  | n  | n         | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 1383 | 57 | Cr-319  | <u>N</u> - <u>p</u> -tolyl-; hydrochloride  | n  | n  | n         | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 1384 | 25 | 800,132 |   |    |    |           |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|      |    | -A1     | Dibutylamine; complex with $\frac{1}{2}$ f. wt. fluosilicic acid fluorophosphate                    | n  | n  | n         | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 1385 | 9  |         |   | n  | n  | n         | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 1386 | 25 | 904,149 | Dichloroamine B   | 1  | 13 | n         | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 1387 | 25 | 800,065 | Dicyclohexylamine   | n  | n  | n         | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 1388 | 57 | V-280   | nickel (II) chloride complex  | n  | n  | n         | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 1389 | 57 | Q-13    | Dicyclopentadiene; addition of chlorine to, in HAC  | 3  | n  | n         | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 1390 | 57 | Q-11    | Dicyclopentadiene trichloride; chlorination of  | n  | n  | n         | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 1391 | 57 | Q-1     | Dicyclopentenyl trichloride; chlorination of  | n  | n  | n         | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 1392 | 46 | 90      | Dieldrin  | 3  | 7  | <u>8</u>  | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 1393 | 57 | SM-559  | Diethylamine, 2,2'-bis(nonylamino)-   | 4  | 13 | <u>13</u> | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 1394 | 54 |         | Diethylene glycol; bis(allyl carbonate)   | 13 | 13 | n         | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 1395 | 54 |         | bis(butoxyethyl carbonate)  | n  | n  | n         | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 1396 | 49 |         | bis(2- <u>n</u> -butoxyethyl carbonate)   | n  | n  | n         | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 1397 | 49 |         | bis( <u>n</u> -butyl carbonate)   | n  | n  | n         | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 1398 | 54 |         | bis(chloroformate)  | n  | n  | n         | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 1399 | 54 |         | bis(2,3-dichloropropyl carbonate)   | n  | n  | n         | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 1400 | 54 |         | bis(phenyl carbonate)   | n  | n  | n         | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 1401 | 63 | C-2826  |   |    |    |           |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|      |    | -D      | dibenzenesulfonate  | n  | n  | n         | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 1402 | 54 |         | dicarbamate   | n  | n  | n         | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 1403 | 58 | O-4256  | isobornyl butyl ether   | n  | n  | n         | - | - | - | - | - | - | - | - | - | - | - | - | - | - |

| Rept. No. | Subm. No. | Subm. Code No. | Name of Chemical   | Concentration in ppm |    |           |     |    |          |     |   |    |
|-----------|-----------|----------------|--|----------------------|----|-----------|-----|----|----------|-----|---|----|
|           |           |                |  | 5.0                  |    |           | 1.0 |    |          | 0.1 |   |    |
|           |           |                |  | T                    | B  | SL        | T   | B  | SL       | T   | B | SL |
| 1404      | 63        | O-3433         | Diglycolic acid  | -                    | -  | n         | -   | -  | -        | -   | - | -  |
| 1405      | 25        | 107, 783       | bis(1-methylheptyl) ester  | n                    | n  | n         | -   | -  | -        | -   | - | -  |
| 1406      | 57        | SM-91          | diallyl ester  | n                    | n  | n         | -   | -  | -        | -   | - | -  |
| 1407      | 25        | 107, 779       | diester with butyl lactate   | n                    | n  | n         | -   | -  | -        | -   | - | -  |
| 1408      | 25        | 107, 775       | monobutyl ester, ester with butyl lactate                                    | n                    | n  | n         | -   | -  | -        | -   | - | -  |
| 1409      | 57        | V-50           | Dihexylamine, <u>N</u> -(2-cyanoethyl)-2,2'-diethyl-                         | n                    | n  | n         | -   | -  | -        | -   | - | -  |
| 1410      | 9         |                | 2,2'-diethyl-; hexafluorophosphate   | 5                    | 5  | 13        | -   | -  | -        | -   | - | -  |
| 1411      | 57        | Lo-46          | Dimethylamine; picrate   | n                    | n  | n         | -   | -  | -        | -   | - | -  |
| 1412      | 57        | FW-151         | <u>N</u> -2-[4,4'-dichlorobenzhydryloxy]ethyl-                               | n                    | -  | n         | -   | -  | -        | -   | - | -  |
| 1413      | 57        | O-1557         | Dinonylamine, <u>N</u> -methyl-  | 3                    | 12 | <u>4</u>  | -   | -  | -        | -   | - | -  |
| 1414      | 25        | 800, 078       | Diocetylamine  | $\frac{1}{2}$        | 1  | <u>4</u>  | 1   | 2  | <u>2</u> | n   | n | n  |
| 1415      | 19        |                | <u>N</u> -benzyl-  | n                    | -  | n         | -   | -  | -        | -   | - | -  |
| 1416      | 57        | WC-30          | <u>m</u> -Dioxane, 2-camphenyl-5-nitro-5-methyl-                             | n                    | n  | n         | -   | -  | -        | -   | - | -  |
| 1417      | 57        | Cr-252         | <u>p</u> -Dioxane, 2,3-bis( <u>p</u> -chlorophenoxy)-                        | n                    | n  | n         | -   | -  | -        | -   | - | -  |
| 1418      | 57        | Cr-361         | 2,3-bis( <u>m</u> -nitrophenoxy)-  | n                    | n  | n         | -   | -  | -        | -   | - | -  |
| 1419      | 57        | Cr-74          | 1,3-Dioxo-6-thiacyclooctane, 2-isopropyl-                                    | 12                   | n  | n         | -   | -  | -        | -   | - | -  |
| 1420      | 57        | Cr-72          | 2-methyl-  | n                    | n  | n         | -   | -  | -        | -   | - | -  |
| 1421      | 57        | Cr-73          | 2- <u>n</u> -propyl-   | n                    | n  | n         | -   | -  | -        | -   | - | -  |
| 1422      | 57        | H-120          | 1,3-Dioxolane, 2-phenyl-   | n                    | n  | n         | -   | -  | -        | -   | - | -  |
| 1423      | 25        | Y00, 072       | Diphenylamine, arylalkyl- and octyl-   | n                    | n  | n         | -   | -  | -        | -   | - | -  |
| 1424      | 49        |                | 4,4'-diamino-  | 14                   | 14 | <u>14</u> | -   | -  | -        | -   | - | -  |
| 1425      | 25        | 803, 834       | 4,4'-diphenyl-   | n                    | n  | n         | -   | -  | -        | -   | - | -  |
| 1426      | 46        | 224            | 2,2',4,4',6,6'-hexanitro-  | 1                    | 2  | 4         | 2   | 4  | 15       | n   | n | n  |
| 1427      | 31        | 1126           | Dipropional  | n                    | -  | n         | -   | -  | -        | -   | - | -  |
| 1428      | 57        | SM-583         | Dipropylamine, 3,3'-bis(laurylamino)-  | 4                    | 14 | 14        | -   | -  | -        | -   | - | -  |
| 1429      | 57        | Cr-1099        | Disulfide, bis(anilinomethylsulfonyl); from<br>$C_6H_5NHCH_2OSONa + S_2Cl_2$ | n                    | n  | n         | -   | -  | -        | -   | - | -  |
| 1430      | 57        | Cr-1130        | bis(2-benzyloxy-5-cyclohexylphenyl)  | n                    | n  | n         | -   | -  | -        | -   | - | -  |
| 1431      | 57        | Cr-359         | bis[4- <u>tert</u> -butyl-2-( <u>o</u> , <u>p</u> -dinitrophenoxy)phenyl]    | n                    | n  | n         | -   | -  | -        | -   | - | -  |
| 1432      | 57        | Cr-48          | bis(2-carboxyphenyl)   | n                    | n  | n         | -   | -  | -        | -   | - | -  |
| 1433      | 57        | Cr-52          | cadmium salt   | n                    | n  | n         | -   | -  | -        | -   | - | -  |
| 1434      | 57        | WC-4A          | bis(3-chloro-4-hydroxyphenyl); mixture with its sulfide                      | 1                    | 1  | 14        | -   | -  | -        | -   | - | -  |
| 1435      | 57        | Cr-173         | bis(4-chloro-2-nitrophenyl)  | n                    | n  | n         | -   | -  | -        | -   | - | -  |
| 1436      | 59        | CP-3438        | (-8) bis(3,5-dichloro-2-hydroxyphenyl)                                       | 1                    | 2  | 3         | 3   | 13 | 13       | n   | n | n  |

|      |    |          |   |    |    |           |   |   |   |   |   |   |
|------|----|----------|---|----|----|-----------|---|---|---|---|---|---|
| 1437 | 57 | SM-310   | Disulfide, bis-3,4-dichlorophenyl   | -  | -  | n         | - | - | - | - | - | - |
| 1438 | 32 | VIII     | bis(dimethylthiocarbamyl); mercury complex  | 4  | 4  | 13        | - | - | - | - | - | - |
| 1439 | 57 | Cr-196   | bis(2,4-dinitrophenyl)  | n  | n  | n         | - | - | - | - | - | - |
| 1440 | 57 | Cr-363   | bis(4-hydroxy-3-phenylphenyl)   | n  | n  | n         | - | - | - | - | - | - |
| 1441 | 57 | Cr-206   | bis(o-nitrophenyl)  | n  | n  | n         | - | - | - | - | - | - |
| 1442 | 57 | Cr-171   | bis(p-nitrophenyl)  | n  | n  | n         | - | - | - | - | - | - |
| 1443 | 56 | NP-1288  | bis(pentachlorophenyl)  | n  | n  | n         | - | - | - | - | - | - |
| 1444 | 57 | Lo-7     | bis(thiocarbethoxy)   | n  | n  | n         | - | - | - | - | - | - |
| 1445 | 58 | O-2911   |   |    |    |           |   |   |   |   |   |   |
|      |    | -C       | diphenyl  | 6  | n  | n         | - | - | - | - | - | - |
| 1446 | 57 | Cr-1837  | Disulfoxide, bis(3,4-dichlorophenyl)- or Benzene sulfonic acid, 3,4-dichloro-; 3,4-dichlorobenzenethiol ester | n  | n  | n         | - | - | - | - | - | - |
| 1447 | 57 | He-483   | Docosanoic acid; 2-chloroethyl ester  | n  | n  | n         | - | - | - | - | - | - |
| 1448 | 57 | Cr-589   | 2-(2-chloroethoxy) ethyl ester  | n  | n  | n         | - | - | - | - | - | - |
| 1449 | 25 | 105, 936 |   |    |    |           |   |   |   |   |   |   |
|      |    | -65      | sodium salt   | n  | n  | n         | - | - | - | - | - | - |
| 1450 | 63 | O-4796   | <u>t</u> -Dodecanethiol; with 8 moles of ethylene oxide, condensation product                                 | -  | -  | n         | - | - | - | - | - | - |
| 1451 | 63 | O-4862   | with 35 moles of ethylene oxide, condensation product   | -  | -  | n         | - | - | - | - | - | - |
| 1452 | 57 | He-490   | Dodecanoic acid, x,x-dihydroxy-; 2-thiocyanoethyl ester   | n  | n  | n         | - | - | - | - | - | - |
| 1453 | 57 | V-297    | Dodecylamine, x-methyl-N-benzyl-N-(1,1,3,3-tetramethyl butyl)-; (from propylene tetramer)                     | n  | n  | n         | - | - | - | - | - | - |
| 1454 | 11 |          | <u>n</u> -Dodecylamine ("Armeen 12")  | 2  | 2  | 13        | - | - | - | - | - | - |
| 1455 | 57 | O-1968   | <u>t</u> -Dodecylamine, monocyanomethyl-  | 3  | 14 | <u>2</u>  | - | - | - | - | - | - |
| 1456 | 57 | SM-516   | 2-Dodecyne, 1-dimethylamino-4-hydroxy-  | 4  | 8  | <u>12</u> | - | - | - | - | - | - |
| 1457 | 28 |          | Dowklor 50% Wettable ("Chlordane", 50%)   | 2  | 10 | n         | - | - | - | - | - | - |
| 1458 | 1  |          | Dresinate X   | -  | -  | <u>14</u> | - | - | - | - | - | - |
| 1459 | 25 | 001,134  | Durene, a <sup>1</sup> ,a <sup>5</sup> -dichloro-   | 13 | 13 | <u>13</u> | - | - | - | - | - | - |



| Rept. No. | Subm. No. | Subm. Code No. | Name of Chemical   | Concentration in ppm |           |           |     |   |    |     |   |    |
|-----------|-----------|----------------|--|----------------------|-----------|-----------|-----|---|----|-----|---|----|
|           |           |                |  | 5.0                  |           |           | 1.0 |   |    | 0.1 |   |    |
|           |           |                |  | T                    | B         | SL        | T   | B | SL | T   | B | SL |
| 1460      | 36        |                | "E" Cake   | 5                    | 5         | <u>5</u>  | -   | - | -  | -   | - | -  |
| 1461      | 25        | 400, 995       | Enanthic acid; ester with 2-chloroallyl lactate              | n                    | n         | n         | -   | - | -  | -   | - | -  |
| 1462      | 44        | 269            | Endrin (18½% emul. conc.)                                    | 4                    | 5         | 14        | -   | - | -  | -   | - | -  |
| 1463      | 58        | O-3546         | Epibromohydrin   | n                    | n         | n         | -   | - | -  | -   | - | -  |
| 1464      | 46        | 100            | EPN (100%)   | 1                    | 12        | 12        | -   | - | -  | -   | - | -  |
| 1465      | 54        |                | Erythrol   | n                    | n         | n         | -   | - | -  | -   | - | -  |
| 1466      | 25        | 103, 714       | Esculetin, 4-methyl-   | n                    | n         | n         | -   | - | -  | -   | - | -  |
| 1467      | 57        | Cr-134         | Ethane, 1-amino-2-bisulfate-                                 | n                    | n         | n         | -   | - | -  | -   | - | -  |
| 1468      | 57        | Cr-393         | 1-benzyl-2-(2,4-dinitrophenoxy)-                             | 9                    | <u>1</u>  | <u>1</u>  | -   | - | -  | -   | - | -  |
| 1469      | 57        | ER-113         | 1-benzyloxy-2-(2,2-bis-p-chlorophenyl) vinyloxy-             | n                    | -         | n         | -   | - | -  | -   | - | -  |
| 1470      | 57        | Cr-991         | 1-benzyloxy-2-(2-chloroethoxy)-                              | n                    | n         | n         | -   | - | -  | -   | - | -  |
| 1471      | 57        | Cr-1008        | 1-(2-benzyloxyethoxy)-2-butoxy-                              | n                    | n         | n         | -   | - | -  | -   | - | -  |
| 1472      | 57        | Cr-403         | 1-(2-biphenyloxy)-2-(2,4-dinitrophenoxy)-                    | n                    | n         | n         | -   | - | -  | -   | - | -  |
| 1473      | 57        | Cr-398         | 1-(2-biphenyloxy)-2-phenoxy-                                 | n                    | n         | n         | -   | - | -  | -   | - | -  |
| 1474      | 57        | Q-196          | 1,1-bis(p-anilino)-2,2-dichloro-                             | n                    | n         | n         | -   | - | -  | -   | - | -  |
| 1475      | 57        | Q-43           | 1,1-bis(p-anisyl)-2,2-dichloro-                              | n                    | n         | n         | -   | - | -  | -   | - | -  |
| 1476      | 57        | Q-55           | 1,1-bis(x-anisyl)-2,2,2-trichloro-                           | 3                    | 13        | n         | -   | - | -  | -   | - | -  |
| 1477      | 57        | Q-186          | 1,1-bis(4-biphenyl)-2,2-dichloro-                            | n                    | n         | n         | -   | - | -  | -   | - | -  |
| 1478      | 57        | Cr-877         | 1,2-bis(2-biphenyloxy)-                                      | n                    | -         | n         | -   | - | -  | -   | - | -  |
|           | 46        | 48             | "ditto"  | <u>1</u>             | 10        | <u>4</u>  | -   | - | -  | -   | - | -  |
| 1479      | 57        | ER-40          | 1,2-bis(2,2-bis-p-chlorophenylvinyloxy)-                     | n                    | -         | n         | -   | - | -  | -   | - | -  |
| 1480      | 32        | VII            | 1,1-bis(p-bromophenyl)-2,2,2-trichloro-                      | -                    | -         | n         | -   | - | -  | -   | - | -  |
| 1481      | 57        | Q-187          | 1,1-bis(p-tert-butylphenyl)-2,2-dichloro-                    | n                    | n         | n         | -   | - | -  | -   | - | -  |
| 1482      | 56        | NP-1203        | 1,1-bis(m-carboxy-p-hydroxyphenyl)-2,2,2-trichloro-          | n                    | n         | n         | -   | - | -  | -   | - | -  |
| 1483      | 32        | IV             | 1,1-bis(4-chloro-x,x-dinitrophenyl)-2,2,2-trichloro-         | n                    | n         | n         | -   | - | -  | -   | - | -  |
| 1484      | 57        | Q-9            | 1,1-bis[p-(2-[2-chloroethoxy]ethoxyphenyl)]-2,2,2-trichloro- | n                    | n         | n         | -   | - | -  | -   | - | -  |
| 1485      | 57        | Q-10           | 1,1-bis[p-(2-chloroethoxy)phenyl]-2,2,2-trichloro-           | 12                   | <u>23</u> | n         | -   | - | -  | -   | - | -  |
| 1486      | 57        | Q-151          | 1,1-bis[p-(a-chloroethyl)phenyl]-2,2-dichloro-               | 13                   | 13        | n         | -   | - | -  | -   | - | -  |
| 1487      | 57        | Q-145          | 1,1-bis[p-(1-chloroethyl)phenyl]-2,2,2-trichloro-            | n                    | n         | n         | -   | - | -  | -   | - | -  |
| 1488      | 57        | Q-188          | 1,1-bis(3'-chloro-4'-hydroxyphenyl)-2,2-dichloro-            | 12                   | n         | 12        | -   | - | -  | -   | - | -  |
| 1489      | 57        | Cr-947         | 1,2-bis(p-chlorophenoxy)-                                    | n                    | n         | n         | -   | - | -  | -   | - | -  |
| 1490      | 57        | Cr-831         | 1,2-bis[2-(p-chlorophenoxy)ethoxy]-                          | 4                    | n         | <u>14</u> | -   | - | -  | -   | - | -  |
| 1491      | 57        | FW-89          | 1,1-bis(x-chlorophenyl)-                                     | n                    | n         | n         | -   | - | -  | -   | - | -  |
| 1492      | 57        | Q-46           | 1,1-bis(p-chlorophenyl)-2-chloro-                            | n                    | n         | n         | -   | - | -  | -   | - | -  |
| 1493      | 57        | Q-54A          | 1,1-bis(chloro or methoxyphenyl)-2,2-dichloro-               | 13                   | 13        | n         | -   | - | -  | -   | - | -  |

|      |    |          |  |               |               |           |   |   |    |   |   |   |
|------|----|----------|--|---------------|---------------|-----------|---|---|----|---|---|---|
| 1494 | 32 | I        | Ethane, 1,1-bis(p-chlorophenyl)-2,2-dichloro-                            | -             | -             | n         | - | - | -  | - | - | - |
| 1495 | 32 | II       | 1,1-bis(p-chlorophenyl)-1,2,2,2-tetrachloro-                             | n             | n             | n         | - | - | -  | - | - | - |
| 1496 | 57 | ER-116   | 1-(2,2-bis-p-chlorophenyl)vinyl-2-ethoxy-                                | n             | -             | n         | - | - | -  | - | - | - |
| 1497 | 57 | ER-124   | 1-(2,2-bis-p-chlorophenyl)vinyl-2-vinyl-2-ethoxy-                        | n             | -             | n         | - | - | -  | - | - | - |
| 1498 | 57 | ER-77    | 1-[2-(2,2-bis-p-chlorophenyl)vinyl]ethoxy-2-butoxy-                      | n             | n             | n         | - | - | -  | - | - | - |
| 1499 | 57 | Q-179    | 1,1-bis(m-chloro-o-tolyl)-2,2-dichloro-                                  | n             | n             | n         | - | - | -  | - | - | - |
| 1500 | 57 | Cr-934   | 1,2-bis(o-cyclohexylphenoxy)-  | n             | n             | n         | - | - | -  | - | - | - |
| 1501 | 57 | Cr-958   | 1,2-bis(2,4-dibromophenoxy)-   | n             | n             | n         | - | - | -  | - | - | - |
| 1502 | 57 | Q-244    | bis(3,3'-dichloro-4,4'-dihydroxy-diphenyl)dichloro-; monodioxane complex | 6             | <u>4</u>      | 14        | - | - | -  | - | - | - |
| 1503 | 57 | Q-130    | 1,1-bis[p-(1,1-dichloroethyl)phenyl]-2,2,2-trichloro-                    | n             | n             | n         | - | - | -  | - | - | - |
| 1504 | 57 | Q-193    | 1,1-bis(3,4-dimethylphenyl)-2,2-dichloro-                                | n             | n             | n         | - | - | -  | - | - | - |
| 1505 | 56 | NP-1386  | 1,1-bis(3,4-dimethylphenyl)-2,2,2-trichloro-                             | n             | n             | n         | - | - | -  | - | - | - |
| 1506 | 57 | SM-380   | bis(t-dodecylmercaptomethyl)-  | -             | -             | n         | - | - | -  | - | - | - |
| 1507 | 57 | Q-137    | 1,1-bis(p-ethylphenyl)-2,2-dichloro-                                     | 14            | 14            | <u>8</u>  | - | - | -  | - | - | - |
| 1508 | 57 | Q-163    | 1,1-bis(p-fluorophenyl)-2,2-dichloro-                                    | n             | n             | n         | - | - | -  | - | - | - |
| 1509 | 46 | 55       | 1,1-bis(p-fluorophenyl)-2,2,2-trichloro-                                 | 2             | 7             | <u>1</u>  | - | - | -  | - | - | - |
| 1510 | 46 | 4        | 1,1-bis(2-hydroxy-5-chlorophenyl)-2,2,2-trichloro-                       | 2             | 4             | 10        | - | - | -  | - | - | - |
| 1511 | 59 | CP-536   | 1,2-bis(2-hydroxy-4,5-dichlorophenyl)-                                   | 1             | 2             | 3         | 2 | 5 | 5  | n | n | n |
| 1512 | 57 | Q-172    | 1,1-bis(p-hydroxyphenyl)-2,2-dichloro-                                   | n             | n             | n         | - | - | -  | - | - | - |
| 1513 | 57 | Q-123    | 1,1-bis(p-hydroxyphenyl)-2,2,2-trichloro-                                | 13            | <u>13</u>     | <u>13</u> | - | - | -  | - | - | - |
| 1514 | 19 |          | 1,2-bis(3-hydroxy-2,4,5,6-tetrachloro(?)phenyl)-                         | 9             | 9             | 9         | - | - | -  | - | - | - |
| 1515 | 19 |          | 1,2-bis(2-hydroxy-4,5,6-trichlorophenyl)- ("Sindar G-11")                | $\frac{1}{2}$ | $\frac{1}{2}$ | 4         | 1 | 4 | 13 | n | n | n |
| 1516 | 57 | Q-149    | 1,1-bis(p-isopropylphenyl)-2,2-dichloro-                                 | n             | n             | n         | - | - | -  | - | - | - |
| 1517 | 46 | 326      | 1,2-bis(p-methoxyphenoxy)-   | n             | n             | n         | - | - | -  | - | - | - |
| 1518 | 25 | 400, 216 | 1,1-bis(p-methoxyphenyl)-2,2,2-trichloro-                                | 2             | 14            | <u>10</u> | - | - | -  | - | - | - |
| 1519 | 57 | Cr-512   | 1,2-bis(o-nitrophenoxy)-   | n             | n             | n         | - | - | -  | - | - | - |
| 1520 | 57 | Cr-943   | 1,2-bis(p-nitrophenoxy)-   | n             | n             | n         | - | - | -  | - | - | - |
| 1521 | 57 | Q-191    | 1,1-bis(p-nitrophenyl)-2,2-dichloro-                                     | n             | 12            | n         | - | - | -  | - | - | - |
| 1522 | 25 | 902, 057 | 2,2-bis(p-nitrophenyl)-2,2,2-trichloro-                                  | 7             | 12            | n         | - | - | -  | - | - | - |
| 1523 | 57 | Q-174    | 1,1-bis(p-octylphenyl)-2,2-dichloro-                                     | n             | n             | n         | - | - | -  | - | - | - |
| 1524 | 57 | Q-169    | 1,1-bis(p-sec-pentylphenyl)-2,2-dichloro-                                | n             | n             | n         | - | - | -  | - | - | - |
| 1525 | 57 | Cr-846   | 1,2-bis(2-phenoxyethoxy)-  | n             | n             | n         | - | - | -  | - | - | - |
| 1526 | 57 | Q-173    | 1,1-bis(p-phenoxyphenyl)-2,2-dichloro-                                   | n             | n             | n         | - | - | -  | - | - | - |
| 1527 | 57 | Cr-1282  | 1,2-bis[2-(o-tolyloxy)ethoxy]-   | <u>7</u>      | n             | <u>12</u> | - | - | -  | - | - | - |
| 1528 | 57 | Cr-926   | 1-(2-bromo-4-tert-butyl-6-nitrophenoxy)-2-(2-chloroethoxy)-              | n             | n             | n         | - | - | -  | - | - | - |

| Rept. No. | Subm. No. | Subm. Code No. | Name of Chemical  | Concentration in ppm |    |           |     |   |    |     |   |    |
|-----------|-----------|----------------|---|----------------------|----|-----------|-----|---|----|-----|---|----|
|           |           |                |   | 5.0                  |    |           | 1.0 |   |    | 0.1 |   |    |
|           |           |                |   | T                    | B  | SL        | T   | B | SL | T   | B | SL |
| 1529      | 57        | Cr-1144        | Ethane, 1- (2-bromo-4- <u>tert</u> -butylphenoxy) -2- (2-chloroethoxy) -  | n                    | n  | n         | -   | - | -  | -   | - | -  |
| 1530      | 57        | Cr-1854        | 1- ( <u>p</u> -bromo- <u>o</u> -1-methylheptylphenoxy) -2- (2-chloroethoxy) -   | n                    | n  | n         | -   | - | -  | -   | - | -  |
| 1531      | 57        | Cr-1032        | 1- (2-butoxyethoxy) -2- ( <u>o</u> -chlorophenoxy) -  | n                    | n  | n         | -   | - | -  | -   | - | -  |
| 1532      | 57        | Cr-1031        | 1- (2-butoxyethoxy) -2- <u>p</u> - (1, 1, 3, 3-tetramethylbutyl) phenoxy-   | n                    | n  | n         | -   | - | -  | -   | - | -  |
| 1533      | 57        | Cr-646         | 1- [2- ( <u>p</u> - <u>tert</u> -butyl- <u>o</u> -nitrophenoxy) ethoxy] -2- (2-chloroethoxy) -  | n                    | n  | n         | -   | - | -  | -   | - | -  |
| 1534      | 57        | Cr-932         | 1- [ <u>p</u> - (chloro- <u>tert</u> -butyl) - <u>o</u> -nitrophenoxy] -2- (2-chloroethoxy) -   | 14                   | 14 | <u>14</u> | -   | - | -  | -   | - | -  |
| 1535      | 57        | Cr-552         | 1- (2-chloro-4-chloromethylphenoxy) -2- (2-chloroethoxy) -  | n                    | n  | n         | -   | - | -  | -   | - | -  |
| 1536      | 25        | 402, 246       | 1- (2-chloroethoxy) -2- ( <u>o</u> -chlorophenoxy) -  | n                    | n  | n         | -   | - | -  | -   | - | -  |
| 1537      | 25        | 401, 173       | 1- (2-chloroethoxy) -2- ( <u>p</u> -chlorophenoxy) -  | n                    | n  | n         | -   | - | -  | -   | - | -  |
| 1538      | 57        | Cr-823         | 1- (2-chloroethoxy) -2- [2- ( <u>p</u> -chlorophenoxy) ethoxy] -  | n                    | n  | n         | -   | - | -  | -   | - | -  |
| 1539      | 57        | Cr-964         | 1- (2-chloroethoxy) -2- (2, 4-dibromophenoxy) -   | <u>3</u>             | n  | <u>12</u> | -   | - | -  | -   | - | -  |
| 1540      | 57        | Cr-1591        | 1- (2-chloroethoxy) -2- (x, x-dichloro-x-1-methylheptyl phenoxy) -  | n                    | n  | n         | -   | - | -  | -   | - | -  |
| 1541      | 57        | Cr-537         | 1- (2-chloroethoxy) -2- [2, 4-di (chloromethyl) phenoxy] -  | n                    | n  | n         | -   | - | -  | -   | - | -  |
| 1542      | 57        | Q-20           | 1- <u>p</u> - [ $\beta$ - ( $\beta$ -chloroethoxy) ethoxyphenyl] -1- <u>p</u> - [ $\beta$ - ( $\beta$ -thiocyanoethoxy) ethoxyphenyl] -2, 2, 2-trichloro- | n                    | n  | n         | -   | - | -  | -   | - | -  |
| 1543      | 57        | Cr-938         | 1- (2-chloroethoxy) -2- [ <u>o</u> - (2-methylallyl) - <u>p</u> -nitro phenoxy] -   | n                    | n  | n         | -   | - | -  | -   | - | -  |
| 1544      | 57        | Cr-671         | 1- (2-chloroethoxy) -2- [ <u>o</u> - (2-methylallyl) phenoxy] -   | n                    | n  | n         | -   | - | -  | -   | - | -  |
| 1545      | 57        | Cr-621         | 1- (2-chloroethoxy) -2- [2- ( <u>p</u> - [1-methylheptyl] phenoxy) ethoxy] -  | n                    | n  | n         | -   | - | -  | -   | - | -  |
| 1546      | 57        | Cr-619         | 1- (2-chloroethoxy) -2- ( <u>o</u> -nitrophenoxy) -   | n                    | n  | n         | -   | - | -  | -   | - | -  |
| 1547      | 57        | Cr-627         | 1- (2-chloroethoxy) -2- (2- <u>p</u> -nitrophenoxyethoxy) -   | n                    | n  | n         | -   | - | -  | -   | - | -  |
| 1548      | 57        | Cr-663         | 1- (2-chloroethoxy) -2- [ <u>o</u> -nitro- <u>p</u> - (1, 1, 3, 3-tetramethyl butyl) phenoxy] -   | n                    | n  | n         | -   | - | -  | -   | - | -  |
| 1549      | 57        | Cr-756         | 1- (2-chloroethoxy) -2- ( <u>p</u> - <u>tert</u> -pentyl- <u>o</u> -nitrophenoxy) -   | n                    | n  | n         | -   | - | -  | -   | - | -  |
| 1550      | 57        | Cr-620         | 1- (2-chloroethoxy) -2- (2-phenoxyethoxy) -   | n                    | n  | n         | -   | - | -  | -   | - | -  |
| 1551      | 25        | 401, 097       | 1- (2-chloroethoxy) -2- (2, 3, 4, 6-tetrachlorophenoxy) -   | 9                    | 13 | <u>13</u> | -   | - | -  | -   | - | -  |
| 1552      | 57        | Cr-1281        | 1- (2-chloroethoxy) -2- [2- <u>o</u> -toloxyethoxy] -   | n                    | n  | n         | -   | - | -  | -   | - | -  |

|      |    |          |   |          |               |          |   |   |   |   |   |   |
|------|----|----------|---|----------|---------------|----------|---|---|---|---|---|---|
| 1553 | 57 | Cr-1853  | Ethane, 1-(2-chloroethoxy)-2-(3,5-xilyloxy)-            | n        | n             | n        | - | - | - | - | - | - |
| 1554 | 57 | Cr-376   | 1-(4-chlorophenoxy)-2-(2,4-dinitrophenoxy)-             | n        | n             | n        | - | - | - | - | - | - |
| 1555 | 57 | Q-185    | 1-(p-chlorophenyl)-1-(o-chloro-p-tolyl)-2,2-dichloro-   | n        | n             | n        | - | - | - | - | - | - |
| 1556 | 57 | Q-194    | 1-(4-chlorophenyl)-2,2-dichloro-1-(3,4-dimethylphenyl)- | 14       | n             | n        | - | - | - | - | - | - |
| 1557 | 57 | Q-184    | 1-(p-chlorophenyl)-2,2-dichloro-1-(p-ethylphenyl)-      | <u>5</u> | <u>5</u>      | <u>9</u> | - | - | - | - | - | - |
| 1558 | 57 | Q-12     | 1-(p-chlorophenyl)-2,2-dichloro-1-(p-methoxyphenyl)-    | 12       | n             | n        | - | - | - | - | - | - |
| 1559 | 57 | Q-183    | 1-(p-chlorophenyl)-2,2-dichloro-1-(p-tolyl)-            | n        | n             | n        | - | - | - | - | - | - |
| 1560 | 57 | Cr-805   | 1-(2-cyclohexyl-4-nitrophenoxy)-2-phenoxy-              | n        | n             | n        | - | - | - | - | - | - |
| 1561 | 57 | Cr-473   | 1-(4-cyclohexyl-2-nitrophenoxy)-2-phenoxy-              | n        | n             | n        | - | - | - | - | - | - |
| 1562 | 57 | Cr-489   | 1-(4-cyclohexylphenoxy)-2-(o-nitrophenoxy)-             | n        | n             | n        | - | - | - | - | - | - |
| 1563 | 57 | Cr-380   | 1-(4-cyclohexylphenoxy)-2-phenoxy-                      | n        | n             | n        | - | - | - | - | - | - |
| 1564 | 57 | Q-144    | $\alpha, \beta$ -dibenzoyl-                             | n        | n             | n        | - | - | - | - | - | - |
| 1565 | 25 | 000, 764 | 1,2-dibromo-1,1-dichloro-                               | <u>5</u> | -             | n        | - | - | - | - | - | - |
| 1566 | 57 | Cr-707   | 1-(2,4-dibromophenoxy)-2-(p-chlorophenoxy)-             | n        | n             | n        | - | - | - | - | - | - |
| 1567 | 57 | Cr-692   | 1-(2,4-dibromophenoxy)-2-(o-nitrophenoxy)-              | n        | n             | n        | - | - | - | - | - | - |
| 1568 | 57 | Cr-700   | 1-(2,4-dibromophenoxy)-2-phenoxy-                       | n        | n             | n        | - | - | - | - | - | - |
| 1569 | 25 | 000, 120 | 1,2-dichloro-   | n        | -             | n        | - | - | - | - | - | - |
| 1570 | 46 | 94       | dichloro-diphenyl-trichloro- ("DDT", technical)         | 6        | 10            | n        | - | - | - | - | - | - |
| 1571 | 25 | 001, 280 | 1,2-dichloro-1,1,2,2-tetraphenyl-                       | n        | n             | n        | - | - | - | - | - | - |
| 1572 | 57 | Q-165    | 1,1-dichloro-2-(p-tolyl)-2-(o-tolyl)-                   | n        | n             | n        | - | - | - | - | - | - |
| 1573 | 57 | FW-99    | 1,1-dicumyl-2,2,2-trichloro-                            | n        | n             | n        | - | - | - | - | - | - |
| 1574 | 57 | Cr-686   | 1-(2,4-dinitrophenoxy)-2-[o-(1-methylheptyl)phenoxy]-   | n        | n             | n        | - | - | - | - | - | - |
| 1575 | 57 | Cr-382   | 1-(2,4-dinitrophenoxy)-2-(2-naphthylloxy)-              | n        | n             | n        | - | - | - | - | - | - |
| 1576 | 57 | Cr-381   | 1-(2,4-dinitrophenoxy)-2-(2-nitrophenoxy)-              | 3        | $\frac{1}{2}$ | n        | - | - | - | - | - | - |
| 1577 | 57 | Cr-373   | 1-(2,4-dinitrophenoxy)-2-(4-nitrophenoxy)-              | n        | <u>2</u>      | n        | - | - | - | - | - | - |
| 1578 | 57 | Cr-402   | 1-(2,4-dinitrophenoxy)-2-(o-tolyloxy)-                  | n        | n             | n        | - | - | - | - | - | - |
| 1579 | 54 |          | hexachloro-   | n        | n             | n        | - | - | - | - | - | - |
| 1580 | 57 | Cr-480   | 1-(p-hexylphenoxy)-2-(p-nitrophenoxy)-                  | n        | n             | n        | - | - | - | - | - | - |
| 1581 | 57 | Cr-454   | 1-(o-hexylphenoxy)-2-phenoxy-                           | n        | n             | n        | - | - | - | - | - | - |
| 1582 | 57 | Cr-405   | 1-(o-methoxyphenoxy)-2-phenoxy-                         | n        | n             | n        | - | - | - | - | - | - |
| 1583 | 57 | Cr-409   | 1-[o-(2-methylallyl)phenoxy]-2-phenoxy-                 | n        | n             | n        | - | - | - | - | - | - |
| 1584 | 57 | Cr-400   | 1-phenoxy-2-(o-tolyloxy)-                               | n        | n             | n        | - | - | - | - | - | - |
| 1585 | 25 | 000, 315 | 1,1,2,2-tetrachloro-                                    | n        | -             | n        | - | - | - | - | - | - |
| 1586 | 25 | 001, 279 | 1,1,1-triphenyl-  | n        | n             | n        | - | - | - | - | - | - |
| 1587 | 57 | Lo-26    | 1,2-Ethanedithiol; dixanthate                           | n        | n             | n        | - | - | - | - | - | - |

| Rept. No. | Subm. No. | Subm. Code No. | Name of Chemical  | Concentration in ppm |               |               |     |   |    |     |   |    |
|-----------|-----------|----------------|---|----------------------|---------------|---------------|-----|---|----|-----|---|----|
|           |           |                |   | 5.0                  |               |               | 1.0 |   |    | 0.1 |   |    |
|           |           |                |   | T                    | B             | SL            | T   | B | SL | T   | B | SL |
| 1588      | 57        | Cr-116         | Ethanethiol; copper salt                                  | 15                   | n             | n             | -   | - | -  | -   | - | -  |
| 1589      | 56        | NP-1379        | 2-diethylamino-   | n                    | n             | n             | -   | - | -  | -   | - | -  |
| 1590      | 57        | Q-70           | Ethanol, 1-acetamido-2, 2, 2-trichloro-                   | n                    | n             | n             | -   | - | -  | -   | - | -  |
| 1591      | 46        | 192            | 2-amino-  | -                    | -             | n             | -   | - | -  | -   | - | -  |
| 1592      | 46        | 197            | 2-amino-x, x-dimethyl-                                    | -                    | -             | n             | -   | - | -  | -   | - | -  |
| 1593      | 25        | 508, 071       | 2-(2-[2-(3-aminopropoxy)ethoxy]ethoxy)-                   | n                    | n             | n             | -   | - | -  | -   | - | -  |
| 1594      | 57        | Cr-397         | 2-(2-biphenyloxy)-  | n                    | $\frac{1}{2}$ | n             | -   | - | -  | -   | - | -  |
| 1595      | 31        | 1127           | 1, 2-bis(p-chlorophenyl)-                                 | $\frac{5}{-}$        | -             | $\frac{3}{-}$ | -   | - | -  | -   | - | -  |
| 1596      | 4         |                | 1, 1-bis(p-chlorophenyl)-2-ethoxy-                        | 15                   | n             | n             | -   | - | -  | -   | - | -  |
| 1597      | 57        | ER-80          | 2-[2-(2, 2-bis-p-chlorophenylvinyl)oxy]ethoxy-            | n                    | -             | n             | -   | - | -  | -   | - | -  |
| 1598      | 57        | ER-117         | 2-[2-(2-[2, 2-bis-p-chlorophenylvinyl)oxy]ethoxy)ethoxy]- | 3                    | -             | n             | -   | - | -  | -   | - | -  |
| 1599      | 25        | 402, 032       | 2-bromo-  | n                    | n             | n             | -   | - | -  | -   | - | -  |
| 1600      | 31        | 860            | 1-(o-bromo-x-chlorophenyl)-2, 2, 2-trichloro-             | 5                    | -             | 14            | -   | - | -  | -   | - | -  |
| 1601      | 25        | 100, 709       | 2-butoxy-   | n                    | n             | n             | -   | - | -  | -   | - | -  |
| 1602      | 25        | 100, 715       | 2-(2-butoxyethoxy)-                                       | n                    | n             | n             | -   | - | -  | -   | - | -  |
| 1603      | 57        | Cr-1081        | phosphorous acid triester                                 | n                    | n             | n             | -   | - | -  | -   | - | -  |
| 1604      | 57        | Mr-15          | 2-tert-butylamino-  | n                    | n             | n             | -   | - | -  | -   | - | -  |
| 1605      | 57        | Cr-656         | 2-(4-tert-butyl-2-nitrophenoxy)-                          | n                    | n             | n             | -   | - | -  | -   | - | -  |
| 1606      | 25        | 103, 234       | 2-(4-tert-butylphenoxy)-                                  | n                    | n             | n             | -   | - | -  | -   | - | -  |
| 1607      | 63        | O-4170         | 2-(2-carboxyethoxy)-                                      | -                    | -             | n             | -   | - | -  | -   | - | -  |
| 1608      | 46        | 316            | 2-chloro-   | n                    | n             | n             | -   | - | -  | -   | - | -  |
| 1609      | 57        | He-481         | ester with petroleum oxidation product                    | n                    | n             | n             | -   | - | -  | -   | - | -  |
| 1610      | 25        | 402, 045       | 2-(2-chloroethoxy)-                                       | n                    | n             | n             | -   | - | -  | -   | - | -  |
| 1611      | 25        | 400, 914       | 2-[2-(2-chloroethoxy)ethoxy]-                             | n                    | n             | n             | -   | - | -  | -   | - | -  |
| 1612      | 57        | Cr-374         | 2-(4-chlorophenoxy)-                                      | n                    | n             | n             | -   | - | -  | -   | - | -  |
| 1613      | 31        | 92             | 1-(2-chlorophenyl)-2-(4-chlorophenyl)-                    | -                    | -             | n             | -   | - | -  | -   | - | -  |
| 1614      | 57        | Q-50           | 1-(2-chlorophenyl)-2, 2-dichloro-                         | n                    | $\frac{5}{-}$ | n             | -   | - | -  | -   | - | -  |
| 1615      | 31        | 595            | x-(2-chlorophenyl)-2-nitro-                               | n                    | n             | n             | -   | - | -  | -   | - | -  |
| 1616      | 25        | 402, 648       | 2, 2'-(decamethylenedithio) di-                           | n                    | n             | n             | -   | - | -  | -   | - | -  |
| 1617      | 54        |                | 2-(2, 4-dichlorophenoxy)-; carbanilate                    | n                    | n             | n             | -   | - | -  | -   | - | -  |
| 1618      | 25        | 500, 636       | 2-dimethylamino-  | n                    | n             | n             | -   | - | -  | -   | - | -  |
| 1619      | 25        | 508, 090       | 2-(2-dimethylaminoethoxy)-                                | n                    | n             | n             | -   | - | -  | -   | - | -  |
| 1620      | 57        | Cr-819         | 2-[4-(1, 1-dimethylpropyl)-2-nitrophenoxy]-               | n                    | n             | n             | -   | - | -  | -   | - | -  |
| 1621      | 19        |                | 2-dodecylamino-   | 2                    | -             | 14            | -   | - | -  | -   | - | -  |
| 1622      | 19        |                | 2-(N-dodecyl-N-methyl) amino-                             | 1                    | 3             | 3             | n   | n | n  | n   | n | n  |
| 1623      | 25        | 100, 698       | 2-ethoxy-   | n                    | n             | n             | -   | - | -  | -   | - | -  |

|      |    |          |  |    |    |    |   |   |   |   |   |   |
|------|----|----------|--|----|----|----|---|---|---|---|---|---|
| 1624 | 25 | 101, 940 | Ethanol, 2-(2-ethoxyethoxy)-                                       | n  | n  | n  | - | - | - | - | - | - |
| 1625 | 25 | 400, 571 | 2,2'-ethylenedisulfonyldi-   | n  | n  | n  | - | - | - | - | - | - |
| 1626 | 19 |          | 2-( <u>N</u> -ethyl- <u>N</u> -octyl) amino-                       | 2  | 3  | 14 | n | n | n | n | n | n |
| 1627 | 25 | 402, 503 | 2,2'-(2-ethyl-1-propyltrimethylenedithio) di-                      | n  | n  | n  | - | - | - | - | - | - |
| 1628 | 56 | NP-1389  | 2-ethylthio-   | n  | n  | n  | - | - | - | - | - | - |
| 1629 | 25 | 501, 268 |  |    |    |    |   |   |   |   |   |   |
|      |    | -A1      | 2,2'-iminodi-; complex with $\frac{1}{2}$ f. wt. fluosilicic acid  | n  | n  | n  | - | - | - | - | - | - |
| 1630 | 46 | 323      | 2,2'-iminodi- <u>N</u> -phenyl-                                    | n  | n  | n  | - | - | - | - | - | - |
| 1631 | 25 | 101, 902 | 2-isopropoxy-  | n  | n  | n  | - | - | - | - | - | - |
| 1632 | 25 | 106, 384 | 2-(2-isopropoxyethoxy)-  | n  | n  | n  | - | - | - | - | - | - |
| 1633 | 25 | 101, 860 | 2-methoxy-   | n  | n  | n  | - | - | - | - | - | - |
| 1634 | 25 | 103, 673 | 2-(2-methoxyethoxy)-   | n  | n  | n  | - | - | - | - | - | - |
| 1635 | 25 | 105, 310 | 2-( <u>p</u> -methoxyphenoxy)-                                     | n  | n  | n  | - | - | - | - | - | - |
| 1636 | 25 | 402, 624 | 2,2'-(methylenedithio) di-   | n  | n  | n  | - | - | - | - | - | - |
| 1637 | 25 | 402, 631 | 2,2'-(1-methyltrimethylenedithio) di-                              | n  | n  | n  | - | - | - | - | - | - |
| 1638 | 54 |          | 2-(4-morpholinyl)-; carbanilate                                    | n  | -  | n  | - | - | - | - | - | - |
| 1639 | 57 | Cr-387   | 2-(2-naphthyloxy)-; acetate  | n  | n  | n  | - | - | - | - | - | - |
| 1640 | 46 | 201      | 2,2',2''-nitrilotri-; (triethanol amine)                           | n  | n  | n  | - | - | - | - | - | - |
| 1641 | 25 | 500, 168 |  |    |    |    |   |   |   |   |   |   |
|      |    | -A1      | complex with $\frac{1}{2}$ f. wt. fluosilicic acid                 | n  | n  | n  | - | - | - | - | - | - |
| 1642 | 25 | 507, 529 | triacetate (ester)   | n  | n  | n  | - | - | - | - | - | - |
| 1643 | 46 | 74       | 2,2',2''-nitrilotri-2-(2,4,5-trichlorophenoxy)-;                   |    |    |    |   |   |   |   |   |   |
|      |    |          | propionate   | n  | n  | n  | - | - | - | - | - | - |
| 1644 | 57 | Cr-369   | 2-( <u>p</u> -nitrophenoxy)-                                       | n  | n  | n  | - | - | - | - | - | - |
| 1645 | 57 | Cr-917   | 2-[2- <u>o</u> -nitro- <u>p</u> -(1,1,3,3-tetramethylbutyl)phenoxy |    |    |    |   |   |   |   |   |   |
|      |    |          | ethoxy]-   | n  | n  | n  | - | - | - | - | - | - |
| 1646 | 57 | Cr-916   | acetate  | n  | n  | n  | - | - | - | - | - | - |
| 1647 | 25 | 106, 374 | 2-( <u>p</u> -nonylphenoxy)-; mixture of nonyl isomers             | n  | 14 | n  | - | - | - | - | - | - |
| 1648 | 25 | 403, 137 | 1,1'-oxybis[2-chloro-  | 10 | n  | n  | - | - | - | - | - | - |
| 1649 | 25 | 402, 640 | 2,2'-(pentamethylenedithio) di-                                    | n  | n  | n  | - | - | - | - | - | - |
| 1650 | 57 | Cr-130   | 2-phenoxy-   | n  | n  | n  | - | - | - | - | - | - |
| 1651 | 57 | Cr-875   | <u>p</u> -toluenesulfonate   | n  | n  | n  | - | - | - | - | - | - |
| 1652 | 57 | Cr-412   | 2,2'-( <u>m</u> -phenylenedioxy) di-                               | n  | n  | n  | - | - | - | - | - | - |
| 1653 | 25 | 400, 866 | 2,2'-sulfinyldi-   | n  | n  | n  | - | - | - | - | - | - |
| 1654 | 25 | 400, 570 | 2,2'-sulfonyldi-   | n  | n  | n  | - | - | - | - | - | - |
| 1655 | 57 | Cr-566   | 2,2'-[ <u>p</u> , <u>p</u> '-(sulfonyldiphenoxy)] di-              | n  | n  | n  | - | - | - | - | - | - |
| 1656 | 57 | Cr-399   | 2-( <u>o</u> -tolylxy)-  | n  | n  | n  | - | - | - | - | - | - |
| 1657 | 25 | 402, 971 | 2,2,2-trichloro-   | n  | n  | n  | - | - | - | - | - | - |
| 1658 | 25 | 107, 028 | x,x,x-triphenyl-; benzoate   | n  | n  | n  | - | - | - | - | - | - |
| 1659 | 25 | 106, 642 | 1,1,2-triphenyl-   | -  | -  | n  | - | - | - | - | - | - |

| Rept. No. | Subm. | Subm. Code No. | Name of Chemical  | Concentration in ppm |          |           |     |   |    |     |   |    |
|-----------|-------|----------------|---|----------------------|----------|-----------|-----|---|----|-----|---|----|
|           |       |                |   | 5.0                  |          |           | 1.0 |   |    | 0.1 |   |    |
|           |       |                |   | T                    | B        | SL        | T   | B | SL | T   | B | SL |
| 1660      | 57    | Cr-1606        | Ether, allyl benzyl                                       | n                    | n        | n         | -   | - | -  | -   | - | -  |
| 1661      | 58    | O-3616 a       | allyl 3-bromobiphenyl                                     | 4                    | 14       | <u>4</u>  | n   | n | n  | n   | n | n  |
| 1662      | 57    | Cr-158         | benzyl 2-benzyl-4,6-dinitrophenyl                         | n                    | n        | n         | -   | - | -  | -   | - | -  |
| 1663      | 57    | Cr-340         | benzyl p-benzylphenyl                                     | n                    | n        | n         | -   | - | -  | -   | - | -  |
| 1664      | 57    | Cr-909         | benzyl 2-bromo-4- <u>tert</u> -butyl-6-nitrophenyl        | n                    | n        | n         | -   | - | -  | -   | - | -  |
| 1665      | 57    | He-487         | benzyl 2-bromo-4- <u>tert</u> -butylphenyl                | n                    | -        | n         | -   | - | -  | -   | - | -  |
| 1666      | 57    | Cr-1254        | benzyl 5-bromo-3-nitro- <u>o</u> -tolyl                   | 12                   | n        | <u>17</u> | -   | - | -  | -   | - | -  |
| 1667      | 57    | Cr-980         | benzyl 4- <u>tert</u> -butyl-2-chloro-6-nitrophenyl       | n                    | n        | n         | -   | - | -  | -   | - | -  |
| 1668      | 57    | Cr-529         | benzyl 4- <u>tert</u> -butyl-2,6-dinitrophenyl            | 8                    | 14       | n         | -   | - | -  | -   | - | -  |
| 1669      | 57    | Cr-357         | benzyl p- <u>tert</u> -butyl-x-nitrophenyl                | n                    | n        | n         | -   | - | -  | -   | - | -  |
| 1670      | 57    | Cr-214         | benzyl 4- <u>sec</u> -butylphenyl                         | n                    | n        | n         | -   | - | -  | -   | - | -  |
| 1671      | 57    | Cr-484         | benzyl 2-(5-chlorobiphenyl)                               | n                    | n        | n         | -   | - | -  | -   | - | -  |
| 1672      | 57    | Cr-485         | benzyl 2-(6-chlorobiphenyl)                               | n                    | n        | n         | -   | - | -  | -   | - | -  |
| 1673      | 57    | Cr-120         | benzyl <u>o</u> -chlorophenyl                             | 12                   | n        | n         | -   | - | -  | -   | - | -  |
| 1674      | 57    | SM-334         | benzyl p-cresoxymethyl                                    | -                    | -        | n         | -   | - | -  | -   | - | -  |
| 1675      | 57    | Cr-474         | benzyl 2-cyclohexyl-4-nitrophenyl                         | n                    | n        | n         | -   | - | -  | -   | - | -  |
| 1676      | 57    | Cr-461         | benzyl 4-cyclohexyl-2-nitrophenyl                         | n                    | n        | n         | -   | - | -  | -   | - | -  |
| 1677      | 57    | Cr-441         | benzyl 2-cyclohexylphenyl                                 | n                    | n        | n         | -   | - | -  | -   | - | -  |
| 1678      | 57    | Cr-1623        | benzyl 2,3-dibromopropyl                                  | n                    | n        | n         | -   | - | -  | -   | - | -  |
| 1679      | 57    | Cr-960         | benzyl 2,6-dibromo-4-(1,1,3,3-tetramethylbutyl)<br>phenyl | n                    | n        | n         | -   | - | -  | -   | - | -  |
| 1680      | 57    | Cr-1625        | benzyl 2,3-dichloro-2-methylpropyl                        | n                    | n        | n         | -   | - | -  | -   | - | -  |
| 1681      | 31    | 479            | benzyl 2,3-dichloropropyl                                 | n                    | n        | n         | -   | - | -  | -   | - | -  |
| 1682      | 57    | Cr-204         | benzyl 2,6-dinitro-4- <u>t</u> -octylphenyl               | 4                    | 13       | 13        | -   | - | -  | -   | - | -  |
| 1683      | 57    | Cr-256         | benzyl 2,4-dinitrophenyl                                  | -                    | n        | n         | -   | - | -  | -   | - | -  |
| 1684      | 57    | Cr-987         | benzyl x,x-dipentyl-x-nitrophenyl                         | n                    | n        | n         | -   | - | -  | -   | - | -  |
| 1685      | 57    | Cr-662         | benzyl p-iodophenyl                                       | n                    | n        | n         | -   | - | -  | -   | - | -  |
| 1686      | 57    | Cr-245         | benzyl 2-isopropyl-5-methylphenyl                         | n                    | n        | n         | -   | - | -  | -   | - | -  |
| 1687      | 57    | Cr-682         | benzyl methyl   | n                    | n        | n         | -   | - | -  | -   | - | -  |
| 1688      | 57    | Cr-664         | benzyl <u>o</u> -(2-methylallyl) phenyl                   | n                    | n        | n         | -   | - | -  | -   | - | -  |
| 1689      | 57    | Cr-623         | benzyl x-(1-methylheptyl)-x-nitrophenyl                   | n                    | n        | n         | -   | - | -  | -   | - | -  |
| 1690      | 57    | Cr-278         | benzyl 2-methyl-4-nitrophenyl                             | n                    | n        | n         | -   | - | -  | -   | - | -  |
| 1691      | 57    | Cr-275         | benzyl 2-methyl-6-nitrophenyl                             | 14                   | n        | <u>14</u> | -   | - | -  | -   | - | -  |
| 1692      | 57    | Cr-270         | benzyl 2-methyl-(4- and 6-) nitrophenyl                   | 14                   | <u>1</u> | n         | -   | - | -  | -   | - | -  |
| 1693      | 57    | Cr-213         | benzyl $\alpha$ -naphthyl                                 | n                    | n        | n         | -   | - | -  | -   | - | -  |
| 1694      | 57    | Cr-159         | benzyl $\beta$ -naphthyl                                  | n                    | n        | n         | -   | - | -  | -   | - | -  |

|      |    |          |  |               |               |           |   |   |   |   |   |   |
|------|----|----------|--|---------------|---------------|-----------|---|---|---|---|---|---|
| 1695 | 57 | Cr-356   | Ether, benzyl 2-( <i>x</i> -nitrobiphenyl)                                 | n             | n             | n         | - | - | - | - | - | - |
| 1696 | 57 | Cr-243   | benzyl $\beta$ -( <i>a</i> -nitronaphthyl)                                 | n             | n             | n         | - | - | - | - | - | - |
| 1697 | 57 | Cr-166   | benzyl 2-nitrophenyl   | $\frac{1}{2}$ | $\frac{1}{2}$ | n         | - | - | - | - | - | - |
| 1698 | 57 | Cr-123   | benzyl 4-nitrophenyl   | n             | n             | n         | - | - | - | - | - | - |
| 1699 | 57 | Cr-355   | benzyl <i>x</i> -nitro- <i>p</i> -1, 1, 3, 3-tetramethylbutylphenyl        | n             | n             | n         | - | - | - | - | - | - |
| 1700 | 57 | Cr-341   | <i>p</i> -benzylphenyl <i>p</i> -nitrobenzyl                               | n             | n             | n         | - | - | - | - | - | - |
| 1701 | 57 | Cr-203   | benzyl 2- <i>n</i> -propylphenyl   | n             | n             | n         | - | - | - | - | - | - |
| 1702 | 57 | Cr-165   | benzyl <i>p</i> -(1, 1, 3, 3-tetramethylbutylphenyl)                       | n             | n             | n         | - | - | - | - | - | - |
| 1703 | 57 | Cr-215   | benzyl <i>m</i> -tolyl   | n             | n             | n         | - | - | - | - | - | - |
| 1704 | 57 | Cr-229   | benzyl <i>p</i> -tolyl   | n             | <u>8</u>      | <u>22</u> | - | - | - | - | - | - |
| 1705 | 25 | 402, 130 | benzyl 2, 4, 6-trichlorophenyl   | n             | n             | n         | - | - | - | - | - | - |
| 1706 | 57 | Cr-1058  | benzyl <i>p</i> -( <i>a, a, a</i> -triphenyl) tolyl                        | n             | n             | n         | - | - | - | - | - | - |
| 1707 | 58 | O-2158   | 3-biphenyl <i>n</i> -butyl   | n             | n             | n         | - | - | - | - | - | - |
| 1708 | 57 | Cr-228   | 2-biphenyl <i>o</i> -chlorobenzyl  | n             | n             | n         | - | - | - | - | - | - |
| 1709 | 46 | 1        | 2-biphenyl 2-chloroethyl   | 13            | 13            | n         | - | - | - | - | - | - |
| 1710 | 58 | O-130    | <i>x</i> -biphenyl <i>x, x</i> -dichlorophenyl                             | n             | n             | n         | - | - | - | - | - | - |
| 1711 | 57 | Cr-314   | 2-biphenyl 2-methylallyl   | n             | 14            | n         | - | - | - | - | - | - |
| 1712 | 57 | Cr-224   | 2-biphenyl <i>a</i> -naphthylmethyl  | n             | n             | n         | - | - | - | - | - | - |
| 1713 | 57 | Cr-195   | 2-biphenyl <i>p</i> -nitrobenzyl   | n             | n             | n         | - | - | - | - | - | - |
| 1714 | 58 | O-2137   | 3-biphenyl phenyl  | n             | n             | n         | - | - | - | - | - | - |
| 1715 | 49 |          | bis( <i>p</i> -aminophenyl)  | n             | n             | n         | - | - | - | - | - | - |
| 1716 | 57 | Cr-992   | bis(2-benzyloxyethyl)  | n             | n             | n         | - | - | - | - | - | - |
| 1717 | 46 | 10       | bis[2-(2-biphenyloxy)ethyl]  | 8             | <u>2</u>      | n         | - | - | - | - | - | - |
| 1718 | 25 | 402, 135 | bis(2-bromomethyl)   | n             | n             | n         | - | - | - | - | - | - |
| 1719 | 57 | Q-133    | bis( <i>p</i> -chlorobenzyl)   | n             | n             | n         | - | - | - | - | - | - |
| 1720 | 25 | 402, 197 | bis(2-chloro-1-methylethyl)  | n             | n             | n         | - | - | - | - | - | - |
| 1721 | 57 | ER-74    | 2, 2-bis( <i>p</i> -chlorophenyl) vinyl 2-chloroethyl                      | n             | n             | n         | - | - | - | - | - | - |
| 1722 | 57 | ER-73    | 2, 2-bis( <i>p</i> -chlorophenyl) vinyl ethyl                              | n             | n             | n         | - | - | - | - | - | - |
| 1723 | 57 | ER-30    | 2, 2-bis(4-chlorophenyl) vinyl tetrahydrofurfuryl                          | n             | n             | n         | - | - | - | - | - | - |
| 1724 | 57 | Cr-768   | bis[ <i>p</i> -( <i>a</i> -chlorotolyloxy)]                                | n             | n             | n         | - | - | - | - | - | - |
| 1725 | 57 | Cr-782   | bis(2, 4-dichlorophenyl)   | n             | n             | n         | - | - | - | - | - | - |
| 1726 | 57 | Cr-1564  | bis(2-methylallyl)   | n             | n             | n         | - | - | - | - | - | - |
| 1727 | 57 | Cr-770   | bis[1-( <i>p</i> -nitrophenoxy)- <i>p</i> -tolyl]                          | n             | n             | n         | - | - | - | - | - | - |
| 1728 | 57 | Cr-777   | bis( <i>x</i> -nitrophenyl)  | 4             | 10            | n         | - | - | - | - | - | - |
| 1729 | 57 | Cr-967   | bis(4-nitrophenyl)   | n             | n             | n         | - | - | - | - | - | - |
| 1730 | 57 | Cr-1087  | bis-2-( <i>x, x</i> -xylyloxy) ethoxy                                      | n             | n             | n         | - | - | - | - | - | - |
| 1731 | 57 | Cr-734   | 2-(4-bromobiphenyl) <i>p</i> -nitrophenyl                                  | n             | n             | n         | - | - | - | - | - | - |
| 1732 | 57 | He-486   | <i>o</i> -bromo- <i>p</i> - <u>tert</u> -butylphenyl 2, 4-dinitrophenyl    | n             | n             | n         | - | - | - | - | - | - |
| 1733 | 57 | He-488   | <i>o</i> -bromo- <i>p</i> - <u>tert</u> -butylphenyl <i>p</i> -nitrobenzyl | n             | n             | n         | - | - | - | - | - | - |



| Rept. No. | Subm. No. | Subm. Code No. | Name of Chemical                                    | Concentration in ppm |    |    |     |   |    |     |   |    |
|-----------|-----------|----------------|---|----------------------|----|----|-----|---|----|-----|---|----|
|           |           |                |   | 5.0                  |    |    | 1.0 |   |    | 0.1 |   |    |
|           |           |                |   | T                    | B  | SL | T   | B | SL | T   | B | SL |
| 1734      | 57        | Cr-559         | Ether, 2-bromoethyl methyl                          | n                    | n  | n  | -   | - | -  | -   | - | -  |
| 1735      | 57        | Cr-757         | x-bromo-x-(1-methylheptyl) phenyl 2,4-dinitrophenyl | n                    | n  | n  | -   | - | -  | -   | - | -  |
| 1736      | 57        | Cr-799         | p-bromo-o-(1-methylheptyl) phenyl p-nitrophenyl     | n                    | n  | n  | -   | - | -  | -   | - | -  |
| 1737      | 57        | Cr-779         | 4-bromo-x-nitrophenyl 4-bromophenyl                 | n                    | n  | n  | -   | - | -  | -   | - | -  |
| 1738      | 57        | Cr-1257        | o-(4-bromo-6-nitrotolyl) 2-methylallyl              | n                    | n  | n  | -   | - | -  | -   | - | -  |
| 1739      | 57        | Cr-771         | p-bromophenyl p-(a-chlorotolyl)                     | n                    | n  | n  | -   | - | -  | -   | - | -  |
| 1740      | 25        | 905,105        | p-bromophenyl o-nitrophenyl                         | -                    | -  | n  | -   | - | -  | -   | - | -  |
| 1741      | 25        | 905,106        | p-bromophenyl p-nitrophenyl                         | -                    | -  | n  | -   | - | -  | -   | - | -  |
| 1742      | 49        |                | x-bromophenyl phenyl                                | 10                   | 10 | n  | -   | - | -  | -   | - | -  |
| 1743      | 57        | Cr-778         | p-bromophenyl phenyl                                | n                    | n  | n  | -   | - | -  | -   | - | -  |
| 1744      | 57        | Cr-810         | p-bromophenyl p-(1,1,3,3-tetramethylbutyl) phenyl   | n                    | n  | n  | -   | - | -  | -   | - | -  |
| 1745      | 25        | 402,375        | 3-bromopropyl phenyl                                | n                    | n  | n  | -   | - | -  | -   | - | -  |
| 1746      | 58        | O-5068         |   |                      |    |    |     |   |    |     |   |    |
|           |           | -a             | n-butyl 4,4'-dichlorobenzhydryl                     | n                    | n  | n  | -   | - | -  | -   | - | -  |
| 1747      | 57        | Cr-986         | 4-tert-butyl-2,6-dinitrophenyl 2-methylallyl        | 14                   | 14 | n  | -   | - | -  | -   | - | -  |
| 1748      | 57        | Cr-630         | p-tert-butyl-o-nitrophenyl o-chlorobenzyl           | n                    | n  | n  | -   | - | -  | -   | - | -  |
| 1749      | 57        | Cr-719         | p-tert-butyl-o-nitrophenyl 2,4-dinitrophenyl        | n                    | n  | n  | -   | - | -  | -   | - | -  |
| 1750      | 57        | Cr-631         | p-tert-butyl-o-nitrophenyl 2-methylallyl            | n                    | n  | n  | -   | - | -  | -   | - | -  |
| 1751      | 58        | O-3329         |   |                      |    |    |     |   |    |     |   |    |
|           |           | -a             | 4-tert-butylphenyl 2-chloroallyl                    | 4                    | 14 | n  | -   | - | -  | -   | - | -  |
| 1752      | 57        | Cr-642         | 4-tert-butylphenyl 2-chlorobenzyl                   | n                    | n  | n  | -   | - | -  | -   | - | -  |
| 1753      | 57        | Cr-194         | p-tert-butylphenyl p-nitrobenzyl                    | n                    | n  | n  | -   | - | -  | -   | - | -  |
| 1754      | 57        | Cr-276         | p-tert-butylphenyl β-phenoxyethyl                   | n                    | n  | n  | -   | - | -  | -   | - | -  |
| 1755      | 57        | Cr-219         | x-tert-butylphenyl β-tetrahydronaphthylmethyl       | n                    | n  | n  | -   | - | -  | -   | - | -  |
| 1756      | 54        |                | n-butyl 2,3,5,6-tetrachlorophenyl                   | n                    | -  | n  | -   | - | -  | -   | - | -  |
| 1757      | 46        | 270            | o-carbomethoxyphenyl p-chlorobenzyl                 | n                    | 2  | n  | -   | - | -  | -   | - | -  |
| 1758      | 57        | Cr-232         | o-chlorobenzyl o-chlorophenyl                       | n                    | n  | n  | -   | - | -  | -   | - | -  |
| 1759      | 57        | Cr-705         | o-chlorobenzyl 2,4-dibromophenyl                    | n                    | n  | n  | -   | - | -  | -   | - | -  |
| 1760      | 46        | 16             | p-chlorobenzyl 2,4-dichlorophenyl                   | n                    | n  | n  | -   | - | -  | -   | - | -  |
| 1761      | 57        | Cr-972         | x-chlorobenzyl x,x-dipentylphenyl                   | n                    | n  | n  | -   | - | -  | -   | - | -  |
| 1762      | 46        | 51             | 4-chlorobenzyl 2-methoxy-4-allylphenyl              | n                    | n  | n  | -   | - | -  | -   | - | -  |
| 1763      | 46        | 53             | 4-chlorobenzyl x-methoxy-y-butylphenyl              | n                    | n  | n  | -   | - | -  | -   | - | -  |
| 1764      | 57        | SM-403         | 4-chlorobenzyl 4-methoxyphenoxyethyl                | n                    | 10 | 11 | -   | - | -  | -   | - | -  |
| 1765      | 46        | 50             | 4-chlorobenzyl 2-methoxyphenyl                      | n                    | n  | n  | -   | - | -  | -   | - | -  |
| 1766      | 46        | 52             | 4-chlorobenzyl 2-methoxy-4-propenylphenyl           | n                    | n  | n  | -   | - | -  | -   | - | -  |
| 1767      | 46        | 313            | 4-chlorobenzyl 1-naphthyl                           | n                    | n  | n  | -   | - | -  | -   | - | -  |

|      |    |          |  |           |    |          |   |   |   |   |   |   |
|------|----|----------|--|-----------|----|----------|---|---|---|---|---|---|
| 1768 | 57 | Cr-641   | Ether, 2-chlorobenzyl 2-nitrophenyl                      | n         | n  | n        | - | - | - | - | - | - |
| 1769 | 57 | Cr-231   | 2-chlorobenzyl 4-nitrophenyl                             | n         | n  | n        | - | - | - | - | - | - |
| 1770 | 46 | 54       | 4-chlorobenzyl x-nonylphenyl                             | n         | n  | n        | - | - | - | - | - | - |
| 1771 | 46 | 5        | 4-chlorobenzyl phenyl                                    | n         | n  | n        | - | - | - | - | - | - |
| 1772 | 57 | Cr-227   | 2-chlorobenzyl x-(1, 1, 3, 3-tetramethylbutyl) phenyl    | n         | n  | n        | - | - | - | - | - | - |
| 1773 | 46 | 13       | 2-(4-chlorobiphenyl) 2-chloro-1-methylethyl              | 8         | 12 | 16       | - | - | - | - | - | - |
| 1774 | 58 | O-3332   | 2-(4-chlorobiphenyl) 2-methyl                            | n         | n  | n        | - | - | - | - | - | - |
| 1775 | 57 | Cr-629   | 2-chloroethyl 4- <u>tert</u> -butyl-x-nitrophenyl        | n         | n  | n        | - | - | - | - | - | - |
| 1776 | 57 | Cr-887   | 2-chloroethyl 2-(4-chloromethyl) biphenyl                | <u>12</u> | -  | <u>4</u> | - | - | - | - | - | - |
| 1777 | 57 | Cr-544   | 2-chloroethyl 2, 4-(dichloromethyl) phenyl               | n         | n  | n        | - | - | - | - | - | - |
| 1778 | 57 | Cr-289   | 2-chloroethyl p-(1, 1, 3, 3-tetramethylbutyl) phenyl     | n         | n  | n        | - | - | - | - | - | - |
| 1779 | 25 | 402, 368 | p-chloro-a-methylenebenzyl methyl                        | -         | -  | n        | - | - | - | - | - | - |
| 1780 | 57 | FW-145   | 4-chlorophenyl 4, 4'-dichlorobenzhydriyl                 | 2         | -  | 12       | - | - | - | - | - | - |
| 1781 | 57 | Cr-781   | 4-chlorophenyl 2, 4-dichlorophenyl                       | n         | n  | n        | - | - | - | - | - | - |
| 1782 | 57 | Cr-311   | 4-chlorophenyl 2-methylallyl                             | 12        | n  | n        | - | - | - | - | - | - |
| 1783 | 57 | Cr-198   | 4-chlorophenyl 4-nitrobenzyl                             | n         | n  | n        | - | - | - | - | - | - |
| 1784 | 25 | 905, 107 | 3-chlorophenyl 4-nitrophenyl                             | -         | -  | n        | - | - | - | - | - | - |
| 1785 | 57 | Cr-288   | 4-chlorophenyl 2-phenoxyethyl                            | n         | n  | n        | - | - | - | - | - | - |
| 1786 | 25 | 106, 639 | cinnamyl mesityl   | n         | n  | n        | - | - | - | - | - | - |
| 1787 | 57 | Cr-481   | 2-cyclohexylphenyl 4-nitrobenzyl                         | n         | n  | n        | - | - | - | - | - | - |
| 1788 | 57 | Cr-464   | 4-cyclohexylphenyl 4-nitrobenzyl                         | n         | n  | n        | - | - | - | - | - | - |
| 1789 | 57 | Cr-1010  | 2, 4-dibromo-6-nitro-phenyl phenyl                       | 7         | 17 | <u>7</u> | - | - | - | - | - | - |
| 1790 | 57 | Cr-689   | 2, 4-dibromophenyl 2, 4-dinitrophenyl                    | n         | n  | n        | - | - | - | - | - | - |
| 1791 | 57 | Cr-706   | 2, 4-dibromophenyl 4-nitrobenzyl                         | n         | n  | n        | - | - | - | - | - | - |
| 1792 | 57 | Cr-790   | 2, 4-dibromophenyl 2-nitrophenyl                         | n         | n  | n        | - | - | - | - | - | - |
| 1793 | 57 | Cr-708   | 2, 4-dibromophenyl 4-nitrophenyl                         | n         | n  | n        | - | - | - | - | - | - |
| 1794 | 57 | ER-44    | 4, 4'-dichlorobenzhydriyl hexadecyl                      | n         | -  | n        | - | - | - | - | - | - |
| 1795 | 57 | ER-70    | 4, 4'-dichlorobenzhydriyl pentachlorophenoxyethyl        | n         | -  | n        | - | - | - | - | - | - |
| 1796 | 46 | 189      | dichlorodiethyl  | -         | -  | n        | - | - | - | - | - | - |
| 1797 | 54 |          | $\beta, \beta$ -dichlorodiisopropyl                      | n         | n  | n        | - | - | - | - | - | - |
| 1798 | 46 | 18       | 2-(2, 4-dichlorophenoxy) ethyl 2-chloroethyl             | n         | n  | n        | - | - | - | - | - | - |
| 1799 | 58 | O-31-C   | di(x-chlorophenyl)                                       | 13        | 13 | n        | - | - | - | - | - | - |
| 1800 | 57 | Q-85     | 2, 4-dichlorophenyl 4-chlorobut-2-enyl                   | n         | n  | n        | - | - | - | - | - | - |
| 1801 | 57 | Q-90     | 2, 4-dichlorophenyl 4-chlorobutyl                        | n         | n  | n        | - | - | - | - | - | - |
| 1802 | 46 | 325      | 2, 4-dichlorophenyl [2-(1-dimethylamino) propyl]         | n         | n  | n        | - | - | - | - | - | - |
| 1803 | 57 | Cr-783   | 2, 4-dichlorophenyl 2, 4, 6-trichlorophenyl              | n         | n  | n        | - | - | - | - | - | - |
| 1804 | 57 | Cr-718   | p-(1, 1-dimethylpropyl)-o-nitrophenyl 2, 4-dinitrophenyl | n         | n  | n        | - | - | - | - | - | - |
| 1805 | 57 | Cr-721   | p-(1, 1-dimethylpropyl)-o-nitrophenyl 2-methylallyl      | n         | n  | n        | - | - | - | - | - | - |
| 1806 | 57 | Cr-970   | 2, 4-dinitrophenyl x, x-dipentylphenyl                   | n         | n  | n        | - | - | - | - | - | - |

| Rept. No. | Subm. No. | Code No. | Name of Chemical  | Concentration in ppm |               |    |     |   |    |     |   |    |
|-----------|-----------|----------|---|----------------------|---------------|----|-----|---|----|-----|---|----|
|           |           |          |   | 5.0                  |               |    | 1.0 |   |    | 0.1 |   |    |
|           |           |          |   | T                    | B             | SL | T   | B | SL | T   | B | SL |
| 1807      | 57        | Cr-263   | Ether, 2,4-dinitrophenyl ethyl  | 7                    | 2             | n  | -   | - | -  | -   | - | -  |
| 1808      | 57        | Cr-856   | 2,4-dinitrophenyl <u>o</u> -(2-methylallyl)phenyl                         | 12                   | 3             | n  | -   | - | -  | -   | - | -  |
| 1809      | 57        | Cr-736   | 2,4-dinitrophenyl <u>x</u> -(1-methylheptyl)phenyl                        | n                    | n             | n  | -   | - | -  | -   | - | -  |
| 1810      | 57        | Cr-259   | 2,4-dinitrophenyl 2-nitrophenyl   | 3                    | 11            | 10 | -   | - | -  | -   | - | -  |
| 1811      | 57        | Cr-258   | 2,4-dinitrophenyl 4-nitrophenyl   | 3                    | 4             | 13 | -   | - | -  | -   | - | -  |
| 1812      | 25        | 508, 469 | 2,4-dinitrophenyl phenyl  | 13                   | 5             | 13 | -   | - | -  | -   | - | -  |
| 1813      | 57        | Cr-989   | <u>x, x</u> -dipentyl- <u>x</u> -nitrophenyl 2-methylallyl                | n                    | n             | n  | -   | - | -  | -   | - | -  |
| 1814      | 57        | Cr-971   | <u>x, x</u> -dipentylphenyl 4-nitrophenyl                                 | n                    | n             | n  | -   | - | -  | -   | - | -  |
| 1815      | 25        | 105, 140 | diphenylmethyl methyl   | n                    | n             | n  | -   | - | -  | -   | - | -  |
| 1816      | 58        | O-4764   | distyryl cresyl   | 13                   | 13            | 13 | -   | - | -  | -   | - | -  |
| 1817      | 35        |          | glycidyl phenyl   | n                    | n             | n  | -   | - | -  | -   | - | -  |
| 1818      | 54        |          | glycidyl 2,4,5-trichlorophenyl  | 14                   | $\frac{1}{2}$ | 14 | -   | - | -  | -   | - | -  |
| 1819      | 63        | O-4283   | 3-(3-hydroxypropoxy)propyl 3-methoxypropyl;<br>benzenesulfonic acid ester | -                    | -             | n  | -   | - | -  | -   | - | -  |
| 1820      | 46        | 329      | 2-isopropyl-4-chloro-5-methylphenyl 4-chlorobenzyl                        | n                    | n             | n  | -   | - | -  | -   | - | -  |
| 1821      | 57        | Cr-891   | 2-methylallyl 2-(2-methylallyl)phenyl                                     | n                    | n             | n  | -   | - | -  | -   | - | -  |
| 1822      | 57        | Cr-998   | 2-methylallyl 2-(1-methylheptyl)phenyl                                    | n                    | 13            | n  | -   | - | -  | -   | - | -  |
| 1823      | 57        | Cr-651   | 2-methylallyl 2-nitrophenyl   | n                    | n             | n  | -   | - | -  | -   | - | -  |
| 1824      | 57        | Cr-300   | 2-methylallyl 4-nitrophenyl   | n                    | n             | n  | -   | - | -  | -   | - | -  |
| 1825      | 57        | Cr-654   | 2-methylallyl 2-nitro-4-(1,1,3,3-tetramethylbutyl)<br>phenyl              | n                    | n             | n  | -   | - | -  | -   | - | -  |
| 1826      | 57        | Cr-990   | 2-methylallyl 4-(1,1,3,3-tetramethylbutyl)phenyl                          | n                    | n             | n  | -   | - | -  | -   | - | -  |
| 1827      | 57        | Cr-796   | 2-(1-methylheptyl)phenyl 4-nitrophenyl                                    | n                    | n             | n  | -   | - | -  | -   | - | -  |
| 1828      | 57        | Cr-237   | <u>a</u> -naphthylmethyl phenyl   | n                    | n             | n  | -   | - | -  | -   | - | -  |
| 1829      | 57        | Cr-216   | <u>a</u> -naphthylmethyl <u>x</u> -(1,1,3,3-tetramethylbutyl)phenyl       | n                    | n             | n  | -   | - | -  | -   | - | -  |
| 1830      | 57        | Cr-202   | <u><math>\beta</math></u> -naphthyl <u>p</u> -nitrobenzyl                 | n                    | n             | n  | -   | - | -  | -   | - | -  |
| 1831      | 57        | Cr-293   | 4-nitrobenzyl 2,4-dinitro-6-methylphenyl                                  | n                    | n             | n  | -   | - | -  | -   | - | -  |
| 1832      | 57        | Cr-201   | 4-nitrobenzyl 2-nitrophenyl   | n                    | n             | n  | -   | - | -  | -   | - | -  |
| 1833      | 57        | Cr-197   | 4-nitrobenzyl 4-nitrophenyl   | n                    | n             | n  | -   | - | -  | -   | - | -  |
| 1834      | 57        | Cr-193   | 4-nitrobenzyl phenyl  | n                    | n             | n  | -   | - | -  | -   | - | -  |
| 1835      | 57        | Cr-218   | 4-nitrobenzyl <u>m</u> -tolyl   | n                    | n             | n  | -   | - | -  | -   | - | -  |
| 1836      | 57        | Cr-285   | 4-nitrobenzyl <u>o</u> -tolyl   | n                    | n             | n  | -   | - | -  | -   | - | -  |
| 1837      | 57        | Cr-284   | 4-nitrobenzyl <u>p</u> -tolyl   | n                    | n             | n  | -   | - | -  | -   | - | -  |
| 1838      | 57        | Cr-277   | <u>p</u> -nitrobenzyl <u>p</u> -(1,1,3,3-tetramethylbutyl)phenyl          | n                    | n             | n  | -   | - | -  | -   | - | -  |
| 1839      | 57        | Cr-235   | 3-nitro-4-methoxybenzyl phenyl  | n                    | n             | n  | -   | - | -  | -   | - | -  |
| 1840      | 57        | Cr-222   | 4-nitrophenyl <u><math>\beta</math></u> -tetrahydronaphthylmethyl         | n                    | n             | n  | -   | - | -  | -   | - | -  |

|      |    |         |  |    |    |    |   |   |    |   |   |   |
|------|----|---------|--|----|----|----|---|---|----|---|---|---|
| 1841 | 57 | Cr-257  | Ether, 2-phenoxyethyl phenyl   | n  | n  | n  | - | - | -  | - | - | - |
| 1842 | 57 | Cr-809  | phenyl 4-(1,1,3,3-tetramethylbutyl) phenyl   | n  | n  | n  | - | - | -  | - | - | - |
| 1843 | 25 | 800,255 |  |    |    |    |   |   |    |   |   |   |
|      |    | -12     | Ethylamine, 2-bromo-; hydrobromide   | n  | n  | n  | - | - | -  | - | - | - |
| 1844 | 46 | 310     | 2-chloro- <u>N,N</u> -dimethyl-; hydrochloride                                     | n  | n  | n  | - | - | -  | - | - | - |
| 1845 | 57 | Cr-1233 | Ethylarsonic acid  | n  | n  | n  | - | - | -  | - | - | - |
| 1846 | 25 | 101,943 | Ethyl borate, tri-   | n  | n  | n  | - | - | -  | - | - | - |
| 1847 | 56 | NP-602  | Ethylene, 1,1-bis( <u>p</u> -chlorophenyl)-2,2-dichloro-                           | n  | n  | n  | - | - | -  | - | - | - |
| 1848 | 57 | ER-39   | 1,1-bis(4-chlorophenyl)-2- <u>N</u> -morpholino-                                   | n  | n  | n  | - | - | -  | - | - | - |
| 1849 | 57 | FW-110  | 1,1-bis( <u>p</u> -tolyl)-   | n  | n  | n  | - | - | -  | - | - | - |
| 1850 | 49 |         | 1-(2,4,6-trinitrophenyl)-2-furyl-  | 2  | 2  | 3  | 2 | 2 | 13 | 2 | 5 | n |
| 1851 | 57 | Cr-899  | Ethylenediamine; dihydrochloride   | n  | -  | n  | - | - | -  | - | - | - |
| 1852 | 46 | 47      | <u>N,N'</u> -bis( <u>m</u> -chlorophenyl)-2,2,2-trichloro-                         | ?  | 4  | n  | - | - | -  | - | - | - |
| 1853 | 46 | 46      | <u>N,N'</u> -bis( <u>o</u> -chlorophenyl)-2,2,2-trichloro-                         | n  | n  | n  | - | - | -  | - | - | - |
| 1854 | 57 | Lo-655  | <u>N,N'</u> -bis(2,4-dinitrophenyl)- <u>N,N'</u> -diisononyl-                      | n  | n  | n  | - | - | -  | - | - | - |
| 1855 | 57 | SM-19   | <u>N,N'</u> -bis[dithiocarbo(2-cyclohexanyloxy)]-                                  | n  | n  | n  | - | - | -  | - | - | - |
| 1856 | 57 | O-2301  | <u>N,N'</u> -bis(2-ethylhexyl)-  | 4  | 4  | 14 | - | - | -  | - | - | - |
| 1857 | 57 | V-318   | cadmium (II) bromide complex   | 3  | 4  | 13 | - | - | -  | - | - | - |
| 1858 | 57 | V-315   | cobalt (II) chloride complex   | 2  | 12 | 12 | - | - | -  | - | - | - |
| 1859 | 57 | Cr-931  | <u>N,N'</u> -bis(2-methylallyl)-   | n  | n  | n  | - | - | -  | - | - | - |
| 1860 | 46 | 45      | <u>N,N'</u> -bis( <u>o</u> -tolyl)-2,2,2-trichloro-                                | n  | n  | n  | - | - | -  | - | - | - |
| 1861 | 57 | SM-541  | <u>N</u> -cyclohexyl-  | n  | n  | n  | - | - | -  | - | - | - |
| 1862 | 26 | EC 1352 | dibenzyl-; diacetate   | n  | n  | n  | - | - | -  | - | - | - |
| 1863 | 57 | V-173   | <u>N,N'</u> -di(2-ethylhexyl)-; copper (II) acetate complex                        | 4  | n  | n  | - | - | -  | - | - | - |
| 1864 | 57 | V-164   | zinc chloride complex  | 1  | 4  | 14 | - | - | -  | - | - | - |
| 1865 | 57 | V-155   | <u>N,N'</u> -diisooctyl-; nickel chloride salt                                     | 1  | 4  | 14 | - | - | -  | - | - | - |
| 1866 | 57 | Lo-761  | <u>N,N'</u> -dimethyl-; dihydrochloride  | n  | n  | n  | - | - | -  | - | - | - |
| 1867 | 57 | V-69    | <u>N,N'</u> -dinonyl-; copper (II) acetate complex                                 | 2  | 14 | 14 | - | - | -  | - | - | - |
| 1868 | 57 | V-54    | di- $\beta$ -naphthalenesulfonic acid salt   | 2  | 13 | 13 | - | - | -  | - | - | - |
| 1869 | 57 | V-58    | dipicrate  | 2  | 9  | 14 | - | - | -  | - | - | - |
| 1870 | 57 | V-52    | di- <u>p</u> -toluenesulfonic acid salt  | 3  | 14 | n  | - | - | -  | - | - | - |
| 1871 | 57 | V-66    | mono nonanoate (D-1)   | 4  | 12 | 12 | - | - | -  | - | - | - |
| 1872 | 57 | Lo-644  | <u>N,N'</u> -dinonyl- <u>N,N'</u> -di( $\gamma,\gamma,\gamma$ -trichlorocrotonyl)- | n  | n  | n  | - | - | -  | - | - | - |
| 1873 | 19 |         | <u>N</u> -dodecyl-; dihydrochloride  | 2  | -  | 9  | - | - | -  | - | - | - |
| 1874 | 57 | V-324   | <u>N-n</u> -hexyl-   | n  | n  | n  | - | - | -  | - | - | - |
| 1875 | 46 | 218     | <u>N-1</u> -naphthyl-; dihydrochloride   | -  | -  | n  | - | - | -  | - | - | - |
| 1876 | 57 | V-321   | <u>N,N,N',N'</u> -tetra-butyl-; zinc chloride complex                              | 14 | 4  | 14 | - | - | -  | - | - | - |
| 1877 | 46 | 261     | Ethylene glycol  | -  | -  | n  | - | - | -  | - | - | - |
| 1878 | 25 | 906,697 | bis( <u>m</u> -chlorocarbanilate)  | n  | n  | n  | - | - | -  | - | - | - |

| Rept. No. | Subm. No. | Subm. Code No. | Name of Chemical   | Concentration in ppm |    |    |     |   |    |     |   |    |
|-----------|-----------|----------------|--|----------------------|----|----|-----|---|----|-----|---|----|
|           |           |                |  | 5.0                  |    |    | 1.0 |   |    | 0.1 |   |    |
|           |           |                |  | T                    | B  | SL | T   | B | SL | T   | B | SL |
| 1879      | 63        | O-3383         | Ethylene glycol; kerylbenzyl ether   | -                    | -  | n  | -   | - | -  | -   | - | -  |
| 1880      | 63        | O-2288         |  |                      |    |    |     |   |    |     |   |    |
|           |           | -C             | monoethyl ether, benzenesulfonic acid ester  | -                    | -  | n  | -   | - | -  | -   | - | -  |
| 1881      | 46        | 3              | 1,2-di-(p-chlorophenyl)-   | n                    | n  | n  | -   | - | -  | -   | - | -  |
| 1882      | 56        | NP-1385        | Ethyleneimine, methyl-   | n                    | n  | n  | -   | - | -  | -   | - | -  |
| 1883      | 25        | 402, 903       | Ethylphosphochloridate; di-  | n                    | n  | n  | -   | - | -  | -   | - | -  |
| 1884      | 57        | WC-60          | Ethylphosphonic acid, $\beta$ -( $\beta$ -hydroxyethyl) diethoxy-;<br>di-n-butyl ester | n                    | n  | n  | -   | - | -  | -   | - | -  |
| 1885      | 25        | 402, 913       | Ethylphosphorothionate acid; tri-  | n                    | n  | n  | -   | - | -  | -   | - | -  |
| 1886      | 25        | 100, 256       | Eugenol  | n                    | 9  | n  | -   | - | -  | -   | - | -  |
| 1887      | 25        | 106, 368       | dl-Fencholic acid  | n                    | n  | n  | -   | - | -  | -   | - | -  |
| 1888      | 50        |                | Fermete  | 12                   | 12 | 12 | -   | - | -  | -   | - | -  |
| 1889      | 25        | 105, 669       | Ferulic acid   | n                    | n  | n  | -   | - | -  | -   | - | -  |
| 1890      |           |                | 2'-Flavanol, 2,4,4,4',7-pentamethyl-   | 7                    | 2  | 9  | -   | - | -  | -   | - | -  |
| 1891      | 9         |                | Fluophosphoric acids; pyridinium salt  | n                    | n  | n  | -   | - | -  | -   | - | -  |
| 1892      | 9         |                | sodium salt  | n                    | n  | n  | -   | - | -  | -   | - | -  |
| 1893      | 25        | 000, 435       | Fluoranthene   | -                    | -  | n  | -   | - | -  | -   | - | -  |
| 1894      | 25        | 000, 137       | Fluorene   | -                    | -  | n  | -   | - | -  | -   | - | -  |
| 1895      | 57        | WC-43          | 2-(N'-tert-butylthiouryl)-1,4-endomethylene-<br>1,2,3,4,4a,9a-hexahydro-               | n                    | n  | n  | -   | - | -  | -   | - | -  |
| 1896      | 57        | Q-176          | 10,10-dimethoxy-6,9-endomethylene-6,7,8,9-<br>tetrachloro-5a,6,9,9a-tetrahydro-        | n                    | n  | n  | -   | - | -  | -   | - | -  |
| 1897      | 6         |                | Fluosilicic acid; ammonium salt  | n                    | n  | n  | -   | - | -  | -   | - | -  |
| 1898      | 6         |                | diisopropylamine salt  | n                    | n  | n  | -   | - | -  | -   | - | -  |
| 1899      | 6         |                | triethanolamine salt   | n                    | n  | n  | -   | - | -  | -   | - | -  |
| 1900      | 57        | SM-352         | Formaldehyde; benzyl phenyl acetal   | n                    | n  | n  | -   | - | -  | -   | - | -  |
| 1901      | 57        | SM-328         | dibenzyl acetal  | n                    | n  | n  | -   | - | -  | -   | - | -  |
| 1902      | 57        | SM-349         | di(2-p-chlorophenoxyethyl) acetal  | n                    | n  | n  | -   | - | -  | -   | - | -  |
| 1903      | 57        | SM-156         | Formamide, N-benzhydryl-   | -                    | -  | n  | -   | - | -  | -   | - | -  |
| 1904      | 57        | SM-371         | Formamidine, N,N'-diphenyl-  | -                    | -  | n  | -   | - | -  | -   | - | -  |
| 1905      | 57        | Q-141          | Formic acid, azodi-; diethyl ester   | n                    | n  | n  | -   | - | -  | -   | - | -  |

|      |    |         |  |           |    |           |   |   |   |   |   |   |
|------|----|---------|--|-----------|----|-----------|---|---|---|---|---|---|
| 1906 | 25 | 402,626 | Formic acid, chloro-; hexyl ester                    | n         | n  | n         | - | - | - | - | - | - |
| 1907 | 25 | Y00,059 | Formylkorper   | n         | n  | n         | - | - | - | - | - | - |
| 1908 | 25 | 402,137 | Fumaric acid; bis(2-chloroethyl) ester               | 5         | 13 | <u>13</u> | - | - | - | - | - | - |
| 1909 |    |         | dimethyl ester                                       | -         | -  | n         | - | - | - | - | - | - |
| 1910 | 25 | 101,480 |  |           |    |           |   |   |   |   |   |   |
|      |    | -68     | nickel (II) salt, pentahydrate                       | n         | n  | n         | - | - | - | - | - | - |
| 1911 | 25 | 400,475 | 4-chloro- <u>o</u> -tolylloxy-                       | n         | -  | n         | - | - | - | - | - | - |
| 1912 | 25 | 510,346 | 2-Furaldehyde; azine                                 | 10        | n  | n         | - | - | - | - | - | - |
| 1913 | 19 |         | oxime (mostly a)                                     | n         | -  | n         | - | - | - | - | - | - |
| 1914 | 25 | 503,239 | 5-nitro-; semioxamazone                              | 11        | -  | n         | - | - | - | - | - | - |
| 1915 | 25 | 104,128 | Furan, 2-(benzyloxymethyl) -                         | n         | n  | n         | - | - | - | - | - | - |
| 1916 | 25 | 402,026 | 3-bromo-2-( <u>p</u> -methoxyphenyl) -4, 5-diphenyl- | n         | n  | n         | - | - | - | - | - | - |
| 1917 | 25 | 401,978 | 2-(chloromethyl) tetrahydro-                         | n         | n  | n         | - | - | - | - | - | - |
| 1918 | 25 | 104,134 | 2-[(cinnamyloxy) methyl]-                            | <u>13</u> | n  | n         | - | - | - | - | - | - |
| 1919 | 39 | CS-944  | 2-(2-nitrovinyl) -                                   | <u>1</u>  | 2  | 10        | - | - | - | - | - | - |
| 1920 | 25 | 100,408 | tetrahydro-  | n         | n  | n         | - | - | - | - | - | - |
| 1921 | 58 | O-5884  | 2-Furanacrylic acid; benzyl ester                    | 13        | n  | n         | - | - | - | - | - | - |
| 1922 | 58 | O-5865  | 2-ethylbutyl ester                                   | 13        | n  | n         | - | - | - | - | - | - |
| 1923 | 25 | 501,105 | 5-nitroethyl ester                                   | 2         | 5  | 13        | - | - | - | - | - | - |
| 1924 | 57 | ER-131  | 2-Furanglyconitrile; crotonate                       | 3         | -  | <u>14</u> | - | - | - | - | - | - |
| 1925 | 25 | 502,067 | 2-Furanilide   | n         | n  | n         | - | - | - | - | - | - |
| 1926 | 25 | 104,833 | 2-Furanpropionic acid, $\beta$ -oxo-; ethyl ester    | n         | n  | n         | - | - | - | - | - | - |
| 1927 | 54 |         | Furfuryl alcohol; carbanilate                        | 14        | -  | n         | - | - | - | - | - | - |
| 1928 | 46 | 156     | tetrahydro-  | -         | -  | n         | - | - | - | - | - | - |
| 1929 | 46 | 65      | Furil  | n         | n  | n         | - | - | - | - | - | - |
| 1930 | 25 | 507,209 | 2-Furoic acid; 2-diethylaminoethyl ester             | n         | n  | n         | - | - | - | - | - | - |
| 1931 | 57 | Cr-86   | iron (III) salt                                      | n         | n  | n         | - | - | - | - | - | - |
| 1932 | 57 | Q-77    | <u>n</u> -octyl ester                                | <u>1</u>  | n  | <u>1</u>  | - | - | - | - | - | - |
| 1933 | 57 | Q-83    | 3-chloro-; octyl ester                               | n         | n  | n         | - | - | - | - | - | - |

| Rept. No. | Subm. No. | Subm. Code No. | Name of Chemical   | Concentration in ppm |   |    |     |   |    |     |   |    |   |   |   |
|-----------|-----------|----------------|--|----------------------|---|----|-----|---|----|-----|---|----|---|---|---|
|           |           |                |  | 5.0                  |   |    | 1.0 |   |    | 0.1 |   |    |   |   |   |
|           |           |                |  | T                    | B | SL | T   | B | SL | T   | B | SL |   |   |   |
| 1934      | 25        | 102,371        |  |                      |   |    |     |   |    |     |   |    |   |   |   |
|           |           | -65            | Gentisic acid; sodium salt   | n                    | n | n  | -   | - | -  | -   | - | -  | - | - | - |
| 1935      | 46        | 118            | Gluconic acid; <u>D</u>  | n                    | n | n  | -   | - | -  | -   | - | -  | - | - | - |
| 1936      | 25        | 103,646        |  |                      |   |    |     |   |    |     |   |    |   |   |   |
|           |           | -54            | calcium salt   | n                    | n | n  | -   | - | -  | -   | - | -  | - | - | - |
| 1937      | 25        | 501,051        | $\alpha$ (and $\beta$ )- <u>D</u> -Glucose; pentacarbanilate   | n                    | n | n  | -   | - | -  | -   | - | -  | - | - | - |
| 1938      | 25        | 501,801        | Glutamic acid, <u>N</u> -[ <u>p</u> -(5-amino-7-hydroxy-2 <u>H</u> - <u>y</u> -triazolo [ <u>d</u> ]pyrimid-2-yl)benzoyl]-; <u>L</u> | n                    | n | n  | -   | - | -  | -   | - | -  | - | - | - |
| 1939      | 25        | 501,802        | <u>N</u> -[ <u>p</u> -(2,4-diamino-6-hydroxy-5-pyrimidylazo)benzoyl]-; <u>L</u>  | n                    | n | n  | -   | - | -  | -   | - | -  | - | - | - |
| 1940      | 47        |                | 2-methyl-; <u>dl</u> -   | n                    | n | n  | -   | - | -  | -   | - | -  | - | - | - |
| 1941      | 25        | 501,797        | <u>N</u> -( <u>m</u> -nitrobenzoyl)-; <u>L</u>   | n                    | n | n  | -   | - | -  | -   | - | -  | - | - | - |
| 1942      | 25        | 507,196        | Glutaramide, 2,4-dicyano-3-methyl-   | n                    | n | n  | -   | - | -  | -   | - | -  | - | - | - |
| 1943      | 25        | 106,599        | Glutaric acid, 3,3-dimethyl-   | n                    | n | n  | -   | - | -  | -   | - | -  | - | - | - |
| 1944      | 57        | SM-17          | 3-methyl-; diethyl ester   | n                    | n | n  | -   | - | -  | -   | - | -  | - | - | - |
| 1945      | 57        | Q-121          | Glutaronitrile, 3-trichloromethyl-   | n                    | n | n  | -   | - | -  | -   | - | -  | - | - | - |
| 1946      | 46        | 283            | Glycine  | -                    | - | n  | -   | - | -  | -   | - | -  | - | - | - |
| 1947      | 25        | 904,284        | <u>N</u> -( <u>d</u> -10-camphorylsulfonyl)- $\alpha$ -phenyl-   | n                    | n | n  | -   | - | -  | -   | - | -  | - | - | - |
| 1948      | 57        | SM-76          | <u>N</u> , <u>N</u> -di(2-hydroxyethyl)-   | n                    | n | n  | -   | - | -  | -   | - | -  | - | - | - |
| 1949      | 25        | 501,243        | Glycocyamine   | n                    | n | n  | -   | - | -  | -   | - | -  | - | - | - |
| 1950      | 58        | O-4723         |  |                      |   |    |     |   |    |     |   |    |   |   |   |
|           |           | -a             | Glycol; alkyl benzyl ethers  | n                    | n | n  | -   | - | -  | -   | - | -  | - | - | - |
| 1951      | 54        |                | Glycolic acid  | n                    | n | n  | -   | - | -  | -   | - | -  | - | - | - |
| 1952      | 25        | 101,774        | butyl carbonate, <u>sec</u> -butyl ester   | n                    | n | n  | -   | - | -  | -   | - | -  | - | - | - |
| 1953      | 25        | 102,620        | 2-ethylhexyl ester   | n                    | n | n  | -   | - | -  | -   | - | -  | - | - | - |
| 1954      | 25        | 103,445        | isobutyl ester, hydrogen carbonate, diester with diethylene glycol   | n                    | n | n  | -   | - | -  | -   | - | -  | - | - | - |
| 1955      | 57        | Lo-156         | 2-benzothiazylthio-  | n                    | n | n  | -   | - | -  | -   | - | -  | - | - | - |
| 1956      | 25        | 510,341        | Guaiacol, 4-nitro-   | n                    | n | n  | -   | - | -  | -   | - | -  | - | - | - |
| 1957      | 25        | 800,115        |  |                      |   |    |     |   |    |     |   |    |   |   |   |
|           |           | -A2            | Guanidine; complex with $\frac{1}{2}$ f. wt. fluosilicic acid  | n                    | n | n  | -   | - | -  | -   | - | -  | - | - | - |
| 1958      | 25        | 800,118        |  |                      |   |    |     |   |    |     |   |    |   |   |   |
|           |           | -61            | 1,3-dicyano-; monopotassium derivative potassium salt  | n                    | n | n  | -   | - | -  | -   | - | -  | - | - | - |
| 1959      | 54        |                | potassium salt   | n                    | n | n  | -   | - | -  | -   | - | -  | - | - | - |
| 1960      | 46        | 300            | diphenyl-  | -                    | - | n  | -   | - | -  | -   | - | -  | - | - | - |
| 1961      | 25        | 800,144-12     | dodecyl-; monohydrobromide   | 2                    | 2 | 9  | -   | - | -  | -   | - | -  | - | - | - |

|      |    |         |   |   |    |    |   |   |   |   |   |   |
|------|----|---------|---|---|----|----|---|---|---|---|---|---|
| 1962 | 25 | 5K0-102 | Guanidine, 1-phenyl-; stearate              | n | n  | n  | - | - | - | - | - | - |
| 1963 | 67 |         | Heliotrine                                  | n | n  | n  | - | - | - | - | - | - |
| 1964 | 67 |         | Heliotrine-N-oxide                          | n | n  | n  | - | - | - | - | - | - |
| 1965 | 46 | 281     | Hematoxylin                                 | - | -  | n  | - | - | - | - | - | - |
| 1966 | 25 | 106,998 | 4,6-Hendecanedione, 3-ethyl-                | n | n  | n  | - | - | - | - | - | - |
| 1967 | 25 | 102,771 | Hendecanoic acid                            | n | n  | n  | - | - | - | - | - | - |
| 1968 | 57 | SM-382  | di-; bis(dimethylbutynylammonium) salt      | - | -  | n  | - | - | - | - | - | - |
| 1969 | 25 | 105,996 | 6-Hendecanol, 6-amyl-                       | n | n  | n  | - | - | - | - | - | - |
| 1970 | 46 | 38      | x-Hendecenoic acid; p-chlorobenzyl ester    | n | n  | n  | - | - | - | - | - | - |
| 1971 | 25 | 105,930 |   |   |    |    |   |   |   |   |   |   |
|      |    | -68     | 9-Hendecenoic acid; nickel (II) salt        | n | n  | n  | - | - | - | - | - | - |
| 1972 | 25 | 100,359 | 10-Hendecenoic acid                         | n | n  | n  | - | - | - | - | - | - |
| 1973 | 25 | 105,388 | butyl ester                                 | n | n  | n  | - | - | - | - | - | - |
| 1974 | 25 | 103,276 | methyl ester                                | n | n  | n  | - | - | - | - | - | - |
| 1975 | 25 | 100,359 |   |   |    |    |   |   |   |   |   |   |
|      |    | -65     | sodium salt                                 | n | n  | n  | - | - | - | - | - | - |
| 1976 | 25 | 100,359 |   |   |    |    |   |   |   |   |   |   |
|      |    | -74     | zinc salt                                   | n | n  | n  | - | - | - | - | - | - |
| 1977 | 25 | 800,063 | Hendecylamine                               | 8 | 12 | 12 | - | - | - | - | - | - |
| 1978 | 60 |         | Heptachlor (technical)                      | 6 | -  | n  | - | - | - | - | - | - |
| 1979 | 60 |         | Heptachlor 2E                               | 4 | 13 | n  | - | - | - | - | - | - |
| 1980 | 57 | SM-394  | 2,6-Heptadienamide, N-isobutyl-             | - | -  | n  | - | - | - | - | - | - |
| 1981 | 57 | SM-427  | 2,6-Heptadienoic acid, 6-methyl-            | n | n  | n  | - | - | - | - | - | - |
| 1982 | 25 | 100,512 | Heptanal                                    | n | n  | n  | - | - | - | - | - | - |
| 1983 | 25 | 501,125 | Heptanedinitrile, 4-acetyl-4-methyl-        | - | -  | n  | - | - | - | - | - | - |
| 1984 | 25 | 508,484 | 4-acetyl-4-phenyl-                          | - | -  | n  | - | - | - | - | - | - |
| 1985 | 25 | 106,635 | Heptanedioic acid, 4-acetyl-4-phenyl-       | - | -  | n  | - | - | - | - | - | - |
| 1986 | 25 | 402,649 | 1,7-Heptanedione, 2,6-dibromo-1,7-diphenyl- | n | n  | n  | - | - | - | - | - | - |
| 1987 | 49 |         | 2,4-Heptanedione                            | n | n  | n  | - | - | - | - | - | - |
| 1988 | 25 | 101,495 | Heptanoic acid                              | n | n  | n  | - | - | - | - | - | - |
| 1989 | 58 | O-5945  | 2-Heptanol, 1-phenyl-3-ethyl-               | n | 5  | n  | - | - | - | - | - | - |
| 1990 | 25 | 106,613 | 4-Heptanone, 2,3,6-trimethyl-               | n | n  | n  | - | - | - | - | - | - |
| 1991 | 57 | WC-121  | 2,6-Heptenal                                | n | n  | n  | - | - | - | - | - | - |
| 1992 | 25 | 100,317 | 5-Hepten-2-one, 6-methyl-                   | n | n  | n  | - | - | - | - | - | - |
| 1993 | 25 | 102,379 | Heptyl alcohol                              | n | n  | n  | - | - | - | - | - | - |



| Rept. No. | Subm. No. | Subm. Code No. | Name of Chemical  | Concentration in ppm |   |    |     |   |    |     |   |    |
|-----------|-----------|----------------|---|----------------------|---|----|-----|---|----|-----|---|----|
|           |           |                |   | 5.0                  |   |    | 1.0 |   |    | 0.1 |   |    |
|           |           |                |   | T                    | B | SL | T   | B | SL | T   | B | SL |
| 1994      | 57        | Mr-4           | 2-Heptyne, 4-chloro-1-dimethylamino-5-ethyl-  | n                    | n | n  | -   | - | -  | -   | - | -  |
| 1995      | 57        | SM-282         | 1-dimethylamino-5-ethyl-4-hydroxy-  | n                    | n | n  | -   | - | -  | -   | - | -  |
| 1996      | 25        | 403,154        | Hexadecanoic acid, 2-bromo-   | -                    | - | n  | -   | - | -  | -   | - | -  |
| 1997      | 57        | Q-239          | 1-Hexadecene; with Cl <sub>3</sub> CSCI, reaction product   | n                    | n | n  | -   | - | -  | -   | - | -  |
| 1998      | 25        | 001,078        | 1,5-Hexadiene, 1,1,6,6-tetraphenyl-   | n                    | n | n  | -   | - | -  | -   | - | -  |
| 1999      | 25        | 102,777        | 3,5-Hexadienoic acid, 2-oxo-6-phenyl-   | n                    | n | n  | -   | - | -  | -   | - | -  |
| 2000      | 57        | Cr-1111        | Hexamethylenetetramine; salicylate  | n                    | n | n  | -   | - | -  | -   | - | -  |
| 2001      | 56        | NP-1338        | Hexamethylenetetramine-benzyl chloride complex  | n                    | n | n  | -   | - | -  | -   | - | -  |
| 2002      | 25        | 801,585        | -A1 1,6-Hexanediamine; complex with 1 f. wt. fluosilicic acid   | n                    | n | n  | -   | - | -  | -   | - | -  |
| 2003      | 25        | 403,638        | Hexanedioic acid, octafluoro-   | n                    | n | n  | -   | - | -  | -   | - | -  |
| 2004      | 25        | 100,249        | 1,3-Hexanediol, 2-ethyl-  | n                    | n | n  | -   | - | -  | -   | - | -  |
| 2005      | 25        | 106,986        | 1,3-Hexanedione, 1-phenyl-  | n                    | n | n  | -   | - | -  | -   | - | -  |
| 2006      | 49        |                | 2,4-Hexanedione; nickel complex   | n                    | n | n  | -   | - | -  | -   | - | -  |
| 2007      | 49        |                | 5-methyl-   | n                    | n | n  | -   | - | -  | -   | - | -  |
| 2008      | 25        | 510,563        | Hexanoic acid, 2-ethyl-; ester with lactanilide   | n                    | n | n  | -   | - | -  | -   | - | -  |
| 2009      | 25        | 510,567        | triester with <u>N,N</u> -bis(2-hydroxypropyl) lactamide  | n                    | n | n  | -   | - | -  | -   | - | -  |
| 2010      | 25        | 508,908        | 2-oxo-; oxime   | n                    | n | n  | -   | - | -  | -   | - | -  |
| 2011      |           |                | 3,5,5-trimethyl-  | n                    | n | n  | -   | - | -  | -   | - | -  |
| 2012      | 25        | 101,078        | x-Hexanol   | n                    | n | n  | -   | - | -  | -   | - | -  |
| 2013      | 25        | 100,319        | 1-Hexanol, 2-ethyl-   | n                    | n | n  | -   | - | -  | -   | - | -  |
| 2014      | 25        | 106,352        | 3-Hexanol, 3,4-bis( <u>p</u> -methoxyphenyl)-   | n                    | n | n  | -   | - | -  | -   | - | -  |
| 2015      | 25        | 100,318        | 2-Hexenal, 2-ethyl-   | n                    | n | n  | -   | - | -  | -   | - | -  |
| 2016      | 57        | O-2398         | 4-Hexene, 1,1,6-trichloro-2-ethoxy-; mixture with<br>1,1,4-trichloro-2-ethoxy-5-hexene                        | -                    | - | n  | -   | - | -  | -   | - | -  |
| 2017      | 31        | 120            | 3-Hexene-2,5-dione  | 2                    | - | 14 | -   | - | -  | -   | - | -  |
| 2018      | 57        | SM-231         | 2-Hexen-1-ol, 2-ethyl-  | n                    | n | n  | -   | - | -  | -   | - | -  |
| 2019      | 57        | Cr-843         | 1,4,7,13,16,19-Hexoxa-10-thianonadecane, 1,19-bis<br>( <u>p</u> - <u>tert</u> -butyl- <u>o</u> -nitrophenyl)- | n                    | n | n  | -   | - | -  | -   | - | -  |
| 2020      | 57        | Cr-836         | 1,19-bis( <u>p</u> -chlorophenyl)-  | 12                   | n | n  | -   | - | -  | -   | - | -  |
| 2021      | 57        | Cr-842         | 1,19-bis( <u>o</u> -1-methylheptylphenyl)-  | n                    | n | n  | -   | - | -  | -   | - | -  |
| 2022      | 58        | O-8157         | -a <u>n</u> -Hexyl alcohol  | -                    | - | n  | -   | - | -  | -   | - | -  |
| 2023      | 57        | V-116          | Hexylamine, <u>N,N</u> -di(2-ethylhexylaminoethyl)-2-ethyl-   | ½                    | 3 | 9  | -   | - | -  | -   | - | -  |
| 2024      | 57        | Lo-182         | <u>n</u> -Hexylxanthic acid; carboxymethyl ester  | n                    | n | n  | -   | - | -  | -   | - | -  |

|      |    |          |  |    |    |    |   |   |   |   |   |   |
|------|----|----------|--|----|----|----|---|---|---|---|---|---|
| 2025 | 57 | Q-307    | 1-Hexyne, 3-dimethylamino-                                 | n  | n  | n  | - | - | - | - | - | - |
| 2026 | 46 | 155      | Hexynediol, dimethyl-                                      | -  | -  | n  | - | - | - | - | - | - |
| 2027 | 25 | 104, 273 | 3-Hexyne-2, 5-diol   | n  | n  | n  | - | - | - | - | - | - |
| 2028 | 56 | NP-1255  | 2, 5-diphenyl-; compound I                                 | n  | n  | n  | - | - | - | - | - | - |
| 2029 | 46 | 289      | Hippuric acid  | -  | -  | n  | - | - | - | - | - | - |
| 2030 | 46 | 271      | Hydantoic acid, 5-phenyl-(?) -thio-                        | -  | -  | n  | - | - | - | - | - | - |
| 2031 | 58 | O-11161  | <u>Hydnocarpus anthelmintica</u> , oil of                  | -  | -  | n  | - | - | - | - | - | - |
| 2032 | 58 | O-11262  | <u>Hydnocarpus galli</u> , oil of                          | -  | -  | n  | - | - | - | - | - | - |
| 2033 | 58 | O-11147  | <u>Hydnocarpus wightiana</u> acid, mixed with ethyl esters | n  | n  | n  | - | - | - | - | - | - |
| 2034 | 25 | 505, 578 | Hydratropionitrile, $\beta$ -p-toluyyl-                    | 13 | 13 | n  | - | - | - | - | - | - |
| 2035 | 49 |          | Hydrazine; hydrate   | -  | -  | n  | - | - | - | - | - | - |
| 2036 | 49 |          | sulfate  | -  | -  | n  | - | - | - | - | - | - |
| 2037 | 46 | 236      | 2, 4-dinitrophenyl-  | -  | -  | n  | - | - | - | - | - | - |
| 2038 | 25 | 802, 871 | 1-naphthyl-  | n  | n  | n  | - | - | - | - | - | - |
| 2039 | 25 | 802, 872 | 2-naphthyl-  | n  | n  | n  | - | - | - | - | - | - |
| 2040 | 46 | 290      | Hydrocinnamic acid   | -  | -  | n  | - | - | - | - | - | - |
| 2041 | 25 | 107, 025 | $\alpha$ -acetyl- $\beta$ -phenacyl-; ethyl ester          | n  | n  | n  | - | - | - | - | - | - |
| 2042 | 57 | H-114    | $\alpha$ -cyano-; ethyl ester                              | 13 | 4  | n  | - | - | - | - | - | - |
| 2043 | 25 | 400, 406 | $\alpha, \beta$ -dibromo-                                  | n  | n  | n  | - | - | - | - | - | - |
| 2044 | 25 | 500, 150 | $\beta$ -nitro- $\alpha$ -phenacyl-                        | n  | n  | n  | - | - | - | - | - | - |
| 2045 | 25 | 403, 233 | Hydrocinnamoyl chloride                                    | n  | n  | n  | - | - | - | - | - | - |
| 2046 |    |          | $\beta$ -Hydromucononitrile                                | -  | -  | n  | - | - | - | - | - | - |
| 2047 | 40 |          | Hydronopic acid (2-Norpinaneacetic acid, 6, 6-dimethyl-)   | n  | n  | n  | - | - | - | - | - | - |
| 2048 | 46 | 282      | Hydroquinone   | 4  | 6  | 14 | - | - | - | - | - | - |
| 2049 | 25 | 105, 308 | allyl-   | 5  | 5  | 13 | - | - | - | - | - | - |
| 2050 | 25 | 501, 039 | Hydrouracil, 6-amino-5-isonitroso-                         | n  | n  | n  | - | - | - | - | - | - |
| 2051 | 46 | 259      | Hydroxylamine; hydrochloride                               | 14 | n  | n  | - | - | - | - | - | - |
| 2052 | 25 | 900, 101 |  |    |    |    |   |   |   |   |   |   |
|      |    | -10      | <u>N</u> -2-thenyl-; hydrochloride                         | n  | n  | n  | - | - | - | - | - | - |

| Rept. No. | Subm. No. | Subm. Code No. | Name of Chemical  | Concentration in ppm |    |           |     |   |    |     |   |    |
|-----------|-----------|----------------|---|----------------------|----|-----------|-----|---|----|-----|---|----|
|           |           |                |   | 5.0                  |    |           | 1.0 |   |    | 0.1 |   |    |
|           |           |                |   | T                    | B  | SL        | T   | B | SL | T   | B | SL |
| 2053      | 67        |                | Ibogaine  | 14                   | n  | n         | -   | - | -  | -   | - | -  |
| 2054      | 57        | SM-365         | Imidazolidine, 1,3-dinonyl-   | 1                    | 4  | 14        | -   | - | -  | -   | - | -  |
| 2055      | 57        | SM-509         | 1,3-dinonyl-2-(2,4,4-trimethylpentyl)-  | 12                   | n  | <u>13</u> | -   | - | -  | -   | - | -  |
| 2056      | 57        | SM-485         | 1,3-diphenyl-   | -                    | -  | n         | -   | - | -  | -   | - | -  |
| 2057      | 57        | SM-370         | 1,3-diphenyl-4-methyl-  | n                    | n  | n         | -   | - | -  | -   | - | -  |
| 2058      | 25        | 800,204        | 2-Imidazolidinethione   | n                    | n  | n         | -   | - | -  | -   | - | -  |
| 2059      | 57        | Q-21           | 1-(2-hydroxy-1,1,1-trichloroethyl)-   | n                    | n  | n         | -   | - | -  | -   | - | -  |
| 2060      | 57        | SM-513         | 2-Imidazolidinone, 1,3-dinonyl-   | 12                   | 12 | n         | -   | - | -  | -   | - | -  |
| 2061      | 39        | CS-1020        | Imidazoline, 4,4-dimethyl-2-hydroxyheptadecenyl-1-isopropyl-                                  | -                    | -  | 13        | -   | - | -  | -   | - | -  |
| 2062      | 57        | O-1841         | 2-Imidazoline, 1-(2-aminoethyl)-2-(8-heptadecenyl)-   | 3                    | 5  | 13        | -   | - | -  | -   | - | -  |
| 2063      | 25        | 803,316        | 2,2'-bi-  | n                    | n  | n         | -   | - | -  | -   | - | -  |
| 2064      | 25        | 800,005        | 1-(2-butylaminoethyl)-2-hendecyl-   | 12                   | 12 | <u>12</u> | -   | - | -  | -   | - | -  |
| 2065      | 57        | Lo-77          | 2-(3,4-dichlorophenylmethylmercapto)-; hydrochloride  | 1                    | 5  | n         | -   | - | -  | -   | - | -  |
| 2066      | 39        | CS-1018        | 4,4-dimethyl-2-heptadecenyl-1-isopropyl-  | $\frac{1}{2}$        | 2  | 10        | -   | - | -  | -   | - | -  |
| 2067      | 39        | CS-1019        | 4,4-dimethyl-1-isopropyl-2-nonyl-   | $\frac{1}{2}$        | 1  | 10        | -   | - | -  | -   | - | -  |
| 2068      | 39        | CS-657         | 4,4-dimethyl-1-isopropyl-2-undecyl-   | 2                    | 10 | 12        | -   | - | -  | -   | - | -  |
| 2069      | 31        | 332            | Imidazolone, 4,5-diphenyl-  | -                    | -  | n         | -   | - | -  | -   | - | -  |
| 2070      | 57        | Cr-1238        | Indan, 1,2-dichloro-  | n                    | n  | n         | -   | - | -  | -   | - | -  |
| 2071      | 49        |                | 1,3-Indandione, 2-isovaleryl-   | 10                   | n  | n         | -   | - | -  | -   | - | -  |
| 2072      | 49        |                | potassium salt  | n                    | n  | n         | -   | - | -  | -   | - | -  |
| 2073      | 49        |                | sodium salt   | n                    | n  | n         | -   | - | -  | -   | - | -  |
| 2074      | 49        |                | 2-pivalyl-  | -                    | -  | n         | -   | - | -  | -   | - | -  |
| 2075      | 49        |                | potassium salt  | n                    | n  | n         | -   | - | -  | -   | - | -  |
| 2076      | 49        |                | sodium salt   | -                    | -  | n         | -   | - | -  | -   | - | -  |
| 2077      | 57        | Q-177          | Indane, 2-hydroxy-8,8-dimethoxy-4,7-endomethylene-1,4,5,6,7-pentachloro-3a,4,7,7a-tetrahydro- | 2                    | 14 | <u>14</u> | -   | - | -  | -   | - | -  |
| 2078      | 57        | Q-190          | $\alpha$ -(p-methoxyphenyl)-  | n                    | n  | n         | -   | - | -  | -   | - | -  |
| 2079      | 57        | Cr-1235        | (1) or (2)-Indanol, (2) or (1)-bromo-   | n                    | n  | n         | -   | - | -  | -   | - | -  |
| 2080      | 57        | Cr-1239A       | (cis)(2) or (1)-chloro-   | n                    | n  | n         | -   | - | -  | -   | - | -  |
| 2081      | 57        | Cr-1239B       | (trans)(2) or (1)-chloro-   | n                    | n  | n         | -   | - | -  | -   | - | -  |
| 2082      | 57        | SM-125         | 1-Indanone, 3,4-dimethyl-7-hydroxy-   | n                    | n  | n         | -   | - | -  | -   | - | -  |
| 2083      | 57        | Q-198          | Indene, 8,8-dimethoxy-4,7-endomethylene-3,4,5,6,7-pentachloro-3a,4,7,7a-tetrahydro-           | 2                    | 14 | <u>14</u> | -   | - | -  | -   | - | -  |
| 2084      | 25        | 800,555        | Indole  | 10                   | n  | n         | -   | - | -  | -   | - | -  |

|      |    |         |  |    |    |    |   |   |   |   |   |   |
|------|----|---------|--|----|----|----|---|---|---|---|---|---|
| 2085 | 25 | 502,168 | 3-Indolebutyric acid   | n  | -  | n  | - | - | - | - | - | - |
| 2086 | 25 | 500,728 | 3-Indolepropionic acid   | n  | n  | n  | - | - | - | - | - | - |
| 2087 | 25 | 100,363 | <u>meso</u> -Inositol  | n  | n  | n  | - | - | - | - | - | - |
| 2088 | 27 |         | Iodonium compounds; bis(acetamidophenyl) — chloride                | n  | n  | n  | - | - | - | - | - | - |
| 2089 | 27 |         | bis(acetocarbamidophenyl) — iodide                                 | n  | n  | n  | - | - | - | - | - | - |
| 2090 | 27 |         | bis(acetophenyl) — iodide  | n  | n  | n  | - | - | - | - | - | - |
| 2091 | 27 |         | bis(bromophenyl) — chloride  | n  | n  | n  | - | - | - | - | - | - |
| 2092 | 27 |         | bis(carboxymethylphenyl) — iodide                                  | n  | n  | n  | - | - | - | - | - | - |
| 2093 | 25 | 000,297 |  |    |    |    |   |   |   |   |   |   |
|      |    | -15     | bis(3,4-dichlorophenyl) — sulfate                                  | n  | n  | n  | - | - | - | - | - | - |
| 2094 | 27 |         | bis(dodecylphenyl) — chloride                                      | -  | -  | n  | - | - | - | - | - | - |
| 2095 | 27 |         | bis(ethylphenyl) — chloride  | n  | n  | n  | - | - | - | - | - | - |
| 2096 | 25 | 000,299 |  |    |    |    |   |   |   |   |   |   |
|      |    | -13     | bis(p-fluorophenyl) — iodide                                       | -  | -  | n  | - | - | - | - | - | - |
| 2097 | 27 |         | bis(n-hexylphenyl) — chloride                                      | 1  | 1  | 13 | - | - | - | - | - | - |
| 2098 | 27 |         | bis(iodophenylphenyl) — iodide                                     | n  | n  | n  | - | - | - | - | - | - |
| 2099 | 27 |         | bis(lauramidophenyl) — iodide                                      | n  | n  | n  | - | - | - | - | - | - |
| 2100 | 25 | 000,488 |  |    |    |    |   |   |   |   |   |   |
|      |    | -13     | diphenyl — iodide  | n  | n  | n  | - | - | - | - | - | - |
| 2101 | 15 |         | Iron sulfates  | n  | n  | n  | - | - | - | - | - | - |
| 2102 | 25 | 508,453 | Isatin, 5,7-dinitro-   | n  | n  | n  | - | - | - | - | - | - |
| 2103 | 25 | 507,199 | 7-methyl-  | n  | n  | n  | - | - | - | - | - | - |
| 2104 | 57 | Cr-1128 | Isobiuret, 2,4-dibenzyl-1-phenyl-2,4-dithio-;<br>monohydrochloride | n  | n  | n  | - | - | - | - | - | - |
| 2105 | 25 | 400,087 | Isobutyl phosphate, tri-   | n  | n  | n  | - | - | - | - | - | - |
| 2106 | 46 | 139     | Isobutyraldehyde   | -  | -  | n  | - | - | - | - | - | - |
| 2107 | 57 | SM-340  | dimethallyl acetal   | -  | -  | n  | - | - | - | - | - | - |
| 2108 | 57 | O-2133  | a, a'-dithiodi-  | n  | n  | n  | - | - | - | - | - | - |
| 2109 | 25 | 500,002 | Isobutyranilide, N-ethyl-  | n  | n  | n  | - | - | - | - | - | - |
| 2110 | 57 | Cr-27   | Isobutyric acid, a-thiocyano-; ethyl ester                         | 4  | 12 | 12 | - | - | - | - | - | - |
| 2111 | 57 | Cr-88   | Isobutyronitrile, a-hydroxy-                                       | 10 | 14 | n  | - | - | - | - | - | - |
| 2112 | 57 | ER-79   | benzoate   | n  | 12 | n  | - | - | - | - | - | - |
| 2113 | 54 |         | carbanilate  | n  | -  | n  | - | - | - | - | - | - |
| 2114 | 57 | Q-113   | Isocyanic acid; phenyl ester                                       | n  | n  | n  | - | - | - | - | - | - |
| 2115 | 46 | 175     | Isoeugenol   | -  | -  | n  | - | - | - | - | - | - |
| 2116 | 25 | 905,093 | Isonicotinic acid, 2,6-dichloro-                                   | n  | n  | n  | - | - | - | - | - | - |
| 2117 | 57 | SM-217  | Isophorol  | n  | n  | n  | - | - | - | - | - | - |
| 2118 | 25 | 100,345 | Isophthalic acid   | n  | n  | n  | - | - | - | - | - | - |
| 2119 | 54 |         | Isopropanol, dichloro-; (mixed isomers)                            | n  | n  | n  | - | - | - | - | - | - |

| Rept. No. | Subm. No. | Subm. Code No. | Name of Chemical   | Concentration in ppm |    |    |     |   |    |     |   |    |
|-----------|-----------|----------------|--|----------------------|----|----|-----|---|----|-----|---|----|
|           |           |                |  | 5.0                  |    |    | 1.0 |   |    | 0.1 |   |    |
|           |           |                |  | T                    | B  | SL | T   | B | SL | T   | B | SL |
| 2120      | 31        | 93             | Isopropanol, 1,2-di(4-chlorophenyl)-                               | 9                    | 9  | n  | -   | - | -  | -   | - | -  |
| 2121      | 25        | 801,584        |  |                      |    |    |     |   |    |     |   |    |
|           |           | -A1            | Isopropylamine; complex with $\frac{1}{2}$ f. wt. fluosilicic acid | n                    | n  | n  | -   | - | -  | -   | - | -  |
| 2122      | 57        | Lo-164         | Isopropylxanthic acid; 3,4-dichlorobenzyl ester                    | n                    | n  | n  | -   | - | -  | -   | - | -  |
| 2123      | 57        | Lo-166         | ester with thioglycolic acid                                       | n                    | n  | n  | -   | - | -  | -   | - | -  |
| 2124      | 53        |                | sodium salt  | n                    | n  | n  | -   | - | -  | -   | - | -  |
| 2125      | 25        | 100,264        | Isopulegol   | n                    | n  | n  | -   | - | -  | -   | - | -  |
| 2126      | 25        | 800,044        | Isoquinoline   | n                    | n  | n  | -   | - | -  | -   | - | -  |
| 2127      | 18        |                | Isoquinolinium compounds; lauryl—bromide<br>(“Isothan Q15”, 20%)   | n                    | n  | n  | -   | - | -  | -   | - | -  |
| 2128      | 46        | 132            | Isothiocyanic acid; allyl ester                                    | 6                    | 14 | 14 | -   | - | -  | -   | - | -  |
| 2129      | 49        |                | methallyl ester  | 1                    | 12 | n  | -   | - | -  | -   | - | -  |
| 2130      | 49        |                | phenyl ester   | 1                    | 1  | 12 | -   | - | -  | -   | - | -  |
| 2131      | 25        | 101,076        | Itaconic acid  | n                    | n  | n  | -   | - | -  | -   | - | -  |
| 2132      | 25        | 101,821        | diester with allyl lactate   | n                    | n  | n  | -   | - | -  | -   | - | -  |
| 2133      | 46        | 268            | <u>Juglans nigra</u> hulls; acetone extract                        | -                    | -  | n  | -   | - | -  | -   | - | -  |
| 2134      | 46        | 264            | benzene extract  | -                    | -  | n  | -   | - | -  | -   | - | -  |
| 2135      | 46        | 263            | carbon tetrachloride extract                                       | -                    | -  | n  | -   | - | -  | -   | - | -  |
| 2136      | 46        | 265            | ethyl alcohol extract  | -                    | -  | n  | -   | - | -  | -   | - | -  |
| 2137      | 46        | 262            | water extract  | -                    | -  | n  | -   | - | -  | -   | - | -  |

|      |    |         |   |               |               |           |   |   |   |   |   |   |
|------|----|---------|---|---------------|---------------|-----------|---|---|---|---|---|---|
| 2138 | 25 | 900,074 | Ketone, 4-chlorophenyl 2-nitro-3-phenylcyclopropyl                      | n             | n             | n         | - | - | - | - | - | - |
| 2139 | 57 | SM-207  | cyclopropyl furfurylidene-methyl  | n             | n             | n         | - | - | - | - | - | - |
| 2140 | 57 | Q-100   | dichloromethyl trichloromethyl  | 13            | <u>13</u>     | <u>13</u> | - | - | - | - | - | - |
| 2141 | 46 | 169     | methyl <u>iso</u> -butyl  | -             | -             | n         | - | - | - | - | - | - |
| 2142 | 49 |         | methyl ethyl; semicarbazone   | n             | n             | n         | - | - | - | - | - | - |
| 2143 | 46 | 162     | methyl <u>n</u> -pentyl   | -             | -             | n         | - | - | - | - | - | - |
| 2144 | 25 | 402,901 | methyl 3-thianaphthenyl   | $\frac{1}{2}$ | $\frac{1}{2}$ | n         | - | - | - | - | - | - |
|      |    |         |   |               |               |           |   |   |   |   |   |   |
| 2145 | 46 | 256     | Lacmoid   | -             | -             | n         | - | - | - | - | - | - |
| 2146 | 25 | 501,277 | Lactamide; acetate  | n             | n             | n         | - | - | - | - | - | - |
| 2147 | 25 | 500,529 | <u>N</u> - <u>sec</u> -butyl-   | n             | n             | n         | - | - | - | - | - | - |
| 2148 | 25 | 507,542 | <u>N,N</u> -didecyl-; acetate   | n             | n             | n         | - | - | - | - | - | - |
| 2149 | 25 | 507,523 | <u>N</u> -2-hydroxyethyl-; diacetate                                    | n             | n             | n         | - | - | - | - | - | - |
| 2150 | 25 | 510,556 | <u>N</u> -2-hydroxypropyl-; diacetate                                   | n             | n             | n         | - | - | - | - | - | - |
| 2151 | 25 | 510,560 | diester with ethyl carbonic acid  | n             | n             | n         | - | - | - | - | - | - |
| 2152 | 25 | 510,557 | <u>N</u> -( <u>a</u> -methylbenzyl)-                                    | n             | n             | n         | - | - | - | - | - | - |
| 2153 | 25 | 500,520 | <u>N</u> -propyl-   | n             | n             | n         | - | - | - | - | - | - |
| 2154 | 25 | 510,558 | <u>N</u> -(1,1,3,3-tetramethylbutyl)-                                   | n             | n             | n         | - | - | - | - | - | - |
| 2155 | 25 | 507,527 | Lactanilide, <u>N</u> -2-hydroxyethyl-                                  | n             | n             | n         | - | - | - | - | - | - |
| 2156 | 25 | 100,380 | Lactic acid   | n             | n             | n         | - | - | - | - | - | - |
| 2157 | 25 | 101,618 | acetate   | -             | -             | n         | - | - | - | - | - | - |
| 2158 | 25 | 101,653 | acetate, allyl ester  | n             | n             | n         | - | - | - | - | - | - |
| 2159 | 25 | 101,802 | acetate, <u>o</u> -allylphenyl ester                                    | -             | -             | n         | - | - | - | - | - | - |
| 2160 | 25 | 104,190 | acetate, 1-carbethoxy ethyl ester                                       | -             | -             | n         | - | - | - | - | - | - |
| 2161 | 25 | 101,654 | acetate, carbomethoxymethyl ester                                       | -             | -             | n         | - | - | - | - | - | - |
| 2162 | 25 | 400,947 | acetate, 2-chloroallyl ester  | -             | -             | n         | - | - | - | - | - | - |
| 2163 | 25 | 101,241 | acetate, cyclohexyl ester   | n             | n             | n         | - | - | - | - | - | - |
| 2164 | 25 | 101,816 | acetate, <u>p</u> - <u>tert</u> -2,2-dimethylpropylphenyl ester         | 3             | 3             | <u>3</u>  | - | - | - | - | - | - |
| 2165 | 25 | 106,393 | acetate, ester with 3a,4,5,6,7,7a-hexahydro-4,7-methanoinden-5(or 6)-ol | n             | n             | n         | - | - | - | - | - | - |
| 2166 | 25 | 101,801 | acetate, ester with phenyl lactate                                      | -             | -             | n         | - | - | - | - | - | - |
| 2167 | 25 | 100,172 | acetate, hexyl ester  | n             | n             | n         | - | - | - | - | - | - |
| 2168 | 25 | 101,662 | acetate, isopropyl ester  | -             | -             | n         | - | - | - | - | - | - |
| 2169 | 25 | 101,338 | acetate, octyl ester  | -             | -             | n         | - | - | - | - | - | - |
| 2170 | 25 | 101,795 | acetate, 2-phenoxyethyl ester   | -             | -             | n         | - | - | - | - | - | - |

| Rept. No. | Subm. No. | Subm. Code No. | Name of Chemical   | Concentration in ppm |   |    |     |   |    |     |   |    |
|-----------|-----------|----------------|--|----------------------|---|----|-----|---|----|-----|---|----|
|           |           |                |  | 5.0                  |   |    | 1.0 |   |    | 0.1 |   |    |
|           |           |                |  | T                    | B | SL | T   | B | SL | T   | B | SL |
| 2171      | 25        | 102,047        | Lactic acid; acetate, phenyl ester   | -                    | - | n  | -   | - | -  | -   | - | -  |
| 2172      | 25        | 101,786        | acetate, <u>o</u> -tolyl ester   | -                    | - | n  | -   | - | -  | -   | - | -  |
| 2173      | 25        | 104,203        | <i>a</i> -acetoxypropionate, ester with butyl lactate  | -                    | - | n  | -   | - | -  | -   | - | -  |
| 2174      | 25        | 101,106        | allyl ester  | n                    | n | n  | -   | - | -  | -   | - | -  |
| 2175      | 25        | 101,157        | allyl ester, lactate   | -                    | - | n  | -   | - | -  | -   | - | -  |
| 2176      | 25        | 103,474        | allyl ester, lactate, hydrogen carbonate, diester with diethylene glycol   | n                    | n | n  | -   | - | -  | -   | - | -  |
| 2177      | 54        |                | benzyl ester, carbanilate  | n                    | n | n  | -   | - | -  | -   | - | -  |
| 2178      | 25        | 101,787        | 2-benzyloxyethyl ester   | n                    | n | n  | -   | - | -  | -   | - | -  |
| 2179      | 25        | 103,470        | 2-(2-butoxyethoxy) ethyl ester, decyl carbonate  | -                    | - | n  | -   | - | -  | -   | - | -  |
| 2180      | 25        | 103,481        | 2-(2-butoxyethoxy) ethyl ester, dodecyl carbonate  | n                    | n | n  | -   | - | -  | -   | - | -  |
| 2181      | 25        | 103,490        | 2-(2-butoxyethoxy) ethyl ester, hydrogen carbonate, diester with diethylene glycol   | n                    | n | n  | -   | - | -  | -   | - | -  |
| 2182      | 25        | 103,462        | 2-(2-butoxyethoxy) ethyl ester, octyl carbonate  | -                    | - | n  | -   | - | -  | -   | - | -  |
| 2183      | 25        | 103,437        | 2-butoxyethyl ester, pentyl carbonate  | -                    | - | n  | -   | - | -  | -   | - | -  |
| 2184      | 54        |                | butyl ester, <u>m</u> -cyanocarbanilate  | n                    | - | n  | -   | - | -  | -   | - | -  |
| 2185      | 25        | 103,460        | butyl ester, dodecyl carbonate   | -                    | - | n  | -   | - | -  | -   | - | -  |
| 2186      | 25        | 107,778        | butyl ester, ester with diethylene glycol, mono (butyl carbonate), mono (hydrogen carbonate)                                     | n                    | n | n  | -   | - | -  | -   | - | -  |
| 2187      | 25        | 107,781        | butyl ester, ester with diethylene glycol, mono (2-ethylbutyl carbonate), mono (hydrogen carbonate)                              | n                    | n | n  | -   | - | -  | -   | - | -  |
| 2188      | 25        | 107,785        | butyl ester, ester with diethylene glycol, mono (hydrogen carbonate), mono (isooctyl carbonate) (isooctyl is mixture of isomers) | n                    | n | n  | -   | - | -  | -   | - | -  |
| 2189      | 25        | 107,777        | butyl ester, ester with diethylene glycol, mono (hydrogen carbonate), mono (isopropyl carbonate)                                 | n                    | n | n  | -   | - | -  | -   | - | -  |
| 2190      | 25        | 107,786        | butyl ester, ester with diethylene glycol, mono (hydrogen carbonate), mono (1-methylheptyl carbonate)                            | n                    | n | n  | -   | - | -  | -   | - | -  |
| 2191      | 54        |                | butyl ester, <u>m</u> -ethylcarbanilate  | n                    | n | n  | -   | - | -  | -   | - | -  |
| 2192      | 25        | 103,456        | <u>sec</u> -butyl ester, hydrogen carbonate, diester with diethylene glycol  | n                    | n | n  | -   | - | -  | -   | - | -  |

|      |    |         |  |    |   |   |   |   |   |   |   |   |
|------|----|---------|--|----|---|---|---|---|---|---|---|---|
| 2193 | 54 |         | Lactic acid; butyl ester, <u>N</u> -methyl carbanilate                             | 12 | n | n | - | - | - | - | - | - |
| 2194 | 54 |         | butyl ester, <u>m</u> -nitrocarbanilate  | n  | n | n | - | - | - | - | - | - |
| 2195 | 25 | 101,563 | butyl ester, <u>o</u> ctyl carbonate   | -  | - | n | - | - | - | - | - | - |
| 2196 | 25 | 401,031 | butyl ester, triester with phosphoric acid   | -  | - | n | - | - | - | - | - | - |
| 2197 | 25 | 400,902 | 2-chloroallyl ester  | n  | n | n | - | - | - | - | - | - |
| 2198 | 25 | 400,905 | 3-chloroallyl ester  | n  | n | n | - | - | - | - | - | - |
| 2199 | 25 | 400,941 | 2-(2-chloroethoxy) ethyl ester   | n  | n | n | - | - | - | - | - | - |
| 2200 | 25 | 401,340 | 2-(2-chloroethoxy) ethyl ester, hydrogen carbonate, diester with diethylene glycol | n  | n | n | - | - | - | - | - | - |
| 2201 | 54 |         | 2-chloroethyl ester, carbanilate   | n  | n | n | - | - | - | - | - | - |
| 2202 | 25 | 402,841 | 2-chloroethyl ester, lactate   | -  | - | n | - | - | - | - | - | - |
| 2203 | 25 | 101,700 | cyclohexyl ester   | -  | - | n | - | - | - | - | - | - |
| 2204 | 54 |         | cyclohexyl ester, carbanilate  | n  | n | n | - | - | - | - | - | - |
| 2205 | 25 | 103,475 | cyclohexyl ester, hydrogen carbonate, diester with diethylene glycol               | -  | - | n | - | - | - | - | - | - |
| 2206 | 54 |         | 2-(2,4-dichlorophenoxy) ethyl ester, carbanilate                                   | n  | n | n | - | - | - | - | - | - |
| 2207 | 25 | 102,392 | diester with diethylene glycol   | -  | - | n | - | - | - | - | - | - |
| 2208 | 25 | 103,439 | diester with diethylene glycol, ethyl carbonate                                    | -  | - | n | - | - | - | - | - | - |
| 2209 | 25 | 101,557 | dodecyl ester  | n  | n | n | - | - | - | - | - | - |
| 2210 | 25 | 103,459 | dodecyl ester, butyl carbonate   | -  | - | n | - | - | - | - | - | - |
| 2211 | 54 |         | dodecyl ester, carbanilate   | n  | n | n | - | - | - | - | - | - |
| 2212 | 54 |         | <u>N</u> -ethylcarbamate   | n  | n | n | - | - | - | - | - | - |
| 2213 | 25 | 101,664 | ethyl ester, ethyl carbonate   | -  | - | n | - | - | - | - | - | - |
| 2214 | 25 | 101,663 | ethyl ester, propionate  | n  | n | n | - | - | - | - | - | - |
| 2215 | 25 | 103,477 | 2-ethylbutyl ester, hydrogen carbonate, diester with diethylene glycol             | -  | - | n | - | - | - | - | - | - |
| 2216 | 25 | 101,778 | 2-ethylhexyl ester   | -  | - | n | - | - | - | - | - | - |
| 2217 | 25 | 103,488 | 2-ethylhexyl ester, hydrogen carbonate, diester with diethylene glycol             | -  | - | n | - | - | - | - | - | - |
| 2218 | 25 | 103,469 | hexadecyl ester, ethyl carbonate   | -  | - | n | - | - | - | - | - | - |
| 2219 | 25 | 101,296 | hexyl ester, ethyl carbonate   | -  | - | n | - | - | - | - | - | - |
| 2220 | 25 | 103,478 | hexyl ester, hydrogen carbonate, diester with diethylene glycol                    | -  | - | n | - | - | - | - | - | - |
| 2221 | 25 | 104,196 | hexyl ester, lactate   | -  | - | n | - | - | - | - | - | - |
| 2222 | 25 | 104,193 | 2-hexyloxyethyl ester  | -  | - | n | - | - | - | - | - | - |
| 2223 | 25 | 104,206 | 2-hexyloxyethyl ester, hexyl carbonate   | -  | - | n | - | - | - | - | - | - |
| 2224 | 25 | 104,188 | 5-hydroxypentyl ester  | -  | - | n | - | - | - | - | - | - |
| 2225 | 25 | 103,457 | isobutyl ester, hydrogen carbonate, diester with diethylene glycol                 | -  | - | n | - | - | - | - | - | - |



| Rept. No. | Subm. No. | Subm. Code No. | Name of Chemical   | Concentration in ppm |   |    |     |   |    |     |   |    |
|-----------|-----------|----------------|--|----------------------|---|----|-----|---|----|-----|---|----|
|           |           |                |  | 5.0                  |   |    | 1.0 |   |    | 0.1 |   |    |
|           |           |                |  | T                    | B | SL | T   | B | SL | T   | B | SL |
| 2226      | 25        | 103,446        | Lactic acid; isopropyl ester, hydrogen carbonate, diester with diethylene glycol                                   | -                    | - | n  | -   | - | -  | -   | - | -  |
| 2227      | 25        | 103,448        | 2-methoxyethyl ester, hydrogen carbonate, diester with diethylene glycol   | -                    | - | n  | -   | - | -  | -   | - | -  |
| 2228      | 25        | 101,730        | 2-methylallyl ester, propionate  | -                    | - | n  | -   | - | -  | -   | - | -  |
| 2229      | 25        | 103,484        | x-methylcyclohexyl ester, hydrogen carbonate, diester with diethylene glycol                                       | n                    | n | n  | -   | - | -  | -   | - | -  |
| 2230      | 25        | 103,433        | methyl ester, hydrogen carbonate, diester with diethylene glycol   | -                    | - | n  | -   | - | -  | -   | - | -  |
| 2231      | 25        | 101,541        | methyl ester, octyl carbonate  | n                    | 4 | n  | -   | - | -  | -   | - | -  |
| 2232      | 25        | 101,665        | methyl ester, propyl carbonate   | -                    | - | n  | -   | - | -  | -   | - | -  |
| 2233      | 25        | 400,988        | methyl ester, triester with phosphoric acid  | -                    | - | n  | -   | - | -  | -   | - | -  |
| 2234      | 25        | 102,543        | 1-methylheptyl ester   | -                    | - | n  | -   | - | -  | -   | - | -  |
| 2235      | 25        | 107,787        | 1-methylheptyl ester, ester with diethylene glycol, mono ( <u>sec</u> -butyl carbonate), mono (hydrogen carbonate) | n                    | n | n  | -   | - | -  | -   | - | -  |
| 2236      | 25        | 103,434        | 1-methylheptyl ester, lactate  | n                    | n | n  | -   | - | -  | -   | - | -  |
| 2237      | 25        | 102,655        | monoester with diethylene glycol   | -                    | - | n  | -   | - | -  | -   | - | -  |
| 2238      | 25        | 100,380-68     | nickel (II) salt   | -                    | - | n  | -   | - | -  | -   | - | -  |
| 2239      | 25        | 103,489        | octyl ester, hydrogen carbonate, diester with diethylene glycol  | -                    | - | n  | -   | - | -  | -   | - | -  |
| 2240      | 25        | 104,200        | octyl ester, lactate   | -                    | - | n  | -   | - | -  | -   | - | -  |
| 2241      | 25        | 101,671        | pentyl ester   | n                    | n | n  | -   | - | -  | -   | - | -  |
| 2242      | 25        | 101,549        | pentyl ester, pentyl carbonate   | -                    | - | n  | -   | - | -  | -   | - | -  |
| 2243      | 25        | 101,757        | 2-phenoxyethyl ester   | -                    | - | n  | -   | - | -  | -   | - | -  |
| 2244      | 25        | 103,447        | propyl ester, hydrogen carbonate, diester with diethylene glycol   | -                    | - | n  | -   | - | -  | -   | - | -  |
| 2245      | 25        | 104,189        | propyl ester, lactate  | n                    | n | n  | -   | - | -  | -   | - | -  |
| 2246      | 25        | 101,511        | propyl ester, propyl carbonate   | n                    | n | n  | -   | - | -  | -   | - | -  |
| 2247      | 25        | 104,198        | 3,5,5-trimethylhexyl ester   | n                    | n | n  | -   | - | -  | -   | - | -  |
| 2248      | 25        | 101,689        | 2-methyl-; allyl ester, acetate  | n                    | n | n  | -   | - | -  | -   | - | -  |
| 2249      | 25        | 101,763        | allyl glycolate ester, acetate   | n                    | n | n  | -   | - | -  | -   | - | -  |
| 2250      | 25        | 101,661        | ethyl ester, acetate   | n                    | n | n  | -   | - | -  | -   | - | -  |
| 2251      | 25        | 101,297        | ethyl ester, pentyl carbonate  | n                    | n | n  | -   | - | -  | -   | - | -  |
| 2252      | 25        | 101,796        | 2-methylallyl lactate ester, acetate   | n                    | n | n  | -   | - | -  | -   | - | -  |

|      |    |         |  |   |   |    |   |    |   |   |   |   |
|------|----|---------|--|---|---|----|---|----|---|---|---|---|
| 2253 | 25 | 510,562 | Lactimide, <u>N,N</u> -bis(2-hydroxypropyl)-; triacetate     | n | n | n  | - | -  | - | - | - | - |
| 2254 | 25 | 107,771 | Lactin, 1-mono-  | n | n | n  | - | -  | - | - | - | - |
| 2255 | 54 |         | Lactonitrile; carbanilate                                    | n | - | n  | - | -  | - | - | - | - |
| 2256 | 57 | FW-86   | 3,3,3-trichloro-   | 2 | 2 | n  | 6 | 10 | n | n | n | n |
| 2257 | 57 | ER-130  | <u>p</u> -chlorobenzoate                                     | 2 | - | 14 | - | -  | - | - | - | - |
| 2258 | 67 |         | Lasiocarpine   | n | n | n  | - | -  | - | - | - | - |
| 2259 | 67 |         | Lasiocarpine- <u>N</u> -oxide                                | n | n | n  | - | -  | - | - | - | - |
| 2260 | 57 | Cr-860  | Lauranilide  | n | - | n  | - | -  | - | - | - | - |
| 2261 | 46 | 117     | Lauric acid  | n | n | n  | - | -  | - | - | - | - |
| 2262 | 57 | Cr-1589 | allyl ester  | n | n | n  | - | -  | - | - | - | - |
| 2263 | 57 | Cr-821  | 2-anilinoethyl ester   | n | n | n  | - | -  | - | - | - | - |
| 2264 | 57 | Cr-822  | 2-anilinoethyl ester, hydrochloride                          | n | n | n  | - | -  | - | - | - | - |
| 2265 | 57 | Cr-1602 | 3-bromo-2-methyl-2-thiocyanopropyl ester                     | n | n | n  | - | -  | - | - | - | - |
| 2266 | 57 | Cr-1598 | 3-bromo-2-thiocyanopropyl ester                              | n | n | n  | - | -  | - | - | - | - |
| 2267 | 25 | 502,926 | 1-butylcarbamylethyl ester                                   | n | n | n  | - | -  | - | - | - | - |
| 2268 | 57 | Q-75    | $\gamma$ -chloroallyl ester                                  | n | n | n  | - | -  | - | - | - | - |
| 2269 | 57 | Cr-595  | 2-[2-chloroethoxy]ethyl ester                                | n | n | n  | - | -  | - | - | - | - |
| 2270 | 57 | Cr-1599 | 3-chloro-2-thiocyanopropyl ester                             | n | n | n  | - | -  | - | - | - | - |
| 2271 | 57 | Cr-1592 | 2,3-dibromopropyl ester                                      | n | n | n  | - | -  | - | - | - | - |
| 2272 | 57 | Cr-1595 | 2,3-dichloropropyl ester                                     | n | n | n  | - | -  | - | - | - | - |
| 2273 | 57 | Cr-591  | diester with 2,2'-dithiodiethanol                            | n | n | n  | - | -  | - | - | - | - |
| 2274 | 57 | Cr-826  | diester with 2,2'-thiodiethanol                              | n | n | n  | - | -  | - | - | - | - |
| 2275 | 57 | Cr-1594 | 1,3-dimethylbutyl ester                                      | n | n | n  | - | -  | - | - | - | - |
| 2276 | 57 | V-57    | (1,3-dinonyl-5-hexahydropyrimidyl) ester                     | n | n | n  | - | -  | - | - | - | - |
| 2277 | 57 | Cr-1603 | 2,3-dithiocyano-2-methylpropyl ester                         | n | n | n  | - | -  | - | - | - | - |
| 2278 | 25 | 101,459 | ester with butyl lactate                                     | - | - | n  | - | -  | - | - | - | - |
| 2279 | 25 | 103,453 | ester with <u>sec</u> -butyl lactate                         | - | - | n  | - | -  | - | - | - | - |
| 2280 | 25 | 104,488 | ester with 1-carbethoxyethyl lactate                         | - | - | n  | - | -  | - | - | - | - |
| 2281 | 25 | 103,465 | ester with 1,3-dimethylbutyl lactate                         | n | n | n  | - | -  | - | - | - | - |
| 2282 | 57 | Cr-857  | ester with 2- <u>N</u> -ethylanilinoethanol                  | n | n | n  | - | -  | - | - | - | - |
| 2283 | 57 | Cr-830  | ester with <u>N</u> -(2-hydroxyethyl) lauranilide            | n | n | n  | - | -  | - | - | - | - |
| 2284 | 25 | 510,566 | ester with <u>N</u> -(1,1,3,3-tetramethylbutyl)<br>lactamide | n | n | n  | - | -  | - | - | - | - |
| 2285 | 58 | O-3482  | glycerol monoester   | n | n | n  | - | -  | - | - | - | - |
| 2286 | 57 | Cr-1590 | 2-methylallyl ester  | n | n | n  | - | -  | - | - | - | - |
| 2287 | 25 | 100,334 | monoester with nonaethylene glycol                           | n | n | n  | - | -  | - | - | - | - |
| 2288 | 57 | Cr-862  | <u>p</u> -nitrobenzyl ester                                  | n | - | n  | - | -  | - | - | - | - |
| 2289 | 57 | Cr-598  | 2-[2-(2-thiocyanoethoxy)ethoxy]ethyl ester                   | n | n | n  | - | -  | - | - | - | - |
| 2290 | 25 | 505,912 | triester with <u>N,N</u> -bis(2-hydroxyethyl) lactamide      | n | n | n  | - | -  | - | - | - | - |

| Rept. No. | Subm. No. | Subm. Code | Name of Chemical  | Concentration in ppm |    |    |     |   |    |     |   |    |
|-----------|-----------|------------|---|----------------------|----|----|-----|---|----|-----|---|----|
|           |           |            |   | 5.0                  |    |    | 1.0 |   |    | 0.1 |   |    |
|           |           |            |   | T                    | B  | SL | T   | B | SL | T   | B | SL |
| 2291      | 57        | SM-195     | Laurophenone, x, x-dihydroxy- (from resorcinol)                       | -                    | -  | n  | -   | - | -  | -   | - | -  |
| 2292      | 63        | O-4663     | Lauryl alcohol, with 36 moles of ethylene oxide, condensation product | n                    | -  | n  | -   | - | -  | -   | - | -  |
| 2293      | 25        | Y00,060    | Lauseto Neu-M-2509  | n                    | n  | n  | -   | - | -  | -   | - | -  |
| 2294      | 25        | 001,149    | Lead chloride, triphenyl-   | n                    | n  | n  | -   | - | -  | -   | - | -  |
| 2295      | 9         |            | Lead fluorophosphate, mono-   | n                    | n  | n  | -   | - | -  | -   | - | -  |
| 2296      | 15        |            | Lead nitrate (technical)  | n                    | n  | n  | -   | - | -  | -   | - | -  |
| 2297      | 25        | 800,556    | Lepidine  | n                    | n  | n  | -   | - | -  | -   | - | -  |
| 2298      | 25        | 501,700    | <u>L</u> -Leucine, <u>N</u> -(2-cyanoethyl)-                          | -                    | -  | n  | -   | - | -  | -   | - | -  |
| 2299      | 25        | 507,193    | <u>D</u> -Leucine, <u>N</u> -formyl-                                  | n                    | n  | n  | -   | - | -  | -   | - | -  |
| 2300      | 25        | 507,194    | <u>DL</u> -Leucine, <u>N</u> -formyl-                                 | n                    | n  | n  | -   | - | -  | -   | - | -  |
| 2301      | 25        | 104,110    | Levoglucozan  | -                    | -  | n  | -   | - | -  | -   | - | -  |
| 2302      | 25        | 107,791    | Levopimaric acid; addition product with maleic anhydride              | n                    | n  | n  | -   | - | -  | -   | - | -  |
| 2303      | 57        | SM-70      | Levulinic acid; allyl ester   | n                    | 14 | n  | -   | - | -  | -   | - | -  |
| 2304      | 57        | SM-123     | <u>p</u> - <u>tert</u> -butylphenyl ester                             | n                    | n  | n  | -   | - | -  | -   | - | -  |
| 2305      | 25        | 101,886    | -68   | -                    | -  | n  | -   | - | -  | -   | - | -  |
|           |           |            | nickel (II) salt  | -                    | -  | n  | -   | - | -  | -   | - | -  |
| 2306      | 57        | SM-143     | <u>p</u> -phenoxybenzyl ester   | n                    | n  | n  | -   | - | -  | -   | - | -  |
| 2307      | 57        | SM-77      | tetrahydrofurfuryl ester  | n                    | n  | n  | -   | - | -  | -   | - | -  |
| 2308      | 57        | SM-268     | benzylidene-; 2-ethyl-2-hexenyl ester                                 | n                    | n  | n  | -   | - | -  | -   | - | -  |
| 2309      | 25        | Y00,061    | Li 160  | n                    | n  | n  | -   | - | -  | -   | - | -  |
| 2310      | 25        | Y00,144    | Lithium hypochlorite; mixture with sodium chloride                    | n                    | n  | n  | -   | - | -  | -   | - | -  |
| 2311      | 25        | Y00,351    | Lorol thiocyanate   | n                    | n  | n  | -   | - | -  | -   | - | -  |
| 2312      | 67        |            | Lupinine, <u>d</u> - <u>iso</u> -                                     | n                    | n  | n  | -   | - | -  | -   | - | -  |
| 2313      | 67        |            | Lupinine- <u>N</u> -oxide, <u>d</u> - <u>iso</u> -                    | n                    | n  | n  | -   | - | -  | -   | - | -  |
| 2314      | 25        | 800,553    | 2,6-Lutidine  | n                    | n  | n  | -   | - | -  | -   | - | -  |
| 2315      | 46        | 332        | Lutidine, 2,6-di( <u>p</u> -chlorobenzylidene)-                       | n                    | n  | n  | -   | - | -  | -   | - | -  |

|      |    |          |   |          |          |           |   |           |   |   |   |   |
|------|----|----------|---|----------|----------|-----------|---|-----------|---|---|---|---|
| 2316 | 46 |          | Malathion   | 1        | 1        | n         | - | -         | - | - | - | - |
| 2317 | 64 |          | Malathion (technical)   | 1        | 1        | n         | - | -         | - | - | - | - |
| 2318 | 64 |          | Malathion (50% emulsifiable liquid)   | 1        | 10       | n         | - | -         | - | - | - | - |
| 2319 | 25 | 500, 287 | Maleamic acid; peptide condensation product   | -        | -        | n         | - | -         | - | - | - | - |
| 2320 | 25 | 106, 348 | Maleic acid; 1-carbethoxyethyl ethyl ester  | -        | -        | n         | - | -         | - | - | - | - |
| 2321 | 57 | Cr-1268  | 2-chloroethyl nordicyclopentenyl ester  | n        | n        | n         | - | -         | - | - | - | - |
| 2322 | 57 | Q-24     | 2-chloroethyl 2-thiocyanoethyl ester  | 3        | 13       | <u>13</u> | - | -         | - | - | - | - |
| 2323 | 35 |          | diallyl ester   | -        | -        | n         | - | -         | - | - | - | - |
| 2324 | 46 | 30       | di(p-chlorobenzyl) ester  | n        | n        | n         | - | -         | - | - | - | - |
| 2325 | 25 | 402, 140 | di[2-(2-chloroethoxy)ethyl] ester   | n        | n        | n         | - | -         | - | - | - | - |
| 2326 | 57 | Cr-44    | di(2-chloroethyl) ester   | 13       | 13       | n         | - | -         | - | - | - | - |
| 2327 | 25 | 102, 088 | diester with 2-ethylbutyl lactate   | n        | n        | n         | - | -         | - | - | - | - |
| 2328 | 57 | Q-26     | di(2-thiocyanoethyl) ester  | 12       | n        | n         | - | -         | - | - | - | - |
| 2329 | 55 |          | hydrazide (technical grade, 100% active)  | n        | n        | n         | - | -         | - | - | - | - |
| 2330 | 57 | Cr-43    | mono(2-chloroethyl) ester   | n        | n        | n         | - | -         | - | - | - | - |
| 2331 |    |          | monododecyl ester, sodium salt  | -        | -        | n         | - | -         | - | - | - | - |
| 2332 | 54 |          | dichloro-; anhydride  | n        | n        | n         | - | -         | - | - | - | - |
| 2333 | 46 | 272      | Malonic acid, acetamido-; diethyl ester   | n        | n        | n         | - | -         | - | - | - | - |
| 2334 | 25 | 508, 497 | benzyl-(o-carboxybenzamido)-  | -        | -        | n         | - | -         | - | - | - | - |
| 2335 | 25 | 103, 353 | benzylidene-; diethyl ester   | 2        | 3        | 11        | - | -         | - | - | - | - |
| 2336 | 57 | H-138    | bromo-; diethyl ester   | 3        | 7        | 8         | n | <u>15</u> | n | n | n | n |
| 2337 | 25 | 104, 731 | (2-butenyl)butyl-; diethyl ester  | 13       | 13       | n         | - | -         | - | - | - | - |
| 2338 | 25 | 104, 996 | 3-butenylmethyl-; diethyl ester   | -        | -        | n         | - | -         | - | - | - | - |
| 2339 | 25 | 904, 717 | (m-chloroanilinomethylene)-; diethyl ester  | <u>1</u> | <u>1</u> | <u>5</u>  | - | -         | - | - | - | - |
| 2340 | 25 | 102, 572 | (ethoxymethylene)-; diethyl ester   | -        | -        | n         | - | -         | - | - | - | - |
| 2341 | 25 | 102, 165 | ethylidene-; diethyl ester  | 11       | 14       | 14        | - | -         | - | - | - | - |
| 2342 | 25 | 105, 555 | dl-ethyl-(1-methylheptyl)-; diethyl ester   | -        | -        | n         | - | -         | - | - | - | - |
| 2343 | 25 | 105, 556 | l-ethyl-(1-methylheptyl)-; diethyl ester  | -        | -        | n         | - | -         | - | - | - | - |
| 2344 | 25 | 104, 849 | formylmethyl-; diethyl ester  | -        | -        | n         | - | -         | - | - | - | - |
| 2345 | 57 | H-119    | (2-formylpropyl)-; diethyl ester  | n        | n        | n         | - | -         | - | - | - | - |
| 2346 | 25 | 105, 192 | heptyl-; diethyl ester  | 5        | 13       | n         | - | -         | - | - | - | - |
| 2347 | 25 | 106, 602 | methylene-; diethyl ester   | n        | n        | n         | - | -         | - | - | - | - |
| 2348 | 25 | 103, 576 | phenethyl-; diethyl ester   | -        | -        | n         | - | -         | - | - | - | - |
| 2349 | 25 | 105, 954 | phenyl-   | -        | -        | n         | - | -         | - | - | - | - |
| 2350 | 25 | 508, 496 | p-Malonotoluidide   | n        | n        | n         | - | -         | - | - | - | - |
| 2351 | 25 | 103, 510 | Maltol  | -        | -        | n         | - | -         | - | - | - | - |
| 2352 | 57 | ER-151   | Mandelonitrile, 3,4-methylenedioxy-; benzoate   | 6        | -        | n         | - | -         | - | - | - | - |
| 2353 | 25 | 800, 008 | Melamine, <u>N</u> <sup>2</sup> , <u>N</u> <sup>2</sup> , <u>N</u> <sup>4</sup> , <u>N</u> <sup>6</sup> -tetrakis(aminomethyl)- | n        | n        | n         | - | -         | - | - | - | - |

| Rept. No. | Subm. Code No. | Subm. Code No. | Name of Chemical   | Concentration in ppm |    |           |     |   |    |     |   |    |
|-----------|----------------|----------------|--|----------------------|----|-----------|-----|---|----|-----|---|----|
|           |                |                |  | 5.0                  |    |           | 1.0 |   |    | 0.1 |   |    |
|           |                |                |  | T                    | B  | SL        | T   | B | SL | T   | B | SL |
| 2354      | 67             |                | Melicopicine   | n                    | n  | n         | -   | - | -  | -   | - | -  |
| 2355      | 67             |                | Melicopidine   | 14                   | 14 | <u>14</u> | n   | n | n  | n   | n | n  |
| 2356      | 67             |                | Melicopine   | n                    | n  | n         | -   | - | -  | -   | - | -  |
| 2357      | 40             |                | 1-Menthene-6,8-diol  | -                    | -  | n         | -   | - | -  | -   | - | -  |
| 2358      | 15             |                | Mercury acetate  | 5                    | 14 | 14        | -   | - | -  | -   | - | -  |
| 2359      | 25             | 105,966        | (2,3-dimethoxytetramethylene) bis-   | -                    | -  | n         | -   | - | -  | -   | - | -  |
| 2360      | 15             |                | Mercury chloride   | 5                    | 13 | 13        | -   | - | -  | -   | - | -  |
| 2361      | 49             |                | Mercury compounds, methoxyethyl-; acetylide  | n                    | n  | n         | -   | - | -  | -   | - | -  |
| 2362      | 49             |                | Mercury, diphenyl  | 6                    | n  | n         | -   | - | -  | -   | - | -  |
| 2363      | 25             | 800,394        | Metanicotine   | 12                   | 12 | <u>12</u> | -   | - | -  | -   | - | -  |
| 2364      | 49             |                | Metanilic acid   | 12                   | n  | n         | -   | - | -  | -   | - | -  |
| 2365      | 57             | SM-150         | Methacrolein dimer; trichloroacetate   | n                    | n  | n         | -   | - | -  | -   | - | -  |
| 2366      | 35             |                | Methacrylaldehyde  | -                    | -  | n         | -   | - | -  | -   | - | -  |
| 2367      | 46             | 294            | Methacrylic acid; n-butyl ester  | n                    | n  | n         | -   | - | -  | -   | - | -  |
| 2368      | 57             | WC-71          | Methane, bis (5-chloro-2-hydroxyphenyl) -;<br>cetyldimethylamine mono salt                   | 4                    | 14 | 14        | -   | - | -  | -   | - | -  |
| 2369      | 25             | 401,515        | bis (4-chlorophenoxy) -  | -                    | -  | n         | -   | - | -  | -   | - | -  |
| 2370      | 57             | SM-344         | bis (dibutylamino) -   | n                    | n  | n         | -   | - | -  | -   | - | -  |
| 2371      | 57             | Cr-303         | bis (4-dimethylamino-3-thiocyanophenyl) -  | n                    | n  | n         | -   | - | -  | -   | - | -  |
| 2372      | 57             | Lo-458         | bis (2-hydroxynaphthyl) -  | 1                    | 8  | 14        | -   | - | -  | -   | - | -  |
| 2373      | 57             | Cr-254         | bis (4-methoxy-3-nitrophenyl) -  | -                    | n  | n         | -   | - | -  | -   | - | -  |
| 2374      | 56             | NP-699         | bis (p-nitroanilino) trichloromethyl-  | n                    | n  | n         | -   | - | -  | -   | - | -  |
| 2375      | 57             | FW-90          | bis (2,4,5-trichlorophenyl) -  | n                    | -  | n         | -   | - | -  | -   | - | -  |
| 2376      | 31             | 1129           | bis [2,2,2-tris (hydroxymethyl) ethoxy] -  | n                    | -  | n         | -   | - | -  | -   | - | -  |
| 2377      | 57             | Q-150          | bromo-di (p-chlorophenyl) -  | n                    | n  | n         | -   | - | -  | -   | - | -  |
| 2378      | 57             | FW-109         | chloro-di-p-tolyl-   | n                    | -  | n         | -   | - | -  | -   | - | -  |
| 2379      | 54             |                | hexachlorocyclohexylchloro-  | n                    | n  | n         | -   | - | -  | -   | - | -  |
| 2380      | 57             | WC-114         | (2'-hydroxy-3'-isopropyl-5'-chlorophenyl) -<br>(2-isopropoxy-3-isopropyl-5-chlorophenyl) -   | 3                    | 14 | n         | -   | - | -  | -   | - | -  |
| 2381      | 57             | FW-88          | tri (p-chlorophenyl) -   | n                    | n  | n         | -   | - | -  | -   | - | -  |
| 2382      | 57             | WC-45          | 1,4-Methanofluorene, 2-(N-1,1,3,3-tetramethylbutylthio<br>carbonyl)-1,2,3,4,4a,9a-hexahydro- | n                    | n  | n         | -   | - | -  | -   | - | -  |
| 2383      | 25             | 000,070        | 4,7-Methanoindene, 3a,4,7,7a-tetrahydro-   | 3                    | -  | <u>5</u>  | -   | - | -  | -   | - | -  |
| 2384      | 25             | 404,039        | 4,7-Methanoindene-1,8-dione, 2,3,3a,4,5,6,7,7a-octa<br>chloro-3a,4,7,7a-tetrahydro-          | n                    | 9  | n         | -   | - | -  | -   | - | -  |
| 2385      | 65             |                | 4,7-Methanoindeneone, decachlorotetrahydro-  | 13                   | 13 | <u>13</u> | -   | - | -  | -   | - | -  |

|      |    |         |   |          |          |           |   |   |   |   |   |
|------|----|---------|---|----------|----------|-----------|---|---|---|---|---|
| 2386 | 25 | 106,386 | 4,7-Methanoinden-5-ol, hexahydro-   | -        | -        | n         | - | - | - | - | - |
| 2387 | 25 | 106,387 | 4,7-Methanoinden-5(or 6)-ol, 3a,4,5,6,7,7a-hexahydro-;<br>formate           | n        | n        | n         | - | - | - | - | - |
| 2388 | 25 | 107,571 | Methanol, tris(4-biphenyl)-   | n        | n        | n         | - | - | - | - | - |
| 2389 | 25 | 107,555 | 1,4-Methanonaphthalene-5,8-dione, 1,4,4a,8a-tetrahydro-                     | n        | n        | n         | - | - | - | - | - |
| 2390 | 25 | 905,100 | <u>DL</u> -Methionine, <u>N</u> -(2-carboxyethyl)-                          | n        | n        | n         | - | - | - | - | - |
| 2391 | 25 | 901,510 | <u>N</u> -(2-cyanoethyl)-   | n        | n        | n         | - | - | - | - | - |
| 2392 | 67 |         | 5-Methoxycanthinone   | n        | n        | n         | - | - | - | - | - |
| 2393 | 46 | 86      | Methoxychlor (purified)   | 1        | 1        | <u>13</u> | - | - | - | - | - |
| 2394 | 25 | 100,407 | Methylal  | n        | n        | n         | - | - | - | - | - |
| 2395 | 25 | 800,561 | -A1 Methylamine; complex with $\frac{1}{2}$ f. wt. fluosilicic acid         | n        | n        | n         | - | - | - | - | - |
| 2396 | 6  |         | silicofluoride  | -        | -        | n         | - | - | - | - | - |
| 2397 | 25 | 803,836 | pentaphenyl-  | n        | n        | n         | - | - | - | - | - |
| 2398 | 57 | Mr-24   | Methyleneimine, 1,1-diphenyl- <u>N,N</u> -di(1,1,3,3-tetramethyl<br>butyl)- | n        | n        | n         | - | - | - | - | - |
| 2399 | 57 | O-1832  | <u>N</u> -dodecyl-  | 4        | 13       | <u>4</u>  | - | - | - | - | - |
| 2400 | 67 |         | 4-Methylthio-canthinone   | n        | n        | n         | - | - | - | - | - |
| 2401 | 57 | Lo-2    | Methylxanthic acid; potassium salt  | n        | n        | n         | - | - | - | - | - |
| 2402 | 67 |         | Monocrotaline   | n        | n        | n         | - | - | - | - | - |
| 2403 | 25 | 500,288 | -A1 Morpholine; complex with $\frac{1}{2}$ f. wt. fluosilicic acid          | -        | -        | n         | - | - | - | - | - |
| 2404 | 9  |         | hexafluorophosphate   | -        | -        | n         | - | - | - | - | - |
| 2405 | 25 | 507,541 | 4-abietyl-  | n        | n        | n         | - | - | - | - | - |
| 2406 | 25 | 501,308 | 4-acetyl-   | -        | -        | n         | - | - | - | - | - |
| 2407 | 25 | 507,531 | 4,4'-adipyl-di-   | n        | n        | n         | - | - | - | - | - |
| 2408 | 25 | 502,086 | 4-benzoyl-  | n        | n        | n         | - | - | - | - | - |
| 2409 | 25 | 507,522 | 4-butyryl-  | n        | n        | n         | - | - | - | - | - |
| 2410 | 25 | 503,297 | 4-caproyl-  | n        | n        | n         | - | - | - | - | - |
| 2411 | 25 | 507,532 | 4-capryl-   | n        | n        | n         | - | - | - | - | - |
| 2412 | 57 | V-98    | <u>N</u> -(3-cyclohexylaminopropyl)-  | n        | n        | n         | - | - | - | - | - |
| 2413 | 46 | 252     | hydroxyethyl-   | n        | n        | n         | - | - | - | - | - |
| 2414 | 25 | 905,121 | 4-(2-naphthylthioacetyl)-   | <u>2</u> | <u>2</u> | n         | - | - | - | - | - |
| 2415 | 25 | 507,530 | 2-nonanoyl-   | n        | n        | n         | - | - | - | - | - |
| 2416 | 25 | 503,063 | 4-octanoyl-   | n        | n        | n         | - | - | - | - | - |
| 2417 | 25 | 507,537 | 4-palmitoyl-  | n        | n        | n         | - | - | - | - | - |
| 2418 | 25 | 901,728 | 4-(phenylthioacetyl)-   | n        | n        | n         | - | - | - | - | - |
| 2419 | 57 | V-219   | 4-[2-(2-pyridylethylamino)ethyl]-   | n        | n        | n         | - | - | - | - | - |
| 2420 | 25 | 905,123 | 4-[(5,6,7,8-tetrahydro-2-naphthyl)thioacetyl]-                              | <u>2</u> | <u>2</u> | <u>12</u> | - | - | - | - | - |

| Rept. No. | Subm. No. | Code     | Name of Chemical   | Concentration in ppm |    |    |     |   |    |     |   |    |   |
|-----------|-----------|----------|--|----------------------|----|----|-----|---|----|-----|---|----|---|
|           |           |          |  | 5.0                  |    |    | 1.0 |   |    | 0.1 |   |    |   |
|           |           |          |  | T                    | B  | SL | T   | B | SL | T   | B | SL |   |
| 2421      | 54        |          | 4-Morpholinecarboxylic acid; isopropyl ester                 | n                    | -  | n  | -   | - | -  | -   | - | -  | - |
| 2422      | 25        | 510, 336 | 3-Morpholinone   | n                    | n  | n  | -   | - | -  | -   | - | -  | - |
| 2423      | 47        |          | Mucochloric acid; benzyl ester                               | 3                    | 3  | 13 | -   | - | -  | -   | - | -  | - |
| 2424      | 47        |          | 2-chloroethyl ester  | 3                    | 8  | 14 | -   | - | -  | -   | - | -  | - |
| 2425      | 57        | Cr-861   | Myristanilide  | n                    | n  | n  | -   | - | -  | -   | - | -  | - |
| 2426      | 57        | Cr-696   | p-benzyloxy-   | n                    | n  | n  | -   | - | -  | -   | - | -  | - |
| 2427      | 57        | Cr-672   | p-hydroxy-   | n                    | n  | n  | -   | - | -  | -   | - | -  | - |
| 2428      | 57        | Cr-615   | Myristic acid; 2- [2- (2-chloroethoxy) ethoxy] ethyl ester   | n                    | n  | n  | -   | - | -  | -   | - | -  | - |
| 2429      | 57        | Cr-581   | 2- (2-chloroethoxy) ethyl ester                              | n                    | n  | n  | -   | - | -  | -   | - | -  | - |
| 2430      | 58        | O-3496   | diethylene glycol monoester                                  | n                    | n  | n  | -   | - | -  | -   | - | -  | - |
| 2431      | 58        | O-3498   | glycerol-1, 3-dimethyl ether ester                           | n                    | n  | n  | -   | - | -  | -   | - | -  | - |
| 2432      | 58        | O-3490   | glycidyl ester   | -                    | -  | n  | -   | - | -  | -   | - | -  | - |
| 2433      | 57        | Cr-649   | p-nitrophenyl ester  | n                    | n  | n  | -   | - | -  | -   | - | -  | - |
| 2434      | 57        | Cr-616   | 2- [2- (2-thiocynoethoxy) ethoxy] ethyl ester                | n                    | n  | n  | -   | - | -  | -   | - | -  | - |
| 2435      | 25        | 105, 329 | 1-Naphthaldehyde, 2-ethoxy-                                  | -                    | -  | n  | -   | - | -  | -   | - | -  | - |
| 2436      | 57        | Cr-1086  | Naphthalene, 2, 2'-bis (2-chloroethoxy) -1, 1'-sulfinyldi-   | n                    | n  | n  | -   | - | -  | -   | - | -  | - |
| 2437      | 25        | 001, 147 | 1-bromo-2, 3-dimethyl-                                       | n                    | 23 | n  | -   | - | -  | -   | - | -  | - |
| 2438      | 57        | Cr-944   | 1- (2-bromoethoxy) -   | n                    | n  | n  | -   | - | -  | -   | - | -  | - |
| 2439      | 57        | Cr-945   | 1- (2-bromoethoxy) -4-nitro-                                 | n                    | 3  | n  | -   | - | -  | -   | - | -  | - |
| 2440      | 25        | 403, 152 | 2-bromo-6-methoxy-   | -                    | -  | n  | -   | - | -  | -   | - | -  | - |
| 2441      | 46        | 107      | dibromo-   | n                    | n  | n  | -   | - | -  | -   | - | -  | - |
| 2442      | 25        | 000, 389 | 1, 6-dimethyl-   | -                    | -  | n  | -   | - | -  | -   | - | -  | - |
| 2443      | 46        | 76       | Naphthaleneacetic acid                                       | n                    | n  | 12 | -   | - | -  | -   | - | -  | - |
| 2444      | 46        | 12       | 1-Naphthaleneacetic acid; p-chlorobenzyl ester               | n                    | 22 | 17 | -   | - | -  | -   | - | -  | - |
| 2445      | 25        | 106, 626 | 2-Naphthaleneacetic acid, 5, 6, 7, 8-tetrahydro-             | n                    | n  | n  | -   | - | -  | -   | - | -  | - |
| 2446      | 25        | 106, 622 | 1, 4-Naphthalenedicarboxylic acid                            | n                    | n  | n  | -   | - | -  | -   | - | -  | - |
| 2447      | 25        | 106, 649 | 2, 3-Naphthalenedicarboxylic acid, 1, 4-diphenyl-; anhydride | -                    | -  | n  | -   | - | -  | -   | - | -  | - |
| 2448      | 25        | 101, 082 | 2, 3-Naphthalenediol   | -                    | -  | n  | -   | - | -  | -   | - | -  | - |
| 2449      | 25        | 403, 517 |  |                      |    |    |     |   |    |     |   |    |   |
|           |           | -66      | 1, 3-Naphthalenedisulfonic acid, 7-hydroxy-; disodium salt   | n                    | n  | n  | -   | - | -  | -   | - | -  | - |

|      |    |         |  |    |    |           |   |   |   |   |   |   |
|------|----|---------|--|----|----|-----------|---|---|---|---|---|---|
| 2450 | 25 | 906,696 | 2,7-Naphthalenedisulfonic acid, 3-( <i>p</i> -aminophenylazo)- |    |    |           |   |   |   |   |   |   |
|      |    | -65     | 4,5-dihydroxy-; disodium salt                                  | n  | n  | n         | - | - | - | - | - | - |
| 2451 | 25 | 401,839 | 1-Naphthalenemethanephosphonic acid                            | -  | -  | n         | - | - | - | - | - | - |
| 2452 | 25 | 001,067 | 1-Naphthalenemethanethiol                                      | 13 | 4  | n         | - | - | - | - | - | - |
| 2453 | 63 | O-3712  | 2-Naphthalenesulfonamide, <i>N,N</i> -dicyanoethyl-            | n  | n  | n         | - | - | - | - | - | - |
| 2454 | 14 |         | <i>x</i> -Naphthalenesulfonic acid, <i>x</i> -alkyl-;          |    |    |           |   |   |   |   |   |   |
|      |    |         | sodium salt ("Sorbit AC")                                      | -  | -  | n         | - | - | - | - | - | - |
| 2455 | 14 |         | "ditto" ("Sorbit P")   | -  | -  | n         | - | - | - | - | - | - |
| 2456 | 49 |         | 1-Naphthalenesulfonic acid, 4-amino-5-hydroxy-                 | 12 | n  | n         | - | - | - | - | - | - |
| 2457 | 25 | 904,279 | 2-( <i>N</i> -methylacetamido)-                                | n  | n  | n         | - | - | - | - | - | - |
| 2458 | 49 |         | 3-Naphthalenesulfonic acid, 7-amino-1-hydroxy-                 | n  | n  | n         | - | - | - | - | - | - |
| 2459 | 25 | 904,139 | 1,3,6-Naphthalenetrisulfonic acid, 9-amino-; disodium salt     | n  | 13 | n         | - | - | - | - | - | - |
|      |    | -65     |  |    |    |           |   |   |   |   |   |   |
| 2460 | 58 | O-1854  | Naphthenic acid  | n  | n  | n         | - | - | - | - | - | - |
|      |    | -a      |  |    |    |           |   |   |   |   |   |   |
| 2461 | 58 | O-4226  | butyl ester  | n  | n  | n         | - | - | - | - | - | - |
| 2462 | 8  |         | "D"  | -  | -  | n         | - | - | - | - | - | - |
| 2463 | 58 | O-4228  | glycol ester   | n  | n  | n         | - | - | - | - | - | - |
| 2464 | 34 |         | mercury salt, 25% Hg ("Nuodex Mercury 25%")                    | 5  | 15 | <u>13</u> | - | - | - | - | - | - |
| 2465 | 34 |         | mercury salt, 10% Hg, mixed with cresol                        |    |    |           |   |   |   |   |   |   |
|      |    |         | ("AD-IT")  | -  | -  | n         | - | - | - | - | - | - |
| 2466 | 49 |         | phenyl mercuric ester  | 1  | 2  | 12        | - | - | - | - | - | - |
| 2467 | 58 | O-4230  | tetrahydrofurfuryl ester                                       | n  | n  | n         | - | - | - | - | - | - |
| 2468 | 57 | Cr-37   | chloro-  | n  | n  | n         | - | - | - | - | - | - |
| 2469 | 57 | Cr-38   | dichloro-  | n  | n  | n         | - | - | - | - | - | - |
| 2470 | 25 | 107,554 | 1-Naphthoic acid, 2-hydroxy-                                   | n  | n  | n         | - | - | - | - | - | - |
| 2471 | 25 | 508,464 | 8-nitro-   | -  | -  | n         | - | - | - | - | - | - |
| 2472 | 25 | 101,084 | 2-Naphthoic acid   | -  | -  | n         | - | - | - | - | - | - |
| 2473 | 25 | 103,630 | 6,7-dimethoxy-4-(3,4-dimethoxyphenyl)-                         |    |    |           |   |   |   |   |   |   |
|      |    |         | 3-hydroxymethyl-1,2,3,4-tetrahydro-;                           |    |    |           |   |   |   |   |   |   |
|      |    |         | $\gamma$ -lactone (from <i>a</i> -conidendrin)                 | -  | -  | n         | - | - | - | - | - | - |
| 2474 | 46 | 25      | 1-hydroxy-; <i>p</i> -chlorobenzyl ester                       | n  | n  | n         | - | - | - | - | - | - |
| 2475 | 46 | 27      | 3-hydroxy-; <i>p</i> -chlorobenzyl ester                       | n  | n  | n         | - | - | - | - | - | - |
| 2476 | 25 | 103,629 | 6-hydroxy-4-(4-hydroxy-3-methoxyphenyl)-                       |    |    |           |   |   |   |   |   |   |
|      |    |         | 3-hydroxymethyl-7-methoxy-1,2,3,4-                             |    |    |           |   |   |   |   |   |   |
|      |    |         | tetrahydro-; (from <i>a</i> -conidendrin)                      | -  | -  | n         | - | - | - | - | - | - |
| 2477 | 25 | 400,841 | 3-hydroxy-7-sulfo-   | -  | -  | n         | - | - | - | - | - | - |
| 2478 | 49 |         | 3-Naphthoic acid, 1-amino-                                     | n  | n  | n         | - | - | - | - | - | - |



| Rept. No. | Subm. No. | Subm. Code No. | Name of Chemical   | Concentration in ppm |               |           |     |   |    |     |   |    |
|-----------|-----------|----------------|--|----------------------|---------------|-----------|-----|---|----|-----|---|----|
|           |           |                |  | 5.0                  |               |           | 1.0 |   |    | 0.1 |   |    |
|           |           |                |  | T                    | B             | SL        | T   | B | SL | T   | B | SL |
| 2479      | 46        | 180            | 1-Naphthol   | 5                    | 5             | n         | -   | - | -  | -   | - | -  |
| 2480      | 58        | O-183-a        | 2,4-dichloro-  | 3                    | 4             | 14        | -   | - | -  | -   | - | -  |
| 2481      | 25        | 403,150        | 2-Naphthol, 6-bromo-   | 5                    | 5             | <u>2</u>  | -   | - | -  | -   | - | -  |
| 2482      | 25        | 104,915        | <u>cis</u> -decahydro-   | -                    | -             | n         | -   | - | -  | -   | - | -  |
| 2483      | 25        | 403,757        | 1,6-dibromo-   | 3                    | 5             | 13        | -   | - | -  | -   | - | -  |
| 2484      | 57        | Cr-241         | 1-nitro-   | -                    | n             | n         | -   | - | -  | -   | - | -  |
| 2485      | 57        | Lo-463         | 1-piperidinomethyl-  | $\frac{1}{4}$        | $\frac{1}{2}$ | n         | -   | - | -  | -   | - | -  |
| 2486      | 58        | O-2265         |  |                      |               |           |     |   |    |     |   |    |
|           |           | -a             | tribromo-  | 1                    | 3             | 13        | -   | - | -  | -   | - | -  |
| 2487      | 54        |                | x,x-Naphthoquinone   | $\frac{1}{2}$        | 3             | 5         | 3   | 3 | 14 | n   | n | n  |
| 2488      | 52        |                | 2,3-dichloro-  | 2                    | 3             | 12        | -   | - | -  | -   | - | -  |
| 2489      | 25        | 100,251        | 1,2-Naphthoquinone   | 2                    | 3             | 4         | 3   | 4 | 12 | n   | n | n  |
| 2490      | 55        |                | 1,4-Naphthoquinone,  |                      |               |           |     |   |    |     |   |    |
|           |           |                | 2,3-dichloro- ("Phygon-XL", 50% active)  | $\frac{1}{2}$        | $\frac{1}{2}$ | 12        | -   | - | -  | -   | - | -  |
| 2491      | 55        |                | "ditto" ("Phygon Technical", 95% active)   | $\frac{1}{2}$        | $\frac{1}{2}$ | 4         | 3   | 2 | 13 | 3   | n | n  |
| 2492      | 57        | Q-189          | 9,9-dimethoxy-5,8- <u>endo</u> methylene-5,6,7,8-tetrachloro-5,6,7,8-tetrahydro- | n                    | <u>13</u>     | n         | -   | - | -  | -   | - | -  |
| 2493      | 31        | 122            | 2-methoxy-   | 2                    | 5             | <u>14</u> | -   | - | -  | -   | - | -  |
| 2494      | 68        |                | 2-methyl-  | 1                    | 3             | 12        | -   | - | -  | -   | - | -  |
| 2495      | 25        | 107,553        | 4a,5,8,8a-tetrahydro-  | 1                    | 1             | 10        | -   | - | -  | -   | - | -  |
| 2496      | 49        |                | 1,2-Naphthoquinone-4-sulfonic acid; ammonium salt                                | n                    | n             | n         | -   | - | -  | -   | - | -  |
| 2497      | 46        | 219            | 1-Naphthylamine  | n                    | $\frac{1}{2}$ | n         | -   | - | -  | -   | - | -  |
| 2498      | 49        |                | compound with 1,3,5-trinitrobenzene  | 12                   | 12            | <u>12</u> | -   | - | -  | -   | - | -  |
| 2499      | 46        | 221            | <u>N</u> -phenyl-  | n                    | n             | n         | -   | - | -  | -   | - | -  |
| 2500      | 58        | O-68           | 2-Naphthylamine, <u>N</u> -phenyl-   | -                    | -             | n         | -   | - | -  | -   | - | -  |
| 2501      | 49        |                | Naringenin   | -                    | -             | n         | -   | - | -  | -   | - | -  |
| 2502      | 25        | X00,400        |  |                      |               |           |     |   |    |     |   |    |
|           |           | -01            | Nickel (II) chlorate; hexahydrate  | -                    | -             | n         | -   | - | -  | -   | - | -  |
| 2503      | 25        | X00,403        | Nickel (II) selenate   | -                    | -             | n         | -   | - | -  | -   | - | -  |
| 2504      | 25        | X00,404        | Nickel (II) tungstate  | -                    | -             | n         | -   | - | -  | -   | - | -  |
| 2505      | 25        | 800,203        | <u>l</u> -Nicotine (naturally occurring form)                                    | n                    | 21            | n         | -   | - | -  | -   | - | -  |
| 2506      | 25        | 800,203        |  |                      |               |           |     |   |    |     |   |    |
|           |           | -A5            | Nicotine; complex with $\frac{1}{2}$ f. wt. of cadmium thiocyanate               | 2                    | 2             | n         | -   | - | -  | -   | - | -  |
| 2507      | 25        | 800,203        |  |                      |               |           |     |   |    |     |   |    |
|           |           | -A3            | complex with 1 f. wt. copper (I) thiocyanate                                     | n                    | 13            | n         | -   | - | -  | -   | - | -  |



| Rept. No. | Subm. No. | Subm. Code No. | Name of Chemical  | Concentration in ppm |               |    |     |   |    |     |   |    |
|-----------|-----------|----------------|---|----------------------|---------------|----|-----|---|----|-----|---|----|
|           |           |                |   | 5.0                  |               |    | 1.0 |   |    | 0.1 |   |    |
|           |           |                |   | T                    | B             | SL | T   | B | SL | T   | B | SL |
| 2532      | 57        | Cr-1237        | Nordicyclopentane, x-bromo-x, x-dichloro-                       | n                    | $\frac{1}{4}$ | n  | -   | - | -  | -   | - | -  |
| 2533      | 25        | 508,501        | Octadecanamide, <u>N</u> -benzyl-                               | -                    | -             | n  | -   | - | -  | -   | - | -  |
| 2534      | 25        | 508,072        | <u>N</u> -(hydroxymethyl)-                                      | -                    | -             | n  | -   | - | -  | -   | - | -  |
| 2535      | 25        | 508,084        | <u>N,N'</u> - <u>m</u> -phenylenebis-                           | -                    | -             | n  | -   | - | -  | -   | - | -  |
| 2536      | 25        | 508,088        | <u>N,N'</u> -3,4-tolylenebis-                                   | -                    | -             | n  | -   | - | -  | -   | - | -  |
| 2537      | 57        | Cr-29          | Octadecanoic acid, 9-chloro-                                    | -                    | -             | n  | -   | - | -  | -   | - | -  |
| 2538      | 57        | Cr-35          | 8,9-dichloro-   | -                    | -             | n  | -   | - | -  | -   | - | -  |
| 2539      | 25        | 400,202        |   |                      |               |    |     |   |    |     |   |    |
|           |           | -65            | x-(4-ethyl-3-sulfophenyl)-; disodium salt                       | -                    | -             | n  | -   | - | -  | -   | - | -  |
| 2540      | 25        | 107,780        | 12-hydroxy-   | -                    | -             | n  | -   | - | -  | -   | - | -  |
| 2541      | 25        | 107,782        | methyl ester  | -                    | -             | n  | -   | - | -  | -   | - | -  |
| 2542      | 25        | 107,796        | triglyceride  | -                    | -             | n  | -   | - | -  | -   | - | -  |
| 2543      | 25        | 400,042        | 1-Octadecanone, 1-(2-thienyl)-                                  | -                    | -             | n  | -   | - | -  | -   | - | -  |
| 2544      | 58        | O-5734         | 9-Octadecenylamine, <u>N,N</u> -dimethyl-                       | 8                    | 13            | 13 | -   | - | -  | -   | - | -  |
| 2545      | 57        | Cr-693         | Octananilide, <u>o</u> -nitro-                                  | n                    | n             | n  | -   | - | -  | -   | - | -  |
| 2546      | 11        |                | <u>n</u> -Octanenitrile ("Arneel 8D")                           | n                    | n             | n  | -   | - | -  | -   | - | -  |
| 2547      | 57        | Cr-653         | Octanoic acid; 4- <u>tert</u> -butyl-2-nitrophenyl ester        | n                    | n             | n  | -   | - | -  | -   | - | -  |
| 2548      | 57        | Cr-579         | 2-(2-chloroethoxy) ethyl ester                                  | n                    | n             | n  | -   | - | -  | -   | - | -  |
| 2549      | 57        | ER-141         | 1-cyano-2-ethylhexyl ester                                      | n                    | -             | n  | -   | - | -  | -   | - | -  |
| 2550      | 57        | ER-96          | 2-cyano-2-propyl ester  | 3                    | -             | n  | -   | - | -  | -   | - | -  |
| 2551      | 57        | ER-129         | ester with 2-hydroxy-2-methyloctanenitrile                      | n                    | -             | n  | -   | - | -  | -   | - | -  |
| 2552      | 57        | ER-114         | ester with $\beta, \beta, \beta$ -trichlorolactonitrile         | 4                    | -             | n  | -   | - | -  | -   | - | -  |
| 2553      | 25        | 100,523        |   |                      |               |    |     |   |    |     |   |    |
|           |           | -68            | nickel (II) salt  | n                    | n             | n  | -   | - | -  | -   | - | -  |
| 2554      | 57        | Cr-904         | <u>p</u> -nitrobenzyl ester                                     | n                    | n             | n  | -   | - | -  | -   | - | -  |
| 2555      | 57        | Cr-658         | <u>p</u> -nitrophenyl ester                                     | n                    | n             | n  | -   | - | -  | -   | - | -  |
| 2556      | 57        | Cr-668         | <u>o</u> -nitro- <u>p</u> -1,1,3,3-tetramethylbutylphenyl ester | n                    | n             | n  | -   | - | -  | -   | - | -  |
| 2557      | 57        | Cr-583         | 2-(2-thiocyanoethoxy) ethyl ester                               | 7                    | 11            | n  | -   | - | -  | -   | - | -  |
| 2558      | 25        | 506,709        |   |                      |               |    |     |   |    |     |   |    |
|           |           | -10            | 2-amino-; ethyl ester, hydrochloride                            | n                    | n             | n  | -   | - | -  | -   | - | -  |
| 2559      | 57        | SM-256         | 2-bromo-  | n                    | n             | n  | -   | - | -  | -   | - | -  |

|      |    |         |  |    |           |           |   |   |   |   |   |   |
|------|----|---------|--|----|-----------|-----------|---|---|---|---|---|---|
| 2560 | 25 | 104,944 | 1-Octanol, 3,7-dimethyl-   | 13 | n         | n         | - | - | - | - | - | - |
| 2561 | 57 | Cr-1831 | Octanophenone, 5-chloro-2-hydroxy-                                       | n  | n         | n         | - | - | - | - | - | - |
| 2562 | 57 | Cr-643  | Octanoyl chloride  | n  | n         | n         | - | - | - | - | - | - |
| 2563 | 57 | SM-271  | 2,4,6-Octatrienamamide, <u>N</u> -heptyl-                                | n  | n         | n         | - | - | - | - | - | - |
| 2564 | 57 | SM-279  | 2,4,6-Octatrienoic acid; $\beta$ - <u>tert</u> -butoxyethyl ester        | -  | -         | n         | - | - | - | - | - | - |
| 2565 | 57 | V-210   | 2-Octeneamine, <u>N</u> -(1,1,3,3-tetramethylbutyl)-5,5,7,7-tetramethyl- | 1  | 4         | 13        | - | - | - | - | - | - |
| 2566 | 57 | SM-304  | 4-Octen-1-yne, 3-acetoxy-4-ethyl-  | n  | n         | n         | - | - | - | - | - | - |
| 2567 | 57 | SM-287  | 4-ethyl-3-hydroxy-   | -  | -         | n         | - | - | - | - | - | - |
| 2568 | 57 | SM-299  | 4-ethyl-3-sorboxy-   | 13 | n         | n         | - | - | - | - | - | - |
| 2569 | 49 |         | Octofolline  | 3  | <u>14</u> | 14        | - | - | - | - | - | - |
| 2570 | 46 | 299     | Octyl alcohol  | -  | -         | n         | - | - | - | - | - | - |
| 2571 | 25 | 800,863 |  |    |           |           |   |   |   |   |   |   |
|      |    | -A1     | Octylamine; complex with $\frac{1}{2}$ f. wt. fluosilicic acid           | n  | n         | n         | - | - | - | - | - | - |
| 2572 | 11 |         | <u>n</u> -Octylamine ("Armeen 8")  | 4  | <u>12</u> | <u>12</u> | - | - | - | - | - | - |
| 2573 | 57 | WC-98   | <u>t</u> -Octylamine, <u>N</u> -butylcarbityl-                           | -  | -         | n         | - | - | - | - | - | - |
| 2574 | 57 | Mr-20   | <u>N</u> -(2-hydroxy-1-methylethyl)-                                     | -  | -         | n         | - | - | - | - | - | - |
| 2575 | 57 | Mr-19   | <u>N</u> -(2-hydroxy-1-vinylethyl)-                                      | -  | -         | n         | - | - | - | - | - | - |
| 2576 | 57 | WC-54   | <u>N</u> -phenylcarbital-  | n  | n         | n         | - | - | - | - | - | - |
| 2577 | 57 | FW-163  | Octylphenol-formaldehyde polymer and cyclohexylamine                     | 2  | 10        | <u>14</u> | - | - | - | - | - | - |
| 2578 | 57 | Cr-1085 | Octyl phosphate  | n  | n         | n         | - | - | - | - | - | - |
| 2579 | 25 | 000,096 | Octyl sulfide  | n  | -         | n         | - | - | - | - | - | - |
| 2580 | 57 | Q-295   | 1-Octyne, 3-di- <u>n</u> -butylamino-5,7,7-trimethyl-                    | -  | -         | n         | - | - | - | - | - | - |
| 2581 | 57 | Q-286   | 3-diethanolamino-5,7,7-trimethyl-  | -  | -         | n         | - | - | - | - | - | - |
| 2582 | 57 | Q-250   | 3-dimethylamino-5,7,7-trimethyl-   | -  | -         | n         | - | - | - | - | - | - |
| 2583 | 57 | Q-305   | 3-di(3',5',5'-trimethylhexyl)amino-5,7,7-trimethyl-                      | 6  | n         | n         | - | - | - | - | - | - |
| 2584 | 57 | SM-339  | 4-ethyl-3-hydroxy-   | n  | 12        | n         | - | - | - | - | - | - |
| 2585 | 57 | Q-302   | 3-[methyl-(2-dimethylaminoethyl)amino]-6,7,7-trimethyl-                  | 2  | 8         | n         | - | - | - | - | - | - |
| 2586 | 57 | Q-306   | 3-[methyl-(3',5',5'-trimethylhexyl)amino]-5,7,7-trimethyl-               | -  | -         | n         | - | - | - | - | - | - |
| 2587 | 57 | Q-300   | 4-Octyne, 3,6-bis-dimethylamino-2,7-dimethyl-                            | -  | -         | n         | - | - | - | - | - | - |
| 2588 | 57 | Cr-680  | Oleanilide, <u>p</u> -chloro-  | n  | n         | n         | - | - | - | - | - | - |
| 2589 | 57 | Cr-695  | <u>o</u> -nitro-   | n  | n         | n         | - | - | - | - | - | - |
| 2590 | 57 | Cr-895  | Oleic acid; 4- <u>tert</u> -butyl-2,6-dinitrophenyl ester                | 12 | n         | n         | - | - | - | - | - | - |
| 2591 | 57 | Cr-670  | <u>p</u> - <u>tert</u> -butyl- <u>o</u> -nitrophenyl ester               | n  | n         | n         | - | - | - | - | - | - |
| 2592 | 57 | Cr-603  | 2-[2-(2-chloroethoxy)ethoxy]ethyl ester                                  | n  | n         | n         | - | - | - | - | - | - |
| 2593 | 63 | O-6317  |  |    |           |           |   |   |   |   |   |   |
|      |    | -C      | diester of Pluronic F-68   | -  | -         | n         | - | - | - | - | - | - |

| Rept. No. | Subm. No. | Subm. Code No. | Name of Chemical   | Concentration in ppm |   |           |     |   |    |     |   |    |
|-----------|-----------|----------------|--|----------------------|---|-----------|-----|---|----|-----|---|----|
|           |           |                |  | 5.0                  |   |           | 1.0 |   |    | 0.1 |   |    |
|           |           |                |  | T                    | B | SL        | T   | B | SL | T   | B | SL |
| 2594      | 63        | O-6317<br>-B   | Oleic acid; monoester of Pluronic F-68                                     | -                    | - | n         | -   | - | -  | -   | - | -  |
| 2595      | 57        | Cr-669         | p-nitrophenyl ester  | n                    | n | n         | -   | - | -  | -   | - | -  |
| 2596      | 57        | Cr-674         | o-nitro-p-1,1,3,3-tetramethylbutylphenyl ester                             | n                    | n | n         | -   | - | -  | -   | - | -  |
| 2597      | 34        |                | phenylmercury salt, 10% Hg ("Nuodex PMO 10")                               | 4                    | 4 | 13        | -   | - | -  | -   | - | -  |
| 2598      | 57        | SM-6           | sodium salt  | -                    | - | n         | -   | - | -  | -   | - | -  |
| 2599      | 57        | Cr-613         | 2-[2-(2-thiocyanoethoxy)ethoxy]ethyl ester                                 | n                    | n | n         | -   | - | -  | -   | - | -  |
| 2600      | 57        | Cr-611         | 2-thiocyanoethyl ester   | n                    | n | n         | -   | - | -  | -   | - | -  |
| 2601      | 63        | O-4631         | Oleic acids; with 21 moles of ethylene oxide, condensation product         | -                    | - | n         | -   | - | -  | -   | - | -  |
| 2602      | 57        | Cr-678         | p-Oleotoluidide  | n                    | n | n         | -   | - | -  | -   | - | -  |
| 2603      | 25        | 104,322        | Opianic acid   | -                    | - | n         | -   | - | -  | -   | - | -  |
| 2604      | 46        | 292            | Orcinol  | -                    | - | n         | -   | - | -  | -   | - | -  |
| 2605      | 46        | 78             | Ovatran K-6451   | 1                    | 4 | n         | -   | - | -  | -   | - | -  |
| 2606      | 57        | Q-49           | 7-Oxabicyclo[4.1.0]heptene   | -                    | - | n         | -   | - | -  | -   | - | -  |
| 2607      | 57        | Lo-679         | Oxacyclohexane-3,5-dione, 4-isovaleryl-                                    | n                    | n | n         | -   | - | -  | -   | - | -  |
| 2608      | 25        | 100,687<br>-66 | Oxalic acid; hemicopper (II) salt with 1 f. wt. disodium oxalate dihydrate | -                    | - | n         | -   | - | -  | -   | - | -  |
| 2609      | 25        | 100,687<br>-A2 | monoaminezinc complex, trihydrate  | -                    | - | n         | -   | - | -  | -   | - | -  |
| 2610      | 57        | Lo-60          | dithio-; dihydrazide, dihydrochloride                                      | n                    | n | n         | -   | - | -  | -   | - | -  |
| 2611      | 49        |                | Oxamide, N,N'-dicyclohexyl-  | -                    | - | n         | -   | - | -  | -   | - | -  |
| 2612      | 49        |                | N,N'-diisopropyl-  | n                    | n | <u>12</u> | -   | - | -  | -   | - | -  |
| 2613      | 57        | V-68           | dinonyl-   | -                    | - | n         | -   | - | -  | -   | - | -  |
| 2614      | 25        | 803,317<br>-10 | Oxamidine, N,N"-diisopropyl-; dihydrochloride                              | -                    | - | n         | -   | - | -  | -   | - | -  |
| 2615      | 25        | 803,322        | N,N',N",N"'-tetrapropyl-   | -                    | - | n         | -   | - | -  | -   | - | -  |
| 2616      | 57        | Cr-1108        | Oxanilic acid  | n                    | n | n         | -   | - | -  | -   | - | -  |
| 2617      | 57        | Cr-1109        | copper (II) salt   | 14                   | n | 14        | -   | - | -  | -   | - | -  |
| 2618      | 57        | Cr-1104        | 2'-carboxy-  | n                    | n | n         | -   | - | -  | -   | - | -  |
| 2619      | 57        | Cr-1105        | copper (II) salt   | 12                   | n | <u>12</u> | -   | - | -  | -   | - | -  |
| 2620      | 57        | Cr-438         | 1,3-Oxathiole, 2-imino-4,5-diphenyl-                                       | n                    | n | n         | -   | - | -  | -   | - | -  |
| 2621      | 57        | Lo-405         | Oxazolidine, 2-acetyl-2-methyl-  | n                    | n | n         | -   | - | -  | -   | - | -  |
| 2622      | 57        | Lo-590         | 2,4-Oxazolidinedione, 5-methyl-3-trichloromethylsulfenyl-                  | $\frac{1}{2}$        | 1 | n         | -   | - | -  | -   | - | -  |
| 2623      | 57        | Lo-631         | 3-trichloromethylsulfenyl-   | n                    | n | n         | -   | - | -  | -   | - | -  |

|      |    |         |  |   |    |          |   |   |   |   |   |   |
|------|----|---------|--|---|----|----------|---|---|---|---|---|---|
| 2624 | 25 | 500,042 | 2-Oxazoline, 2-hendecyl-                             | n | n  | n        | - | - | - | - | - | - |
| 2625 | 25 | 508,486 | 2-Oxazolin-5-one, 4-benzylidene-2-phenyl-            | - | -  | n        | - | - | - | - | - | - |
| 2626 | 25 | 403,637 | Oxepane, dodecafluoro-                               | - | -  | n        | - | - | - | - | - | - |
| 2627 | 58 | O-5988  | 1a-Oxir [a]indene, 6,6a-dihydro-                     | - | -  | n        | - | - | - | - | - | - |
| 2628 | 25 | 403,639 | Oxonane, hexadecafluoro-                             | - | -  | n        | - | - | - | - | - | - |
| 2629 | 58 | O-3503  | Palmitic acid; glycol monoester                      | - | -  | n        | - | - | - | - | - | - |
| 2630 | 57 | Cr-905  | p-nitrobenzyl ester                                  | n | n  | n        | - | - | - | - | - | - |
| 2631 | 49 |         | Parabanic acid                                       | - | -  | n        | - | - | - | - | - | - |
| 2632 | 42 |         | Paraffin, nitro-; insecticide ("Dilan") (25% active) | 1 | 1  | <u>1</u> | - | - | - | - | - | - |
| 2633 | 46 | 99      | Parathion (98%)                                      | 6 | 10 | n        | - | - | - | - | - | - |
| 2634 | 31 |         | Patulin  | n | n  | n        | - | - | - | - | - | - |
| 2635 | 57 | Q-280   | 7-Pentadecyne, 2,2,4-trimethyl-6,9-dimethylamino-    | n | n  | n        | - | - | - | - | - | - |
| 2636 | 57 | SM-170  | 1,3-Pentadiene, 4-acetoxy-2-methyl-                  | - | -  | n        | - | - | - | - | - | - |
| 2637 | 54 |         | Pentaerythritol                                      | n | n  | n        | - | - | - | - | - | - |
| 2638 | 56 | 6292    | Pentalarm  | - | -  | n        | - | - | - | - | - | - |
| 2639 | 39 | CS-1017 | Pentane, 2-ethoxy-1-nitro-                           | n | n  | n        | - | - | - | - | - | - |
| 2640 | 25 | 001,053 | 1,2,3,4-tetrabromo-                                  | - | -  | n        | - | - | - | - | - | - |
| 2641 | 25 | 100,339 | 1,3-Pentanediol, 2-methyl-                           | - | -  | n        | - | - | - | - | - | - |
| 2642 | 25 | 100,308 | 2,4-Pentanediol, 2-methyl-                           | n | n  | n        | - | - | - | - | - | - |
| 2643 | 25 | 102,414 | 1,3-Pentanedione, 2,2,4-trimethyl-                   | - | -  | n        | - | - | - | - | - | - |
| 2644 | 49 |         | 2,4-Pentanedione                                     | - | -  | n        | - | - | - | - | - | - |
| 2645 | 49 |         | iron salt  | n | n  | n        | - | - | - | - | - | - |
| 2646 | 25 | 100,351 |  |   |    |          |   |   |   |   |   |   |
|      |    | -68     | nickel (II) derivative                               | - | -  | n        | - | - | - | - | - | - |
| 2647 | 49 |         | phenylmercurate                                      | 4 | 14 | n        | - | - | - | - | - | - |
| 2648 | 57 | Q-62    | 3-(1-hydroxy-2,2,2-trichloroethyl)-                  | n | n  | n        | - | - | - | - | - | - |
| 2649 | 25 | 507,515 | 1,2,3,4,5-Pentanepentol, 1-(2-benzimidazolyl)-;      |   |    |          |   |   |   |   |   |   |
|      |    |         | D-glucoside  | - | -  | n        | - | - | - | - | - | - |
| 2650 | 25 | 103,203 | 2-Pentanone, 4-methyl-1-phenyl-                      | n | 11 | n        | - | - | - | - | - | - |
| 2651 | 57 | Cr-1604 | 4-methyl-x, x, x-trichloro-                          | n | n  | n        | - | - | - | - | - | - |
| 2652 | 57 | Cr-1605 | 4-methyl-x, x, x, x-tetrachloro-                     | n | n  | n        | - | - | - | - | - | - |
| 2653 | 25 | 105,512 | 3-Pentanone, 1,5-diphenyl-                           | 2 | 13 | n        | - | - | - | - | - | - |
| 2654 | 57 | SM-379  | x-Pentenamide, N-isobutyl-5-butylmercapto-           | n | n  | n        | - | - | - | - | - | - |
| 2655 | 57 | SM-405  | 1-Pentene, 3-hydroxy-4-methyl-                       | n | n  | n        | - | - | - | - | - | - |
| 2656 | 57 | ER-125  | 3-Pentenitrile, 2-hydroxy-; p-chlorobenzoate         | 4 | -  | 14       | - | - | - | - | - | - |

| Rept. No. | Subm. No. | Subm. Code No. | Name of Chemical   | Concentration in ppm |    |    |     |   |    |     |   |    |
|-----------|-----------|----------------|--|----------------------|----|----|-----|---|----|-----|---|----|
|           |           |                |  | 5.0                  |    |    | 1.0 |   |    | 0.1 |   |    |
|           |           |                |  | T                    | B  | SL | T   | B | SL | T   | B | SL |
| 2657      | 57        | ER-122         | 3-Pentenenitrile, 2-hydroxy-; crotonate  | 5                    | -  | n  | -   | - | -  | -   | - | -  |
| 2658      | 57        | ER-142         | furoate  | 3                    | -  | 13 | -   | - | -  | -   | - | -  |
| 2659      | 57        | SM-358         | 2-Pentenoic acid, 5-methylmercapto-  | -                    | -  | n  | -   | - | -  | -   | - | -  |
| 2660      | 25        | 506,006        | 3-Pentenoic acid, 2-cyano-3-ethyl-2-methyl-; ethyl ester                                     | -                    | -  | n  | -   | - | -  | -   | - | -  |
| 2661      | 57        | Mr-10          | Pentylideneimine, 1-cyclohexyl-3-ethyl-  | n                    | n  | n  | -   | - | -  | -   | - | -  |
| 2662      | 25        | 402,928        | Pentyl phosphite, di-  | -                    | -  | n  | -   | - | -  | -   | - | -  |
| 2663      | 46        | 154            | Pentynol, methyl-  | -                    | -  | n  | -   | - | -  | -   | - | -  |
| 2664      |           |                | Percarbamic acid, dimethyltrithio-; butyl ester  | 2                    | 5  | 13 | -   | - | -  | -   | - | -  |
| 2665      | 25        | Y00,062        | Perdikoflin  | n                    | 13 | 13 | -   | - | -  | -   | - | -  |
| 2666      | 57        | Cr-89          | Perthiocyanic acid   | -                    | -  | n  | -   | - | -  | -   | - | -  |
| 2667      |           |                | copper (II) salt   | -                    | -  | n  | -   | - | -  | -   | - | -  |
| 2668      | 25        | 500,613        |  | -                    | -  | n  | -   | - | -  | -   | - | -  |
|           |           | -10            | Phemerol   | -                    | -  | n  | -   | - | -  | -   | - | -  |
| 2669      | 25        | 000,072        | Phenanthrene   | 12                   | 12 | n  | -   | - | -  | -   | - | -  |
| 2670      | 25        | 500,245        |  | -                    | -  | n  | -   | - | -  | -   | - | -  |
|           |           | -10            | 9-Phenanthrenemethanol, $\alpha$ - (dipentylaminomethyl) -1,2,3,4-tetrahydro-; hydrochloride | -                    | -  | n  | -   | - | -  | -   | - | -  |
| 2671      | 46        | 173            | <u>o</u> -Phenanthroline; monohydrate  | -                    | -  | n  | -   | - | -  | -   | - | -  |
| 2672      | 58        | O-65           | Phenazine  | -                    | -  | n  | -   | - | -  | -   | - | -  |
| 2673      | 54        |                | Phenethyl alcohol; carbanilate   | 6                    | -  | 14 | -   | - | -  | -   | - | -  |
| 2674      | 25        | 506,853        | <u>o</u> - (and <u>p</u> )-amino- $\alpha$ -methyl-  | -                    | -  | n  | -   | - | -  | -   | - | -  |
| 2675      | 58        | O-5893         | <u>p</u> -iso-butoxy-  | -                    | -  | n  | -   | - | -  | -   | - | -  |
| 2676      | 12        |                | <u>d</u> -Phenethylamine, <u>N</u> , $\alpha$ -dimethyl-; hydrochloride (U. S. P.)           | n                    | n  | 13 | -   | - | -  | -   | - | -  |
| 2677      | 12        |                | $\alpha$ -methyl-; sulfate   | n                    | n  | n  | -   | - | -  | -   | - | -  |
| 2678      | 12        |                | <u>L</u> -Phenethylamine, $\alpha$ -methyl- (technical)                                      | -                    | -  | n  | -   | - | -  | -   | - | -  |
| 2679      | 12        |                | <u>N</u> , $\alpha$ -dimethyl- (technical)   | -                    | -  | n  | -   | - | -  | -   | - | -  |
| 2680      | 46        | 242            | <u>m</u> -Phenetidine  | -                    | -  | n  | -   | - | -  | -   | - | -  |
| 2681      | 25        | 501,342        | <u>p</u> -Phenetidine  | -                    | -  | n  | -   | - | -  | -   | - | -  |
| 2682      | 49        |                | Phenetole, 4-amino-3-nitro-  | n                    | n  | n  | -   | - | -  | -   | - | -  |
| 2683      | 57        | Cr-913         | $\beta$ -bromo-4- <u>tert</u> -butyl-2-nitro-  | n                    | n  | n  | -   | - | -  | -   | - | -  |
| 2684      | 57        | Cr-935         | $\beta$ -bromo-2-cyclohexyl-4-nitro-   | n                    | n  | n  | -   | - | -  | -   | - | -  |
| 2685      | 57        | Cr-896         | $\beta$ -bromo-2-(2-methylallyl) -   | n                    | n  | n  | -   | - | -  | -   | - | -  |
| 2686      | 57        | Cr-942         | $\beta$ -bromo-4-nitro-  | $\frac{1}{2}$        | n  | n  | -   | - | -  | -   | - | -  |
| 2687      | 57        | Cr-385         | 4- <u>tert</u> -butyl- $\beta$ -chloro-  | n                    | 1  | n  | -   | - | -  | -   | - | -  |
| 2688      | 57        | Cr-659         | 4- <u>tert</u> -butyl- $\beta$ -chloro-2-nitro-  | n                    | n  | n  | -   | - | -  | -   | - | -  |
| 2689      | 57        | Cr-933         | $\beta$ -chloro-2-cyclohexyl-  | n                    | n  | n  | -   | - | -  | -   | - | -  |

|      |    |          |  |          |                                 |    |   |   |   |   |   |   |
|------|----|----------|--|----------|---------------------------------|----|---|---|---|---|---|---|
| 2690 | 57 | Cr-507   | Phenetole, $\beta$ -chloro-4-(1,1-dimethylpropyl)-         | <u>7</u> | <u>3</u>                        | n  | - | - | - | - | - | - |
| 2691 | 57 | Cr-510   | $\beta$ -chloro-x-methyl-                                  | n        | n                               | n  | - | - | - | - | - | - |
| 2692 | 57 | Cr-407   | $\beta$ -chloro-2-methyl-                                  | n        | <u><math>\frac{1}{2}</math></u> | n  | - | - | - | - | - | - |
| 2693 | 57 | Cr-632   | $\beta$ -chloro-2-(1-methylheptyl)-                        | n        | n                               | n  | - | - | - | - | - | - |
| 2694 | 57 | Cr-372   | $\beta$ -chloro-4-nitro-                                   | n        | n                               | n  | - | - | - | - | - | - |
| 2695 | 25 | 401, 996 |  |          |                                 |    |   |   |   |   |   |   |
|      | 57 | Cr-408   | $\beta$ -chloro-2-phenyl-                                  | n        | n                               | n  | - | - | - | - | - | - |
| 2696 | 57 | Cr-386   | 4, $\beta$ -dichloro-                                      | n        | <u>1</u>                        | n  | - | - | - | - | - | - |
| 2697 | 57 | Cr-564   | $\beta$ , $\beta'$ -dichloro-4, 4'-sulfinyldi-             | n        | n                               | n  | - | - | - | - | - | - |
| 2698 | 57 | Cr-565   | $\beta$ , $\beta'$ -dichloro-4, 4'-sulfonyldi-             | n        | n                               | n  | - | - | - | - | - | - |
| 2699 | 58 | O-226-a  | 4-iodo-  | -        | -                               | n  | - | - | - | - | - | - |
| 2700 | 57 | Cr-963   | 2-nitro- $\beta$ , 4, 6-tribromo-                          | n        | n                               | n  | - | - | - | - | - | - |
| 2701 | 54 |          | 2, 3, 5, 6-tetrachloro-                                    | n        | -                               | n  | - | - | - | - | - | - |
| 2702 | 57 | Cr-957   | $\beta$ , 2, 4-tribromo-                                   | 14       | 14                              | n  | - | - | - | - | - | - |
| 2703 | 15 |          | Phenobarbital (U. S. P. XIV powder)                        | -        | -                               | n  | - | - | - | - | - | - |
| 2704 | 15 |          | Phenol (liquefied U. S. P. XIV)                            | 10       | n                               | n  | - | - | - | - | - | - |
| 2705 | 63 | O-5582   | Phenol; alkylene oxide, condensation product               | -        | -                               | n  | - | - | - | - | - | - |
| 2706 | 57 | SM-272   | 2-acetyl-4-methyl-   | -        | -                               | n  | - | - | - | - | - | - |
| 2707 | 25 | 500, 056 | 2-amino-   | -        | -                               | n  | - | - | - | - | - | - |
| 2708 | 57 | Cr-885   | <i>p</i> -toluenesulfonate ester                           | n        | n                               | n  | - | - | - | - | - | - |
| 2709 | 46 | 212      | 3-amino-   | -        | -                               | n  | - | - | - | - | - | - |
| 2710 | 25 | 500, 057 | 4-amino-   | 13       | 13                              | 13 | - | - | - | - | - | - |
| 2711 | 46 | 209      | hydrochloride  | 14       | 14                              | 14 | - | - | - | - | - | - |
| 2712 | 49 |          | 2-amino-4-nitro-   | -        | -                               | n  | - | - | - | - | - | - |
| 2713 | 25 | 500, 209 | 4-amino-2-phenyl-  | 5        | 5                               | 13 | - | - | - | - | - | - |
| 2714 | 31 | 295      | <i>p</i> -benzyl-  | 12       | n                               | n  | - | - | - | - | - | - |
| 2715 | 57 | Cr-1146  | 2-bromo-4- <i>tert</i> -butyl-; <i>p</i> -toluenesulfonate | n        | n                               | n  | - | - | - | - | - | - |
| 2716 | 57 | Cr-908   | 2-bromo-4- <i>tert</i> -butyl-6-nitro-                     | 2        | 3                               | 12 | - | - | - | - | - | - |
| 2717 | 57 | Cr-922   | acetate  | 4        | 12                              | 12 | - | - | - | - | - | - |
| 2718 | 57 | Cr-1139  | chloroacetate  | 6        | 10                              | 14 | - | - | - | - | - | - |
| 2719 | 57 | Cr-1003  | <i>p</i> -toluenesulfonate                                 | n        | n                               | n  | - | - | - | - | - | - |
| 2720 | 57 | Cr-925   | sodium derivative  | 2        | 2                               | 12 | - | - | - | - | - | - |
| 2721 | 25 | 403, 139 | 4-bromo-2, 6-dichloro-                                     | 3        | 3                               | n  | - | - | - | - | - | - |
| 2722 | 57 | Cr-1039  | 2-bromo-4-(1,1-dimethylpropyl)-6-nitro-                    | 1        | n                               | 13 | - | - | - | - | - | - |
| 2723 | 57 | Cr-1042  | acetate  | 3        | n                               | n  | - | - | - | - | - | - |
| 2724 | 57 | Cr-1040  | sodium derivative  | 2        | 5                               | 14 | - | - | - | - | - | - |
| 2725 | 25 | 402, 211 | 4-bromo-3-methoxy-   | n        | n                               | n  | - | - | - | - | - | - |
| 2726 | 57 | Cr-1041  | x-bromo-x-(1-methylheptyl)-x-nitro-                        | 1        | 1                               | 2  | 3 | 5 | 5 | n | n | n |
| 2727 | 57 | Cr-1043  | x-bromo-2-(1-methylheptyl)-x-nitro-; acetate               | 3        | n                               | 13 | - | - | - | - | - | - |



| Rept. No. | Subm. No. | Subm. Code No. | Name of Chemical   | Concentration in ppm |           |           |     |    |    |     |   |    |
|-----------|-----------|----------------|--|----------------------|-----------|-----------|-----|----|----|-----|---|----|
|           |           |                |  | 5.0                  |           |           | 1.0 |    |    | 0.1 |   |    |
|           |           |                |  | T                    | B         | SL        | T   | B  | SL | T   | B | SL |
| 2728      | 57        | Cr-1256        | Phenol, 4-bromo-2-methyl-6-nitro-; p-toluenesulfonate    | n                    | n         | n         | -   | -  | -  | -   | - | -  |
| 2729      | 57        | Cr-1014        | 4-bromo-2-nitro-   | 9                    | 14        | n         | -   | -  | -  | -   | - | -  |
| 2730      | 57        | Cr-1016        | p-toluenesulfonate                                       | n                    | n         | n         | -   | -  | -  | -   | - | -  |
| 2731      | 57        | Cr-1036        | 2-bromo-6-nitro-4-(1,1,3,3-tetramethylbutyl)-            | 2                    | 4         | 10        | -   | -  | -  | -   | - | -  |
| 2732      | 57        | Cr-1038        | acetate  | 11                   | 13        | <u>13</u> | -   | -  | -  | -   | - | -  |
| 2733      | 57        | Cr-1037        | sodium derivative  | 2                    | 10        | 10        | -   | -  | -  | -   | - | -  |
| 2734      | 25        | 400,703        |  |                      |           |           |     |    |    |     |   |    |
|           |           | -65            | 2-bromo-4-phenyl-; sodium derivative                     | 6                    | 14        | n         | -   | -  | -  | -   | - | -  |
| 2735      | 54        |                | x-(2-butenyl)-   | 9                    | n         | n         | -   | -  | -  | -   | - | -  |
| 2736      | 54        |                | 4-(2-butenyl)-   | <u>13</u>            | <u>13</u> | n         | -   | -  | -  | -   | - | -  |
| 2737      | 54        |                | 2-butyl-   | 1                    | 3         | <u>1</u>  | n   | n  | n  | n   | n | n  |
| 2738      | 54        |                | 4-butyl-   | <u>4</u>             | 9         | n         | -   | -  | -  | -   | - | -  |
| 2739      | 25        | 106,610        | 4-sec-butyl-   | <u>1/2</u>           | 1         | 8         | -   | -  | -  | -   | - | -  |
| 2740      | 46        | 64             | 4-tert-butyl-  | 3                    | 3         | n         | -   | -  | -  | -   | - | -  |
| 2741      | 57        | Cr-540         | acetate  | 2                    | 3         | n         | -   | -  | -  | -   | - | -  |
| 2742      | 57        | Cr-871         | p-toluenesulfonate                                       | n                    | n         | n         | -   | -  | -  | -   | - | -  |
| 2743      | 58        | O-60-a         | 4-tert-butyl-2-chloro-                                   | 9                    | 9         | n         | -   | -  | -  | -   | - | -  |
| 2744      | 57        | Cr-978         | 4-tert-butyl-2-chloro-6-nitro-                           | 2                    | 3         | n         | -   | -  | -  | -   | - | -  |
| 2745      | 57        | Cr-979         | acetate  | 5                    | 5         | 12        | -   | -  | -  | -   | - | -  |
| 2746      | 25        | 403,280        | 6-tert-butyl-2(?),4(?)-dichloro-3-isopropyl-             | -                    | -         | n         | -   | -  | -  | -   | - | -  |
| 2747      | 28        |                | 2-sec-butyl-x,x-dinitro ("Dow General Weed Killer")      | 1                    | 2         | 2         | 14  | 5  | 14 | n   | n | n  |
| 2748      | 57        | Cr-516         | 4-tert-butyl-2,6-dinitro-                                | 2                    | 10        | 2         | 13  | 13 | n  | n   | n | n  |
| 2749      | 57        | Cr-517         | acetate  | <u>1/2</u>           | 1         | 2         | 2   | 2  | 4  | 2   | 6 | n  |
| 2750      | 57        | Cr-893         | compound with pyridine                                   | 3                    | -         | <u>12</u> | -   | -  | -  | -   | - | -  |
| 2751      | 57        | Cr-1007        | copper (II) derivative                                   | 4                    | 14        | 10        | -   | -  | -  | -   | - | -  |
| 2752      | 57        | Cr-1001        | p-toluenesulfonate                                       | n                    | n         | n         | -   | -  | -  | -   | - | -  |
| 2753      | 25        | 107,559        | 2-tert-butyl-4-isopropyl-                                | 2                    | 6         | n         | -   | -  | -  | -   | - | -  |
| 2754      | 57        | Cr-556         | 4-tert-butyl-2-nitro-                                    | 12                   | n         | n         | -   | -  | -  | -   | - | -  |
| 2755      | 57        | Cr-639         | potassium derivative                                     | n                    | n         | n         | -   | -  | -  | -   | - | -  |
| 2756      | 57        | Cr-1000        | p-toluenesulfonate                                       | n                    | n         | n         | -   | -  | -  | -   | - | -  |
| 2757      | 54        |                | x-butyl-x,x,x,x-tetrachloro-; mixture of isomers         | n                    | n         | <u>13</u> | -   | -  | -  | -   | - | -  |
| 2758      | 57        | WC-73          | 2-capryl-; salt with cetyldimethylamine                  | 4                    | n         | n         | -   | -  | -  | -   | - | -  |
| 2759      | 57        | SM-135         | 2-capryl-6-crotonyl-                                     | 6                    | n         | n         | -   | -  | -  | -   | - | -  |
| 2760      | 57        | WC-70          | x-capryl-x,x-dinitro; salt with cetylamine, N,N-dimethyl | 2                    | 3         | 4         | 12  | n  | n  | n   | n | n  |

|      |    |         |  |               |               |           |    |   |    |   |    |   |
|------|----|---------|--|---------------|---------------|-----------|----|---|----|---|----|---|
| 2761 | 25 | 401,129 | Phenol, 2-chloro-                              | 13            | n             | n         | -  | - | -  | - | -  | - |
| 2762 | 57 | Cr-472  | 3-chloro-                                      | 13            | 13            | n         | -  | - | -  | - | -  | - |
| 2763 | 28 |         | 4-chloro-                                      | 3             | 4             | <u>3</u>  | -  | - | -  | - | -  | - |
| 2764 | 57 | WC-72   | cetyldimethylamine salt                        | 3             | 14            | <u>14</u> | -  | - | -  | - | -  | - |
| 2765 | 25 | 403,276 | 2(?) -chloro-4,6-diisopropyl-                  | n             | n             | n         | -  | - | -  | - | -  | - |
| 2766 | 25 | 900,567 | 2-chloro-4,6-dinitro-                          | 13            | 13            | n         | -  | - | -  | - | -  | - |
|      | 28 |         | "ditto"  | n             | n             | n         | -  | - | -  | - | -  | - |
|      | 57 | Cr-1280 | "ditto"  | n             | n             | n         | -  | - | -  | - | -  | - |
| 2767 | 46 | 182     | 4-chloro-2,6-dinitro-                          | -             | -             | n         | -  | - | -  | - | -  | - |
| 2768 | 25 | 403,291 | 2(?) -chloro-4,x-dipentyl-                     | -             | -             | n         | -  | - | -  | - | -  | - |
| 2769 | 49 |         | 2-chloromercuri-                               | 5             | 14            | <u>14</u> | -  | - | -  | - | -  | - |
| 2770 | 49 |         | 4-chloromercuri-                               | n             | n             | n         | -  | - | -  | - | -  | - |
| 2771 | 57 | Cr-1046 | x-chloro-2-(1-methylheptyl)-                   | 14            | n             | n         | -  | - | -  | - | -  | - |
| 2772 | 57 | Cr-1572 | x-(x-chloro-1-methylheptyl)-x,x-dichloro-      | 12            | n             | n         | -  | - | -  | - | -  | - |
| 2773 | 57 | Cr-1047 | x-chloro-2-(1-methylheptyl)-x-nitro-           | $\frac{1}{2}$ | 1             | 3         | 2  | 3 | 6  | n | n  | n |
| 2774 | 57 | Cr-1048 | acetate  | 10            | 14            | <u>14</u> | -  | - | -  | - | -  | - |
| 2775 | 28 |         |  |               |               |           |    |   |    |   |    |   |
|      | 57 | Cr-1279 | 2-chloro-4-nitro-                              | n             | n             | n         | -  | - | -  | - | -  | - |
| 2776 | 25 | 905,095 | 3-chloro-4-nitro-                              | $\frac{1}{2}$ | $\frac{1}{2}$ | 5         | n  | n | n  | n | n  | n |
| 2777 | 57 | Cr-1050 | 2-chloro-6-nitro-4-(1,1,3,3-tetramethylbutyl)- | 3             | 4             | <u>14</u> | -  | - | -  | - | -  | - |
| 2778 | 57 | Cr-1051 | acetate  | 14            | 14            | n         | -  | - | -  | - | -  | - |
| 2779 | 25 | 403,290 | 2(?) -chloro-4-nonyl-                          | 1             | 14            | n         | -  | - | -  | - | -  | - |
| 2780 | 25 | 403,299 | 4(?) -chloro-3-pentadecyl-                     | -             | -             | n         | -  | - | -  | - | -  | - |
| 2781 | 46 | 177     | x-chloro-2-phenyl-                             | 14            | n             | n         | -  | - | -  | - | -  | - |
| 2782 | 28 |         | 4- and 6-chloro-2-phenyl- ("Dowicide 31")      | 4             | 4             | <u>4</u>  | -  | - | -  | - | -  | - |
| 2783 | 31 | 857     | 2-chloro-4-phenylazo-                          | 4             | 5             | 5         | n  | n | n  | n | n  | n |
| 2784 | 57 | Cr-1049 | 2-chloro-4-(1,1,3,3-tetramethylbutyl)-         | 1             | 14            | n         | -  | - | -  | - | -  | - |
| 2785 | 28 |         | 2-cyclohexyl-x,x-dinitro- ("DN dry mix No. 1") | 1             | 3             | 3         | 4  | 4 | 4  | n | n  | n |
| 2786 | 58 | O-157-d | 2-cyclohexyl-4,6-dinitro-                      | $\frac{1}{4}$ | 1             | 1         | 1  | 3 | 3  | n | n  | n |
| 2787 | 57 | Cr-428  | 4-cyclohexyl-2,6-dinitro-; acetate             | $\frac{1}{2}$ | 1             | 9         | -  | - | -  | - | -  | - |
| 2788 | 54 |         | <u>o</u> -cyclopentenyl-                       | 12            | -             | <u>1</u>  | -  | - | -  | - | -  | - |
| 2789 | 54 |         | <u>p</u> -cyclopentenyl-                       | 12            | -             | <u>12</u> | -  | - | -  | - | -  | - |
| 2790 | 57 | Cr-605  | 2,4-dibromo-                                   | 6             | 13            | n         | -  | - | -  | - | -  | - |
| 2791 | 57 | Cr-688  | acetate  | 13            | n             | n         | -  | - | -  | - | -  | - |
| 2792 | 25 | 403,140 | 2,6-dibromo-4-chloro-                          | 2             | 2             | n         | -  | - | -  | - | -  | - |
| 2793 | 57 | Cr-995  | 2,4-dibromo-6-nitro-; acetate                  | $\frac{1}{2}$ | $\frac{1}{2}$ | 2         | 2  | 2 | 7  | n | 16 | n |
| 2794 | 57 | Cr-1013 | potassium derivative                           | 1             | 1             | 2         | 10 | 6 | 6  | n | n  | n |
| 2795 | 57 | Cr-1012 | sodium derivative                              | 2             | 1             | 2         | 3  | 6 | 15 | n | n  | n |
| 2796 | 57 | Cr-1015 | <u>p</u> -toluenesulfonate                     | n             | n             | n         | -  | - | -  | - | -  | - |

| Rept. No. | Subm. No. | Subm. Code No. | Name of Chemical  | Concentration in ppm |               |                |     |    |               |     |   |               |
|-----------|-----------|----------------|---|----------------------|---------------|----------------|-----|----|---------------|-----|---|---------------|
|           |           |                |   | 5.0                  |               |                | 1.0 |    |               | 0.1 |   |               |
|           |           |                |   | T                    | B             | SL             | T   | B  | SL            | T   | B | SL            |
| 2797      | 57        | Cr-994         | Phenol, 2,6-dibromo-4-nitro-                                      | n                    | n             | n              | -   | -  | -             | -   | - | -             |
| 2798      | 57        | Cr-996         | acetate   | 1                    | 3             | 3              | 2   | 4  | 4             | n   | n | n             |
| 2799      | 57        | Cr-962         | 2,6-dibromo-4-(1,1,3,3-tetramethylbutyl)-; acetate                | n                    | n             | n              | -   | -  | -             | -   | - | -             |
| 2800      | 46        | 298            | 3,5-dibromo-2,4,6-trichloro-; sodium salt                         | $\frac{1}{2}$        | 2             | 2              | 2   | 4  | 3             | n   | n | n             |
| 2801      | 25        | 400, 294       | 2,4-dichloro-   | 3                    | 12            | 12             | -   | -  | -             | -   | - | -             |
|           | 28        |                | "ditto"   | 6                    | $\frac{1}{2}$ | $\frac{1}{2}$  | -   | -  | -             | -   | - | -             |
| 2802      | 54        |                | 2,6-dichloro-   | 13                   | 5             | $\frac{12}{2}$ | -   | -  | -             | -   | - | -             |
| 2803      | 54        |                | 3,4-dichloro-   | 3                    | 3             | 11             | -   | -  | -             | -   | - | -             |
| 2804      | 54        |                | x,x-dichloro-x-butenyl-; mixture of isomers                       | $\frac{3}{2}$        | -             | n              | -   | -  | -             | -   | - | -             |
| 2805      | 25        | 403, 272       | 2,3 (and 3,5)(?) -dichloro-4,6 (and 2,4) -diisopropyl-            | 9                    | 9             | n              | -   | -  | -             | -   | - | -             |
| 2806      | 28        |                | 2,4-dichloro-6-nitro-   | 1                    | 2             | 1              | 4   | 5  | 11            | n   | n | $\frac{7}{2}$ |
| 2807      | 25        | 403, 288       | 2(?), 6(?) -dichloro-4-nonyl-                                     | 1                    | 9             | n              | -   | -  | -             | -   | - | -             |
| 2808      | 25        | 403, 285       | 2(?), 6(?) -dichloro-4-octyl-                                     | 1                    | 3             | n              | -   | -  | -             | -   | - | -             |
| 2809      | 25        | 403, 153       | 2,4-dichloro-6-phenyl-  | 10                   | 10            | 14             | -   | -  | -             | -   | - | -             |
| 2810      | 25        | 106, 377       | x,x-dihexyl-; mixture of hexyl isomers                            | n                    | 14            | n              | -   | -  | -             | -   | - | -             |
| 2811      | 57        | Cr-715         | 4-(1,1-dimethylpropyl)-2-nitro-                                   | n                    | n             | n              | -   | -  | -             | -   | - | -             |
| 2812      | 57        | Cr-717         | acetate   | n                    | n             | n              | -   | -  | -             | -   | - | -             |
| 2813      | 57        | Cr-952         | sodium derivative   | n                    | n             | n              | -   | -  | -             | -   | - | -             |
| 2814      | 25        | 500, 138       | 2,4-dinitro-  | -                    | -             | n              | -   | -  | -             | -   | - | -             |
| 2815      | 57        | FW-45          | salt with N,N'-dihexylethylenediamine                             | 3                    | 12            | 12             | -   | -  | -             | -   | - | -             |
| 2816      | 57        | Cr-426         | 2,4-dinitro-6-hexyl-  | $\frac{1}{2}$        | 1             | 2              | 1   | 4  | 2             | n   | n | n             |
| 2817      | 57        | Cr-425         | 2,6-dinitro-4-hexyl-; sodium derivative                           | $\frac{1}{2}$        | 3             | 2              | 2   | n  | $\frac{1}{2}$ | n   | n | n             |
| 2818      | 57        | Cr-352         | 2,4-dinitro-6-methyl-; sodium salt                                | 3                    | 11            | 5              | n   | n  | n             | n   | n | n             |
| 2819      | 57        | Cr-1639        | x,x-dinitro-x-(1-methylheptyl)-; crotonate                        | $\frac{1}{2}$        | 1             | 4              | 1   | 2  | 2             | n   | 7 | $\frac{2}{2}$ |
| 2820      | 28        |                | 2,4-dinitro-6-phenyl-   | 4                    | 4             | 5              | 8   | 12 | 12            | n   | n | n             |
|           | 57        | Cr-541         | "ditto"   | 3                    | 3             | 3              | 12  | 12 | 12            | n   | n | n             |
| 2821      | 57        | Cr-999         | 2,6-dinitro-4-(1,1,3,3-tetramethylbutyl)-; copper (II) derivative | 4                    | 9             | 4              | 6   | 15 | n             | n   | n | n             |
| 2822      | 57        | Cr-346         | sodium salt   | 4                    | 10            | 8              | n   | n  | n             | n   | n | n             |
| 2823      | 57        | Cr-1002        | p-toluenesulfonate  | n                    | n             | n              | -   | -  | -             | -   | - | -             |
| 2824      | 57        | Cr-984         | x,x-dipentyl-x-nitro-   | n                    | n             | n              | -   | -  | -             | -   | - | -             |
| 2825      | 57        | Cr-988         | acetate   | n                    | n             | n              | -   | -  | -             | -   | - | -             |
| 2826      | 58        | O-4767-a       | x,x-distyryl-   | n                    | n             | n              | -   | -  | -             | -   | - | -             |
| 2827      | 25        | 106, 378       | 4-dodecyl-; mixture of dodecyl isomers                            | 3                    | 12            | n              | -   | -  | -             | -   | - | -             |
| 2828      | 54        |                | hexachloro-   | 1                    | 2             | 2              | n   | n  | n             | n   | n | n             |
| 2829      | 57        | Cr-661         | 4-iodo-   | 7                    | 3             | n              | -   | -  | -             | -   | - | -             |

|      |    |         |   |               |               |               |    |    |           |   |   |   |   |
|------|----|---------|---|---------------|---------------|---------------|----|----|-----------|---|---|---|---|
| 2830 | 1  |         | Phenol, 3-isopropyl-                            | $\frac{1}{2}$ | -             | $\frac{1}{2}$ | -  | -  | -         | - | - | - | - |
|      | 25 | 106,604 | "ditto"   | 3             | 14            | n             | -  | -  | -         | - | - | - | - |
| 2831 | 1  |         | 4-isopropyl-                                    | $\frac{1}{2}$ | -             | $\frac{1}{2}$ | -  | -  | -         | - | - | - | - |
| 2832 | 57 | Cr-406  | 2-(2-methylallyl)-                              | n             | n             | n             | -  | -  | -         | - | - | - | 1 |
| 2833 | 57 | Cr-666  | acetate   | n             | n             | n             | -  | -  | -         | - | - | - | - |
| 2834 | 57 | Cr-874  | p-toluenesulfonate                              | n             | n             | n             | -  | -  | -         | - | - | - | - |
| 2835 | 57 | Cr-936  | 2-(2-methylallyl)-4-nitro-                      | n             | n             | n             | -  | -  | -         | - | - | - | - |
| 2836 | 25 | 107,569 | 2,2'-methylenebis(6-tert-butyl-4-isopropyl)-    | -             | -             | n             | -  | -  | -         | - | - | - | - |
| 2837 | 25 | 101,092 | x-(10-methylhendecyl)-                          | n             | <u>12</u>     | n             | -  | -  | -         | - | - | - | - |
| 2838 | 57 | Cr-1829 | x-(1-methylheptyl)-; crotonate                  | n             | n             | n             | -  | -  | -         | - | - | - | - |
| 2839 | 57 | Cr-626  | 4(?)-(1-methylheptyl)-; tert. phosphite ester   | 4             | 9             | 14            | -  | -  | -         | - | - | - | - |
| 2840 | 57 | Cr-1006 | x-(1-methylheptyl)-x-nitro-; p-toluenesulfonate | n             | n             | n             | -  | -  | -         | - | - | - | - |
| 2841 | 57 | Cr-1005 | 2-(1-methylheptyl)-x-nitro-; acetate            | 2             | 4             | 5             | 15 | 10 | <u>15</u> | n | n | n | n |
| 2842 | 57 | Cr-640  | 4(?)-(1-methylheptyl)-2(?) -nitro-              | $\frac{1}{2}$ | $\frac{1}{2}$ | 3             | 2  | 3  | 4         | n | n | n | n |
| 2843 | 25 | 500,147 | 4-(2-naphthylamino)-                            | 5             | 9             | n             | -  | -  | -         | - | - | - | - |
| 2844 | 57 | Cr-975  | x-nitro-  | n             | n             | n             | -  | -  | -         | - | - | - | - |
| 2845 | 25 | 500,139 | 2-nitro-  | n             | n             | n             | -  | -  | -         | - | - | - | - |
| 2846 | 46 | 286     | 4-nitro-  | n             | n             | n             | -  | -  | -         | - | - | - | - |
| 2847 | 25 | 500,007 | acetate   | -             | -             | n             | -  | -  | -         | - | - | - | - |
| 2848 | 25 | 508,472 | 2-nitro-4-phenylazo-                            | 5             | 5             | 13            | -  | -  | -         | - | - | - | - |
| 2849 | 25 | 508,471 | 4-(4-nitrophenylazo)-                           | 2             | 4             | 4             | n  | n  | n         | n | n | n | n |
| 2850 | 57 | Cr-808  | p-nitroso-; acetate                             | n             | n             | n             | -  | -  | -         | - | - | - | - |
| 2851 | 54 |         | 4-nitro-2,3,5,6-tetrachloro-                    | 8             | -             | 12            | -  | -  | -         | - | - | - | - |
| 2852 | 54 |         | acetate   | 1             | -             | 7             | -  | -  | -         | - | - | - | - |
| 2853 | 57 | Cr-648  | 2-nitro-4-(1,1,3,3-tetramethylbutyl)-; acetate  | 9             | 13            | n             | -  | -  | -         | - | - | - | - |
| 2854 | 57 | Cr-667  | potassium derivative                            | n             | n             | n             | -  | -  | -         | - | - | - | - |
| 2855 | 46 | 178     | x-nonyl-  | 4             | 14            | 14            | -  | -  | -         | - | - | - | - |
| 2856 | 25 | 400,880 | pentabromo-                                     | n             | n             | n             | -  | -  | -         | - | - | - | - |
| 2857 | 25 | 400,288 | pentachloro-                                    | 3             | 3             | 3             | 4  | 13 | 4         | n | n | n | n |
| 2858 | 59 | CP-2294 | butyl-2-cyanoethylammonium salt                 | 1             | 3             | 3             | 3  | 13 | 13        | n | n | n | n |
| 2859 | 59 | CP-2292 | 2-cyanoethylethylammonium salt                  | $\frac{1}{2}$ | 2             | 3             | 3  | 13 | 3         | n | n | n | n |
| 2860 | 59 | CP-2293 | 2-cyanoethylisopropylammonium salt              | 1             | 2             | 3             | 4  | n  | <u>3</u>  | n | n | n | n |
| 2861 | 59 | CP-1558 | 1,3-diphenylguanidine salt                      | 1             | 4             | 4             | 4  | n  | 13        | n | n | n | n |
| 2862 | 25 | 400,288 |   |               |               |               |    |    |           |   |   |   |   |
|      |    | -65     | sodium derivative, monohydrate                  | 1             | 1             | 3             | 1  | 4  | 4         | n | n | n | n |
| 2863 | 28 |         | sodium salt ("Dowicide G")                      | 1             | 3             | 3             | 4  | 8  | 4         | n | n | n | n |
| 2864 | 57 | Cr-422  | 3-(2-phenoxyethoxy)-                            | n             | n             | n             | -  | -  | -         | - | - | - | - |
| 2865 | 57 | Cr-431  | sodium salt                                     | n             | n             | n             | -  | -  | -         | - | - | - | - |
| 2866 | 25 | 100,538 | 2-phenyl-                                       | -             | -             | n             | -  | -  | -         | - | - | - | - |

| Rept. No. | Subm. No. | Subm. Code No.  | Name of Chemical   | Concentration in ppm |          |           |          |    |    |     |   |    |
|-----------|-----------|-----------------|--|----------------------|----------|-----------|----------|----|----|-----|---|----|
|           |           |                 |  | 5.0                  |          |           | 1.0      |    |    | 0.1 |   |    |
|           |           |                 |  | T                    | B        | SL        | T        | B  | SL | T   | B | SL |
| 2867      | 57        | Cr-539          | Phenol, 2-phenyl-; acetate   | n                    | n        | n         | -        | -  | -  | -   | - | -  |
| 2868      | 28        |                 | sodium salt ("Dowicide A")   | <u>9</u>             | <u>5</u> | <u>8</u>  | -        | -  | -  | -   | - | -  |
| 2869      | 25        | 400,098         | 2,4'-sulfonyldi-   | -                    | -        | n         | -        | -  | -  | -   | - | -  |
| 2870      | 25        | 400,099         | 4,4'-sulfonyldi-   | n                    | n        | n         | -        | -  | -  | -   | - | -  |
| 2871      | 28        |                 | 2,3,4,6-tetrachloro- ("Dowicide 6")  | $\frac{1}{2}$        | 2        | 3         | 4        | 5  | 4  | n   | n | n  |
|           | 54        |                 | "ditto"  | 2                    | 3        | 4         | 12       | n  | 12 | n   | n | n  |
| 2872      | 54        |                 | 2,3,5,6-tetrachloro-   | 4                    | -        | 12        | -        | -  | -  | -   | - | -  |
| 2873      | 57        | Cr-880          | 4-(1,1,3,3-tetramethylbutyl)-; sodium derivative   | 4                    | n        | 12        | -        | -  | -  | -   | - | -  |
| 2874      | 57        | Lo-706          | 4-(1,1,3,3-tetramethylbutyl)-2-(1,1,3,3-tetra<br>methylbutylaminomethyl)-; 2-indene<br>phosphonate | n                    | n        | n         | -        | -  | -  | -   | - | -  |
| 2875      | 57        | Cr-370          | 2,2'-thiobis[4- <u>tert</u> -butyl-  | 2                    | -        | <u>12</u> | -        | -  | -  | -   | - | -  |
| 2876      | 59        | CP 3438<br>-(8) | 2,2'-thiobis[4,6-dichloro- ("Actamer")   | 1                    | 1        | 3         | 1        | 14 | 14 | n   | n | n  |
| 2877      | 25        | 400,882         | 2,4,6-tribromo-  | 3                    | 3        | 12        | -        | -  | -  | -   | - | -  |
| 2878      | 28        |                 | 2,4,5-trichloro- ("Dowicide 2")  | $\frac{1}{2}$        | 2        | 3         | <u>4</u> | n  | n  | n   | n | n  |
|           | 54        |                 | "ditto"  | 2                    | 2        | 3         | <u>4</u> | n  | n  | n   | n | n  |
| 2879      | 28        |                 | 2,4,6-trichloro- ("Dowicide 2S")   | 4                    | 15       | <u>2</u>  | -        | -  | -  | -   | - | -  |
|           | 54        |                 | "ditto"  | 3                    | 3        | 12        | -        | -  | -  | -   | - | -  |
|           | 58        | O-142-a         | "ditto"  | -                    | -        | <u>4</u>  | -        | -  | -  | -   | - | -  |
| 2880      | 28        |                 | 2,4,x-trichloro-6-phenyl-  | 2                    | 3        | 13        | -        | -  | -  | -   | - | -  |
| 2881      | 25        | 403,275<br>-65  | 1-Phenol-4(?) -sulfonic acid, 2-cyclohexyl-; sodium salt   | -                    | -        | n         | -        | -  | -  | -   | - | -  |
| 2882      | 56        | NP-1416         | Phenothiazine, 10-diethylthiocarbamyl-   | n                    | n        | n         | -        | -  | -  | -   | - | -  |
| 2883      | 25        | 902,099         | 5-oxide-   | -                    | -        | n         | -        | -  | -  | -   | - | -  |
| 2884      | 57        | Cr-297          | 3-thiocyano-   | 1                    | 3        | n         | -        | -  | -  | -   | - | -  |
| 2885      | 25        | 401,991         | Phenoxathiin, 10-oxide-  | -                    | -        | n         | -        | -  | -  | -   | - | -  |
| 2886      | 57        | Cr-207          | Phenoxathiin sulfone   | -                    | -        | n         | -        | -  | -  | -   | - | -  |
| 2887      | 63        | O-3547          | Phenylamine, keryl-  | n                    | n        | n         | -        | -  | -  | -   | - | -  |
| 2888      | 46        | 202             | <u>m</u> -Phenylenediamine   | -                    | -        | n         | -        | -  | -  | -   | - | -  |
| 2889      | 57        | Cr-911          | <u>o</u> -Phenylenediamine, <u>N,N'</u> -bis(2-methylallyl)-                                       | n                    | n        | n         | -        | -  | -  | -   | - | -  |
| 2890      | 54        |                 | <u>N,N'</u> -carballyloxy-   | 2                    | 5        | n         | -        | -  | -  | -   | - | -  |
| 2891      | 57        | Q-246           | <u>p</u> -Phenylenediamine; bis( <u>p</u> -chlorobenzenesulfonate)                                 | -                    | -        | n         | -        | -  | -  | -   | - | -  |
| 2892      | 57        | Q-245           | bis( <u>p</u> -toluenesulfonate)   | -                    | -        | n         | -        | -  | -  | -   | - | -  |
| 2893      | 25        | 800,088         | <u>N</u> -phenyl-  | n                    | 12       | n         | -        | -  | -  | -   | - | -  |
| 2894      | 25        | 102,295         | Phlorizin  | -                    | -        | n         | -        | -  | -  | -   | - | -  |

|      |    |          |  |               |   |           |   |   |   |   |   |   |
|------|----|----------|--|---------------|---|-----------|---|---|---|---|---|---|
| 2895 | 49 |          | Phloroglucinol   | -             | - | n         | - | - | - | - | - | - |
| 2896 | 25 | 100, 289 |  |               |   |           |   |   |   |   |   |   |
|      |    | -01      | dihydrate  | -             | - | n         | - | - | - | - | - | - |
| 2897 | 49 |          | triacetate   | -             | - | n         | - | - | - | - | - | - |
| 2898 | 49 |          | methyl-  | -             | - | n         | - | - | - | - | - | - |
| 2899 | 49 |          | triacetate   | $\frac{1}{4}$ | 3 | 2         | n | n | n | n | n | n |
| 2900 | 49 |          | Phloroglucinolcarboxylic acid  | -             | - | n         | - | - | - | - | - | - |
| 2901 | 49 |          | methyl-  | -             | - | n         | - | - | - | - | - | - |
| 2902 | 49 |          | Phloroglucinolphthalein  | -             | - | n         | - | - | - | - | - | - |
| 2903 | 49 |          | 2-methyl-  | -             | - | n         | - | - | - | - | - | - |
| 2904 | 59 | CP-841   | Phosphine oxide, butyl 1-butanephosphonobutoxyethoxy-                | n             | n | n         | - | - | - | - | - | - |
| 2905 | 59 | CP-830   | ethyl benzenephosphodiethoxy-  | n             | n | n         | - | - | - | - | - | - |
| 2906 | 59 | CP-833   | ethyl 1-butanephosphodiethoxy-                                       | -             | - | n         | - | - | - | - | - | - |
| 2907 | 59 | CP-831   | ethyl <i>p</i> -chlorobenzenephosphodiethoxy-                        | -             | - | n         | - | - | - | - | - | - |
| 2908 | 59 | CP-842   | ethyl diethoxy (2-ethyl-1-hexanephosphono)-                          | -             | - | n         | - | - | - | - | - | - |
| 2909 | 59 | CP-832   | ethyl diethoxymethanephosphono-                                      | n             | n | n         | - | - | - | - | - | - |
| 2910 | 59 | CP-840   | ethyl ethanephosphodiethoxy-   | n             | n | n         | - | - | - | - | - | - |
| 2911 | 59 | CP-3863  | Phosphine sulfide, diisopropoxybis[dithio-                           | -             | - | n         | - | - | - | - | - | - |
| 2912 | 25 | 403, 315 | trithiobis[bis(3-methyl- <i>x</i> -cumenyloxy)-                      | -             | - | n         | - | - | - | - | - | - |
| 2913 | 25 | 403, 312 | trithiobis[bis( <u>m</u> -[and <u>p</u> -]tolyloxy)-                 | -             | - | n         | - | - | - | - | - | - |
| 2914 | 48 |          | "Phosphodust" fluoro apatite   | -             | - | n         | - | - | - | - | - | - |
| 2915 | 25 | 402, 904 | Phosphonic acid, butyl-  | n             | n | n         | - | - | - | - | - | - |
| 2916 | 25 | 402, 910 | ethyl-; diethyl ester  | n             | n | n         | - | - | - | - | - | - |
| 2917 | 25 | 401, 832 | ethylenedi-  | n             | n | n         | - | - | - | - | - | - |
| 2918 | 25 | 402, 949 | tetrabutyl ester   | n             | n | n         | - | - | - | - | - | - |
| 2919 | 25 | 402, 941 | hexamethylenedi-; tetraethyl ester                                   | n             | n | n         | - | - | - | - | - | - |
| 2920 | 43 | Bio 784  | methyl-thio-; <u>O</u> -ethyl <u>O</u> - <i>p</i> -nitrophenyl ester | 1             | - | <u>2</u>  | - | - | - | - | - | - |
| 2921 | 25 | 402, 936 | octyl-; diethyl ester  | -             | - | n         | - | - | - | - | - | - |
| 2922 | 25 | 402, 905 | tetramethylenedi-  | n             | n | n         | - | - | - | - | - | - |
| 2923 | 25 | 402, 951 | trimethylenedi-; tetrabutyl ester                                    | -             | - | n         | - | - | - | - | - | - |
| 2924 | 25 | 402, 932 | tetraethyl ester   | -             | - | n         | - | - | - | - | - | - |
| 2925 | 25 | 402, 943 | tetrapropyl ester  | -             | - | n         | - | - | - | - | - | - |
| 2926 | 19 |          | Phosphonium compounds;   |               |   |           |   |   |   |   |   |   |
|      |    |          | 3-chloroacetanilidotriphenyl—chloride                                | n             | - | n         | - | - | - | - | - | - |
| 2927 | 19 |          | 2, 5-dichloroacetanilidotriphenyl—chloride                           | n             | - | n         | - | - | - | - | - | - |
| 2928 | 19 |          | 2, 4-dichlorobenzyltriphenyl—chloride                                | n             | - | n         | - | - | - | - | - | - |
| 2929 | 19 |          | 3, 4-dichlorobenzyltriphenyl—thiocyanate                             | n             | - | n         | - | - | - | - | - | - |
| 2930 | 54 |          | Phosphoramidic acid, 3-chlorophenyl-; dibutyl ester                  | <u>14</u>     | - | n         | - | - | - | - | - | - |
| 2931 | 54 |          | diethyl ester  | n             | n | <u>14</u> | - | - | - | - | - | - |

| Rept. No. | Subm. Code No. | Name of Chemical   | Concentration in ppm   |          |           |          |    |    |     |   |    |          |
|-----------|----------------|--|--|----------|-----------|----------|----|----|-----|---|----|----------|
|           |                |  | 5.0  |          |           | 1.0      |    |    | 0.1 |   |    |          |
|           |                |  | T  | B        | SL        | T        | B  | SL | T   | B | SL |          |
| 2932      | 54             | Phosphoramidic acid, 3-chlorophenyl-; dioctyl ester                            | n  | -        | n         | -        | -  | -  | -   | - | -  | -        |
| 2933      | 54             | Phosphoramidothioic acid, 3-chlorophenyl-; <u>O</u> , <u>O</u> -dipropyl ester | n  | -        | <u>14</u> | -        | -  | -  | -   | - | -  | -        |
| 2934      | 43             | Bio-345  | Phosphoric acid; bis(2-butoxyethyl) 2,2-dichlorovinyl ester                      | 14       | 14        | n        | -  | -  | -   | - | -  | -        |
| 2935      | 25             | 402, 356   | bis( <u>p</u> - <u>tert</u> -butylphenyl) 5- <u>tert</u> -butyl-2-biphenyl ester | n        | n         | n        | -  | -  | -   | - | -  | -        |
| 2936      | 25             | 402, 353   | bis( <u>p</u> - <u>tert</u> -butylphenyl) phenyl ester                           | -        | -         | n        | -  | -  | -   | - | -  | -        |
| 2937      | 25             | 404, 036   | bis(2,3-dibromopropyl) ester   | -        | -         | n        | -  | -  | -   | - | -  | -        |
| 2938      | 25             | 402, 965   | bis(2-ethylhexyl) ester, diester with 1,3-propanediol                            | -        | -         | n        | -  | -  | -   | - | -  | -        |
| 2939      | 43             | Bio-327  | bis(tetrahydrofurfuryl) 2,2-dichlorovinyl ester                                  | 13       | 13        | <u>3</u> | -  | -  | -   | - | -  | -        |
| 2940      | 43             | Bio-667  | 2-bromo-2-carbethoxy-1-ethoxyvinyl diethyl ester                                 | 2        | n         | n        | -  | -  | -   | - | -  | -        |
| 2941      | 43             | Bio-628  | 2,3-butylene (cyclic) 2,2-dichlorovinyl ester                                    | n        | n         | n        | -  | -  | -   | - | -  | -        |
| 2942      | 43             | Bio-609  | 2-carbethoxy-2-chloro-1-methylvinyl diethyl ester                                | 2        | 1         | 2        | 13 | 9  | 13  | n | n  | <u>2</u> |
| 2943      | 43             | Bio-666  | 2-carbethoxy-1-ethoxyvinyl diethyl ester   | 13       | 8         | <u>1</u> | -  | -  | -   | - | -  | -        |
| 2944      | 30             |  | 1-carbomethoxy-1-propen-2-yl dimethyl ester                                      | -        | -         | n        | -  | -  | -   | - | -  | -        |
| 2945      | 30             |  |  |          |           |          |    |    |     |   |    |          |
|           | 43             | Bio-302  | 2-chlorovinyl diethyl ester  | -        | -         | n        | -  | -  | -   | - | -  | -        |
| 2946      | 43             | Bio-614  | 1,2-dibromoethyl diethyl ester   | 1        | 1         | 9        | -  | -  | -   | - | -  | -        |
| 2947      | 43             | Bio-319  | di- <u>n</u> -butoxy 2,2-dichlorovinyl ester                                     | 5        | 5         | <u>5</u> | -  | -  | -   | - | -  | -        |
| 2948      | 43             | Bio-369  | 2,2-dichloro-1-diethylaminovinyl diethyl ester                                   | n        | n         | n        | -  | -  | -   | - | -  | -        |
| 2949      | 43             | Bio-651  | 2,2-dichloro-1-ethoxyvinyl diethyl ester   | 5        | 1         | 12       | -  | -  | -   | - | -  | -        |
| 2950      | 43             | Bio-324  | di-2-chloroethyl 2,2-dichloroethyl ester   | -        | -         | n        | -  | -  | -   | - | -  | -        |
| 2951      | 43             | Bio-633  | 1,2-dichloroethyl diethyl ester  | 6        | 2         | 1        | 10 | 4  | 2   | n | n  | n        |
| 2952      | 43             | Bio-351  | 2,2-dichloro-1-phenylvinyl diethyl ester   | 14       | 14        | n        | -  | -  | -   | - | -  | -        |
| 2953      | 43             | Bio-300  | 2,2-dichlorovinyl diethyl ester  | -        | -         | n        | -  | -  | -   | - | -  | -        |
| 2954      | 43             | Bio-398  | 2,2-dichlorovinyl ethylene (cyclic) ester  | 1        | 11        | <u>1</u> | -  | -  | -   | - | -  | -        |
| 2955      | 43             | Bio-629  | 2,2-dichlorovinyl 1-ethyl-2-methyltrimethylene ester                             | 13       | n         | n        | -  | -  | -   | - | -  | -        |
| 2956      | 43             | Bio-363  | 2,2-dichlorovinyl propylene ester  | -        | -         | n        | -  | -  | -   | - | -  | -        |
| 2957      | 43             | Bio-635  | 2,2-dichlorovinyl tetramethylene ester   | <u>1</u> | 1         | <u>2</u> | -  | -  | -   | - | -  | -        |
| 2958      | 43             | Bio-634  | 2,2-dichlorovinyl 1,1,3-trimethyltrimethylene ester                              | 13       | 13        | n        | -  | -  | -   | - | -  | -        |
| 2959      | 43             | Bio-893  | diethyl 1,2-dichloroethyl ester  | 14       | -         | 14       | -  | -  | -   | - | -  | -        |

|      |    |          |  |    |          |          |   |   |   |   |   |   |
|------|----|----------|--|----|----------|----------|---|---|---|---|---|---|
| 2960 | 43 | Bio-668  | Phosphoric acid; diethyl 1-ethoxy-2, 2, 2-trichloroethyl ester   | n  | n        | n        | - | - | - | - | - | - |
| 2961 | 59 | CP-849   | diethyl phenyl ester   | n  | n        | n        | - | - | - | - | - | - |
| 2962 | 43 | Bio-603  | diethyl 1, 2, 2, 2-tetrachloroethyl ester  | 1  | 1        | <u>2</u> | - | - | - | - | - | - |
| 2963 | 43 | Bio-894  | diethyl 1, 1, 2-trichloroethyl ester   | 4  | -        | 14       | - | - | - | - | - | - |
| 2964 | 25 | Y01, 967 | mixture of bis[2-chloro-1-(chloromethyl) ethyl], bis(2, 3-dichloropropyl), mono[2-chloro-1-(chloromethyl) ethyl], and mono(2, 3-dichloropropyl) esters | -  | -        | n        | - | - | - | - | - | - |
| 2965 | 25 | 404, 035 | mono(2, 3-dibromopropyl) ester   | -  | -        | n        | - | - | - | - | - | - |
| 2966 | 25 | 404, 038 | tris(2, 3-dibromopropyl) ester   | n  | 13       | n        | - | - | - | - | - | - |
| 2967 | 25 | 403, 307 | tris( <i>o</i> -ethylphenyl) ester   | -  | -        | n        | - | - | - | - | - | - |
| 2968 | 59 | CP-868   | thiono-; di(2-chloroethyl) <i>p</i> -nitrophenyl ester   | 13 | 13       | <u>2</u> | - | - | - | - | - | - |
| 2969 | 59 | CP-902   | Phosphoric triamide, poly-   | -  | -        | n        | - | - | - | - | - | - |
| 2970 | 25 | 402, 919 | Phosphorochloridic acid; dibutyl ester   | n  | n        | n        | - | - | - | - | - | - |
| 2971 | 25 | 905, 108 | Phosphordiamidic chloride, <i>N</i> , <i>N</i> '-diphenyl-   | n  | n        | n        | - | - | - | - | - | - |
| 2972 | 57 | Lo-300   | <i>N</i> , <i>N</i> , <i>N</i> ', <i>N</i> '-tetramethyl-  | n  | n        | n        | - | - | - | - | - | - |
| 2973 | 25 | 403, 302 | Phosphorodithioic acid; <i>O</i> , <i>O</i> -bis(6- <i>tert</i> -butyl- <i>m</i> -tolyl) ester   | -  | -        | n        | - | - | - | - | - | - |
| 2974 | 25 | 403, 303 | <i>O</i> , <i>O</i> -bis [ <i>o</i> -(1-ethylpropyl)phenyl] ester  | n  | n        | n        | - | - | - | - | - | - |
| 2975 | 25 | 403, 295 | <i>O</i> , <i>O</i> -di- <i>o</i> -cumyl ester   | n  | n        | n        | - | - | - | - | - | - |
| 2976 | 54 |          | diisopropyl ester, potassium salt  | n  | n        | n        | - | - | - | - | - | - |
| 2977 | 25 | 403, 297 | <i>O</i> , <i>O</i> -dithymyl ester  | n  | n        | n        | - | - | - | - | - | - |
| 2978 | 25 | 403, 284 | <i>O</i> , <i>O</i> -di- <i>m</i> -tolyl ester   | n  | n        | n        | - | - | - | - | - | - |
| 2979 | 25 | 403, 283 | <i>O</i> , <i>O</i> -di- <i>m</i> - (and <i>p</i> -) tolyl ester   | n  | n        | n        | - | - | - | - | - | - |
| 2980 | 43 | Bio-380  | Phosphorothioic acid; <i>O</i> , <i>O</i> -diethyl <i>S</i> -(2, 2-dichlorovinyl) ester  | 5  | -        | <u>1</u> | - | - | - | - | - | - |
| 2981 | 23 |          | <i>O</i> , <i>O</i> -diethyl <i>O</i> -(2-ethylmercaptoethyl) ester ("Systox" technical)   | -  | -        | n        | - | - | - | - | - | - |
| 2982 | 23 |          | <i>O</i> , <i>O</i> -dimethyl <i>O</i> -(4-nitrophenyl) ester  | -  | -        | n        | - | - | - | - | - | - |
| 2983 | 57 | Cr-735   | Phosphorous acid; 2-benzyloxyethyl triester  | n  | n        | n        | - | - | - | - | - | - |
| 2984 | 25 | 402, 947 | bis(1-methylheptyl) ester  | n  | <u>5</u> | n        | - | - | - | - | - | - |
| 2985 | 25 | 402, 948 | bis(3, 5, 5-trimethylhexyl) ester  | -  | -        | n        | - | - | - | - | - | - |
| 2986 | 25 | 402, 940 | diheptyl ester   | n  | n        | n        | - | - | - | - | - | - |
| 2987 | 57 | Cr-1651  | di-2-octyl 2, 2, 2-trichloro-1-hydroxyethyl ester  | n  | n        | n        | - | - | - | - | - | - |
| 2988 | 25 | 402, 956 | tris(2-ethylhexyl) ester   | n  | 15       | <u>5</u> | - | - | - | - | - | - |
| 2989 | 55 |          | Phthalamic acid, <i>N</i> -1-naphthyl- ("Alanap-1", technical grade, 95% active)   | n  | n        | n        | - | - | - | - | - | - |
| 2990 | 55 |          | sodium salt ("Alanap-3", technical grade, 91% active)  | n  | n        | n        | - | - | - | - | - | - |
| 2991 | 46 | 234      | 1, 4-Phthalazinedione, 5-amino-2, 3-dihydro-   | -  | -        | n        | - | - | - | - | - | - |
| 2992 | 54 |          | Phthalic acid; allyl ester   | 12 | 12       | n        | - | - | - | - | - | - |



| Rept. No. | Subm. No. | Subm. Code No. | Name of Chemical  | Concentration in ppm |           |    |     |   |    |     |   |    |   |
|-----------|-----------|----------------|---|----------------------|-----------|----|-----|---|----|-----|---|----|---|
|           |           |                |   | 5.0                  |           |    | 1.0 |   |    | 0.1 |   |    |   |
|           |           |                |   | T                    | B         | SL | T   | B | SL | T   | B | SL |   |
| 2993      | 25        | 103,492        | Phthalic acid; bis(1-[2-(2-butoxyethoxy)carbethoxy]ethyl) ester | -                    | -         | n  | -   | - | -  | -   | - | -  | - |
| 2994      | 25        | 101,597        | bis(1-carbethoxyethyl) ester                                    | -                    | -         | n  | -   | - | -  | -   | - | -  | - |
| 2995      | 25        | 101,839        | bis[1-(2-ethoxycarbethoxy)ethyl] ester                          | -                    | -         | n  | -   | - | -  | -   | - | -  | - |
| 2996      | 57        | Cr-87          | 2-chloroethyl ester, copper (II) salt                           | 14                   | n         | 14 | -   | - | -  | -   | - | -  | - |
| 2997      | 25        | 105,341        | cyclohexyl ethyl ester  | 2                    | 13        | n  | -   | - | -  | -   | - | -  | - |
| 2998      | 25        | 105,345        | cyclohexyl isobutyl ester                                       | 13                   | <u>3</u>  | n  | -   | - | -  | -   | - | -  | - |
| 2999      | 25        | 101,357        | -A1   | 14                   | <u>14</u> | 11 | -   | - | -  | -   | - | -  | - |
| 3000      | 46        | 39             | di(p-chlorobenzyl) ester  | n                    | n         | n  | -   | - | -  | -   | - | -  | - |
| 3001      | 46        | 134            | dichloroethyl ester   | n                    | n         | n  | -   | - | -  | -   | - | -  | - |
| 3002      | 25        | 101,853        | diester with 2-ethylhexyl lactate                               | -                    | -         | n  | -   | - | -  | -   | - | -  | - |
| 3003      | 58        | O-4281         | di-3-methylbutyl ester  | -                    | -         | n  | -   | - | -  | -   | - | -  | - |
| 3004      | 58        | O-131-a        | diphenyl ester  | -                    | -         | n  | -   | - | -  | -   | - | -  | - |
| 3005      | 57        | Lo-134         | monoethyl ester   | -                    | -         | n  | -   | - | -  | -   | - | -  | - |
| 3006      | 25        | 106,002        | mono <i>a</i> -ethylphenethyl ester                             | -                    | -         | n  | -   | - | -  | -   | - | -  | - |
| 3007      | 63        | O-3667         | monokerylbenzyl ester   | -                    | -         | n  | -   | - | -  | -   | - | -  | - |
| 3008      | 57        | Cr-1260        | mono nor-dicyclopentenyl ester                                  | n                    | n         | n  | -   | - | -  | -   | - | -  | - |
| 3009      | 57        | SM-227         | 3-acetoxy-4,6-diethyl-1,2,3,6-tetrahydro-; diallyl ester        | -                    | -         | n  | -   | - | -  | -   | - | -  | - |
| 3010      | 25        | 105,302        | 3-hydroxy-  | -                    | -         | n  | -   | - | -  | -   | - | -  | - |
| 3011      | 25        | 501,418        | 3-nitro-  | -                    | -         | n  | -   | - | -  | -   | - | -  | - |
| 3012      | 46        | 122            | tetrachloro-  | -                    | -         | n  | -   | - | -  | -   | - | -  | - |
| 3013      | 54        |                | anhydride   | n                    | n         | n  | -   | - | -  | -   | - | -  | - |
| 3014      | 8         |                | Phthalic anhydride  | -                    | -         | n  | -   | - | -  | -   | - | -  | - |
| 3015      | 57        | SM-28          | tetrachloro-  | -                    | -         | n  | -   | - | -  | -   | - | -  | - |
| 3016      | 25        | 100,823        | Phthalide   | -                    | -         | n  | -   | - | -  | -   | - | -  | - |
| 3017      | 25        | 105,987        | 3-phenyl-   | -                    | -         | n  | -   | - | -  | -   | - | -  | - |
| 3018      | 25        | 501,088        | Phthalimide   | -                    | -         | n  | -   | - | -  | -   | - | -  | - |
| 3019      | 46        | 273            | potassium salt  | -                    | -         | n  | -   | - | -  | -   | - | -  | - |
| 3020      | 25        | 900,042        | <u>N</u> -bromo-  | n                    | n         | n  | -   | - | -  | -   | - | -  | - |
| 3021      | 57        | Lo-111         | <u>N</u> -(p-chlorophenyl)-tetrachloro-                         | -                    | -         | n  | -   | - | -  | -   | - | -  | - |
| 3022      | 57        | FW-154         | <u>N</u> -(p,p'-dichlorobenzhydryl)-                            | n                    | n         | n  | -   | - | -  | -   | - | -  | - |
| 3023      | 25        | 500,706        | <u>N</u> -(2-hydroxyethyl)-                                     | -                    | -         | n  | -   | - | -  | -   | - | -  | - |
| 3024      | 57        | SM-35          | <u>N</u> -(hydroxyethyl)-tetrachloro-                           | -                    | -         | n  | -   | - | -  | -   | - | -  | - |
| 3025      | 57        | Cr-291         | <u>N</u> -hydroxymethyl-  | -                    | -         | n  | -   | - | -  | -   | - | -  | - |

|      |    |          |  |    |   |   |   |   |   |   |   |   |
|------|----|----------|--|----|---|---|---|---|---|---|---|---|
| 3026 | 25 | 500, 243 | Phthalimide, <u>N</u> -2-naphthyl-   | -  | - | n | - | - | - | - | - | - |
| 3027 | 57 | Lo-125   | <u>N</u> -( <u>m</u> -nitrophenyl)-tetrachloro-                                    | -  | - | n | - | - | - | - | - | - |
| 3028 | 57 | Lo-109   | <u>N</u> -( <u>p</u> -nitrophenyl)-tetrachloro-                                    | -  | - | n | - | - | - | - | - | - |
| 3029 | 57 | Lo-116   | <u>N</u> -phenyl-tetrachloro-  | -  | - | n | - | - | - | - | - | - |
| 3030 | 25 | 500, 802 | <u>N</u> - <u>o</u> -tolyl-  | -  | - | n | - | - | - | - | - | - |
| 3031 | 25 | 800, 490 | 2-Picoline   | n  | n | n | - | - | - | - | - | - |
| 3032 | 25 | 503, 517 | 3-Picoline, 6-acetamido-   | -  | - | n | - | - | - | - | - | - |
| 3033 | 25 | 801, 423 | 6-amino-   | -  | - | n | - | - | - | - | - | - |
| 3034 | 45 |          | Pinane; hydroperoxide  | -  | - | n | - | - | - | - | - | - |
| 3035 | 25 | 107, 773 | 2-Pinanol, <u>cis</u> (?) -  | -  | - | n | - | - | - | - | - | - |
| 3036 | 25 | 000, 282 | Pinene   | n  | - | n | - | - | - | - | - | - |
| 3037 | 25 | 107, 772 | Pinic acid   | -  | - | n | - | - | - | - | - | - |
| 3038 | 25 | 107, 784 | dihexyl ester  | -  | - | n | - | - | - | - | - | - |
| 3039 | 25 | 107, 599 | Pinonic acid   | -  | - | n | - | - | - | - | - | - |
| 3040 | 25 | 107, 776 | hexyl ester  | -  | - | n | - | - | - | - | - | - |
| 3041 | 57 | Cr-420   | Piperazine; sulfate  | n  | n | n | - | - | - | - | - | - |
| 3042 | 57 | V-77     | 2, 3-Piperazinedione, 1, 4-dinonyl-  | n  | n | n | - | - | - | - | - | - |
| 3043 | 25 | 509, 055 | 2, 5-Piperazinedione   | -  | - | n | - | - | - | - | - | - |
| 3044 | 57 | V-60     | Piperazinone, <u>N</u> , <u>N'</u> -dicyclohexyl-                                  | -  | - | n | - | - | - | - | - | - |
| 3045 | 25 | 800, 129 |  |    |   |   |   |   |   |   |   |   |
|      |    | -10      | Piperidine, 1-(chloroethyl)-; hydrochloride  | -  | - | n | - | - | - | - | - | - |
| 3046 | 25 | 9K0, 003 | 1-(10-diethylaminodecyl)-; salt with 2 f. wt. 2, 4, 6-trinitrobenzenesulfonic acid | -  | - | n | - | - | - | - | - | - |
| 3047 | 25 | 500, 267 | 1-Piperidinecarboxylic acid; ethyl ester   | n  | n | n | - | - | - | - | - | - |
| 3048 | 46 | 150      | Piperonal  | -  | - | n | - | - | - | - | - | - |
| 3049 | 31 | 84       | oxime  | -  | - | n | - | - | - | - | - | - |
| 3050 | 54 |          | Pivalanilide   | n  | - | n | - | - | - | - | - | - |
| 3051 | 63 | C-12906  |  |    |   |   |   |   |   |   |   |   |
|      |    | -A0      | Pluronic F 68  | n  | n | n | - | - | - | - | - | - |
| 3052 | 63 | C-11985  |  |    |   |   |   |   |   |   |   |   |
|      |    | -G       | Pluronic L 44  | n  | n | n | - | - | - | - | - | - |
| 3053 | 63 | C-12164  |  |    |   |   |   |   |   |   |   |   |
|      |    | -F       | Pluronic L 61  | n  | n | n | - | - | - | - | - | - |
| 3054 | 63 | C-12625  |  |    |   |   |   |   |   |   |   |   |
|      |    | -G       | Pluronic L 62  | n  | n | n | - | - | - | - | - | - |
| 3055 | 63 | C-12558  |  |    |   |   |   |   |   |   |   |   |
|      |    | -AG      | Pluronic L 64  | -  | - | n | - | - | - | - | - | - |
| 3056 | 25 | Y00, 025 | Podophyllin  | 15 | n | n | - | - | - | - | - | - |

| Rept. No. | Subm. No. | Subm. Code No. | Name of Chemical  | Concentration in ppm |   |    |     |   |    |     |   |    |
|-----------|-----------|----------------|---|----------------------|---|----|-----|---|----|-----|---|----|
|           |           |                |   | 5.0                  |   |    | 1.0 |   |    | 0.1 |   |    |
|           |           |                |   | T                    | B | SL | T   | B | SL | T   | B | SL |
| 3057      | 25        | Y00,003        | Polymerized calcium salts of substituted benzoid sulfonic acids   | -                    | - | n  | -   | - | -  | -   | - | -  |
| 3058      | 25        | Y00,002        | Polymerized sodium salts of substituted benzoid alkyl sulfonic acid combined with inert inorganic suspending agents | -                    | - | n  | -   | - | -  | -   | - | -  |
| 3059      | 25        | Y00,004        | Polymerized sodium salts of substituted benzoid sulfonic acids  | -                    | - | n  | -   | - | -  | -   | - | -  |
| 3060      | 63        | O-2333         | Polyoxyethylene glycol;   |                      |   |    |     |   |    |     |   |    |
|           |           |                | mol. wt. 200, di-benzenesulfonic acid ester   | -                    | - | n  | -   | - | -  | -   | - | -  |
| 3061      | 63        | O-4145         | mol. wt. 396, x-dodecylbenzyl mono ether  | 14                   | n | n  | -   | - | -  | -   | - | -  |
| 3062      | 63        | O-2319         | mol. wt. 400, di-benzenesulfonic acid ester   | -                    | - | n  | -   | - | -  | -   | - | -  |
| 3063      | 63        | O-3959         | mol. wt. 600, bis(carboxymethyl) ether  | -                    | - | n  | -   | - | -  | -   | - | -  |
| 3064      | 63        | O-4160         | mol. wt. 748, x-dodecylbenzyl mono ether  | -                    | - | n  | -   | - | -  | -   | - | -  |
| 3065      | 63        | O-3931         | mol. wt. 750, carboxymethyl methyl ether  | -                    | - | n  | -   | - | -  | -   | - | -  |
| 3066      | 63        | O-3930         | mol. wt. 1000, bis(carboxymethyl) ether   | -                    | - | n  | -   | - | -  | -   | - | -  |
| 3067      | 63        | O-4291         | Polyoxypropylene glycol;  |                      |   |    |     |   |    |     |   |    |
|           |           |                | mol. wt. 200, monopropyl ether, benzenesulfonic acid ester  | -                    | - | n  | -   | - | -  | -   | - | -  |
| 3068      | 63        | O-2621         | mol. wt. 260, mono-n-propyl ether plus 60% ethylene oxide   | -                    | - | n  | -   | - | -  | -   | - | -  |
| 3069      | 63        | O-4294         | mol. wt. 400, monopropyl ether, benzenesulfonic acid ester  | -                    | - | n  | -   | - | -  | -   | - | -  |
| 3070      | 63        | O-3297         | mol. wt. 425, monoisopropyl ether plus 200% ethylene oxide  | -                    | - | n  | -   | - | -  | -   | - | -  |
| 3071      | 63        | O-4282         | mol. wt. 460, di-benzenesulfonic acid ester   | -                    | - | n  | -   | - | -  | -   | - | -  |
| 3072      | 63        | O-6818         | mol. wt. 475  | -                    | - | n  | -   | - | -  | -   | - | -  |
| 3073      | 63        | O-4256         | mol. wt. 734, monobutyl ether, benzenesulfonic acid ester   | -                    | - | n  | -   | - | -  | -   | - | -  |
| 3074      | 63        | O-3164         | mol. wt. 900, mono-n-propyl ether   | -                    | - | n  | -   | - | -  | -   | - | -  |
| 3075      | 63        | O-3230         | mol. wt. 900, mono-n-propyl ether plus 20% ethylene oxide   | -                    | - | n  | -   | - | -  | -   | - | -  |
| 3076      | 63        | O-4578         | mol. wt. 1500, monomethyl ether   | -                    | - | n  | -   | - | -  | -   | - | -  |
| 3077      | 63        | O-4583         | mol. wt. 1500, monomethyl ether and 120% ethylene oxide   | -                    | - | n  | -   | - | -  | -   | - | -  |
| 3078      | 63        | O-4292         | mol. wt. 3000, monopropyl ether, benzenesulfonic acid ester   | n                    | n | n  | -   | - | -  | -   | - | -  |

|      |    |          |   |               |               |    |   |   |   |   |   |   |
|------|----|----------|---|---------------|---------------|----|---|---|---|---|---|---|
| 3079 | 57 | SM-482   | Polysulfide, di(butylcarbityl)-   | 11            | n             | n  | - | - | - | - | - | - |
| 3080 | 25 | Y00,064  | Porophor 254  | -             | -             | n  | - | - | - | - | - | - |
| 3081 | 15 |          | Potassium arsenite (purified)   | -             | -             | n  | - | - | - | - | - | - |
| 3082 | 46 | 337      | Potassium cyanate   | -             | -             | n  | - | - | - | - | - | - |
| 3083 | 15 |          | Potassium cyanide   | 1             | 1             | 9  | - | - | - | - | - | - |
| 3084 | 25 | X00,001  | Potassium fluophosphate   | -             | -             | n  | - | - | - | - | - | - |
| 3085 | 47 |          | Propane, 2,2-bis(anisylmethyl)-   | 2             | 12            | 12 | - | - | - | - | - | - |
| 3086 | 57 | Cr-238   | 2,2-bis(4-benzyloxy-3-nitrophenyl)-   | n             | n             | n  | - | - | - | - | - | - |
| 3087 | 57 | Cr-167   | 2,2-bis(4-benzyloxyphenyl)-   | n             | n             | n  | - | - | - | - | - | - |
| 3088 | 47 |          | 1,1-bis(4-bromophenyl)-2,2-dimethyl-  | n             | n             | n  | - | - | - | - | - | - |
| 3089 | 47 |          | 2,2-bis(x-chlorobenzyl)-  | -             | -             | n  | - | - | - | - | - | - |
| 3090 | 57 | Cr-429   | 2,2-bis[4-(2-hydroxyethoxy)phenyl]-   | n             | n             | n  | n | n | n | n | n | n |
| 3091 | 25 | 106,645  | 2,2-bis(4-hydroxy-3-isopropylphenyl)-                                       | 2             | 2             | 13 | - | - | - | - | - | - |
| 3092 | 57 | Cr-209   | 2,2-bis[4-(4-nitrobenzyloxy)phenyl]-  | n             | n             | n  | - | - | - | - | - | - |
| 3093 | 57 | Cr-430   | 2,2-bis[4-(2-phenoxyethoxy)phenyl]-   | n             | n             | n  | - | - | - | - | - | - |
| 3094 | 25 | 001,050  | 1,2-dibromo-3-chloro-   | n             | -             | n  | - | - | - | - | - | - |
| 3095 | 46 | 83       | 1,3-dichloro-   | n             | n             | n  | - | - | - | - | - | - |
| 3096 | 57 | WC-108   | 2-(3,5-diisopropyl-4-hydroxyphenyl)-2-(3,5-diisopropyl-4-isopropoxyphenyl)- | $\frac{1}{2}$ | 2             | n  | - | - | - | - | - | - |
| 3097 | 58 | O-7030-a | 2-fluoro-1,1,1,2,3,3,3-heptachloro-   | $\frac{1}{4}$ | $\frac{1}{2}$ | n  | - | - | - | - | - | - |
| 3098 | 25 | 001,051  | 1,2,3-tribromo-   | n             | -             | n  | - | - | - | - | - | - |
| 3099 | 57 | SM-438   | 1,3-Propanediamine, <u>N,N'</u> -bis(cyclohexyl)-2-hydroxy-                 | n             | n             | n  | - | - | - | - | - | - |
| 3100 | 57 | V-85     | <u>N,N'</u> -bis(3-diethylaminopropyl)-                                     | -             | -             | n  | - | - | - | - | - | - |
| 3101 | 57 | V-9      | <u>N,N'</u> -bis(2-ethylhexyl)-   | 5             | n             | n  | - | - | - | - | - | - |
| 3102 | 57 | V-3      | <u>N,N'</u> -bis(3,5,5-trimethylhexyl)-                                     | $\frac{1}{2}$ | 2             | 15 | - | - | - | - | - | - |
| 3103 | 11 |          | <u>N-n</u> -coco- ("Duomeen C")   | 2             | 6             | 14 | - | - | - | - | - | - |
| 3104 | 57 | SM-531   | <u>N,N'</u> -dialkyl-2-hydroxy-   | 1             | 12            | 12 | - | - | - | - | - | - |
| 3105 | 57 | SM-542   | <u>N</u> -(2-dimethylaminoethyl)-   | -             | -             | n  | - | - | - | - | - | - |
| 3106 | 57 | SM-529   | <u>N,N'</u> -dinonyl-2-hydroxy-   | 12            | 12            | 12 | - | - | - | - | - | - |
| 3107 | 11 |          | <u>N-n</u> -dodecyl- ("Duomeen 12")   | 1             | 2             | 8  | n | n | n | n | n | n |
|      | 57 | SM-582   | "ditto"   | 2             | 3             | 14 | - | - | - | - | - | - |
| 3108 | 63 | O-2881   | 1,2-Propanediol, with ethylene oxide;                                       |               |               |    |   |   |   |   |   |   |
|      |    |          | mol. wt. 965, condensation product  | -             | -             | n  | - | - | - | - | - | - |
| 3109 | 63 | O-2900   | mol. wt. 2555, condensation product   | -             | -             | n  | - | - | - | - | - | - |
| 3110 | 63 | O-3681   | mol. wt. 4000, diacetate of the condensation product                        | -             | -             | n  | - | - | - | - | - | - |
| 3111 | 63 | C-11977  |   |               |               |    |   |   |   |   |   |   |
|      |    | -G       | 1,2-Propanediol, with propylene oxide;                                      |               |               |    |   |   |   |   |   |   |
|      |    |          | condensation product  | -             | -             | n  | - | - | - | - | - | - |

| Rept. No. | Subm. No. | Code No. | Name of Chemical  | Concentration in ppm |   |    |     |   |    |     |   |    |
|-----------|-----------|----------|---|----------------------|---|----|-----|---|----|-----|---|----|
|           |           |          |   | 5.0                  |   |    | 1.0 |   |    | 0.1 |   |    |
|           |           |          |   | T                    | B | SL | T   | B | SL | T   | B | SL |
| 3112      | 63        | C-12995  | 1,2-Propanediol, with propylene oxide;<br>mol. wt. 1800, condensation product | n                    | n | n  | -   | - | -  | -   | - | -  |
| 3113      | 46        | 260      | 1,3-Propanediol   | n                    | n | n  | -   | - | -  | -   | - | -  |
| 3114      | 25        | 101,079  | 2-ethyl-2-hydroxymethyl-  | -                    | - | n  | -   | - | -  | -   | - | -  |
| 3115      | 57        | Cr-1570  | Propanephosphonic acid, 1,3-diphenyl-3-oxo-                                   | n                    | n | n  | -   | - | -  | -   | - | -  |
| 3116      | 25        | 105,371  | 1,1,2,3-Propanetetracarboxylic acid; tetraethyl ester                         | -                    | - | n  | -   | - | -  | -   | - | -  |
| 3117      | 25        | 105,374  | 1,1,3,3-Propanetetracarboxylic acid; tetraethyl ester                         | n                    | n | n  | -   | - | -  | -   | - | -  |
| 3118      | 25        | 104,676  | 1,1,3-Propanetricarboxylic acid; 1,1-diethyl 3-methyl ester                   | -                    | - | n  | -   | - | -  | -   | - | -  |
| 3119      | 46        | 322      | Propanilamine, <i>o</i> -tolyl-   | -                    | - | n  | -   | - | -  | -   | - | -  |
| 3120      | 25        | 100,406  | <i>x</i> -Propanol  | n                    | n | n  | -   | - | -  | -   | - | -  |
| 3121      | 46        | 200      | 3-amino-  | -                    | - | n  | -   | - | -  | -   | - | -  |
| 3122      | 54        |          | 2-methyl-2-nitro-; carbanilate  | n                    | - | n  | -   | - | -  | -   | - | -  |
| 3123      | 31        | 448      | <i>x</i> -nitro- <i>x, x, x</i> -trichloro-; 3,4-dichlorobenzoate             | 2                    | - | 12 | -   | - | -  | -   | - | -  |
| 3124      | 25        | 506,854  | 1-Propanol, 3-[ <i>o</i> - (and <i>p</i> -) aminophenyl]-                     | -                    | - | n  | -   | - | -  | -   | - | -  |
| 3125      | 31        | 403      | 1-(3,4-dichlorophenyl)-2-nitro-   | -                    | - | n  | -   | - | -  | -   | - | -  |
| 3126      | 25        | 401,976  | 3-methylmercapto-   | -                    | - | n  | -   | - | -  | -   | - | -  |
| 3127      | 25        | 401,984  | 3-phenylmercapto-   | -                    | - | n  | -   | - | -  | -   | - | -  |
| 3128      | 35        |          | 2-Propanol, 1-allyloxy-3-chloro-  | -                    | - | n  | -   | - | -  | -   | - | -  |
| 3129      | 25        | 502,975  | 1-amino-  | -                    | - | n  | -   | - | -  | -   | - | -  |
| 3130      | 25        | 402,499  | 1,3-bis(2-hydroxyethylmercapto)-  | -                    | - | n  | -   | - | -  | -   | - | -  |
| 3131      | 57        | SM-567   | 1,3-bis(methylamino)-   | -                    | - | n  | -   | - | -  | -   | - | -  |
| 3132      | 25        | 106,383  | 1-butoxy-   | -                    | - | n  | -   | - | -  | -   | - | -  |
| 3133      | 25        | 402,636  | 1-( <i>o</i> -chlorophenoxy)-   | n                    | n | n  | -   | - | -  | -   | - | -  |
| 3134      | 25        | 505,072  | 1-cyclohexylamino-  | -                    | - | n  | -   | - | -  | -   | - | -  |
| 3135      | 25        | 106,605  | 1-(cyclohexyloxy)-  | n                    | n | n  | -   | - | -  | -   | - | -  |
| 3136      | 25        | 106,394  | 1-( <i>p</i> -cyclohexylphenoxy)-   | 12                   | n | n  | -   | - | -  | -   | - | -  |
| 3137      | 25        | 507,186  | 1-dimethylamino-  | n                    | n | n  | -   | - | -  | -   | - | -  |
| 3138      | 57        | Cr-23    | 1,3-dithiocyano-  | -                    | - | n  | -   | - | -  | -   | - | -  |
| 3139      | 25        | 104,239  | 1-ethoxy-   | -                    | - | n  | -   | - | -  | -   | - | -  |
| 3140      | 25        | 503,633  |   |                      |   |    |     |   |    |     |   |    |
|           |           | -A1      | 2,2'-iminodi-; complex with $\frac{1}{2}$ f. wt. fluosilicic acid             | -                    | - | n  | -   | - | -  | -   | - | -  |
| 3141      | 25        | 104,240  | 1-isopropoxy-   | n                    | n | n  | -   | - | -  | -   | - | -  |
| 3142      | 25        | 106,395  | 1,1'-isopropylidenebis( <i>p</i> -phenyleneoxy) di-                           | n                    | n | n  | -   | - | -  | -   | - | -  |
| 3143      | 25        | 104,238  | 1-methoxy-  | n                    | n | n  | -   | - | -  | -   | - | -  |
| 3144      | 25        | 106,382  | acetate   | -                    | - | n  | -   | - | -  | -   | - | -  |

|      |    |         |  |    |    |           |   |   |   |   |   |   |
|------|----|---------|--|----|----|-----------|---|---|---|---|---|---|
| 3145 | 25 | 402,134 | 2-Propanol, 2-methyl-1,1,1-tribromo-                       | -  | -  | n         | - | - | - | - | - | - |
| 3146 | 56 | NP-793  | 3-nitro-1,1,1-trichloro-                                   | -  | -  | n         | - | - | - | - | - | - |
| 3147 | 31 | 431     | 1-(2-pyridyl)-3,3,3-trichloro-                             | -  | -  | n         | - | - | - | - | - | - |
| 3148 | 57 | Cr-17   | 2-Propanone, 1,3-dithiocyano-                              | -  | -  | n         | - | - | - | - | - | - |
| 3149 | 25 | 403,755 | 1,1,1-trichloro-   | -  | -  | n         | - | - | - | - | - | - |
| 3150 | 44 | CBP-55  | x-Propene, 3-bromo-1-chloro-                               | n  | n  | n         | - | - | - | - | - | - |
| 3151 | 35 |         | 3-chloro-2-methyl-   | -  | -  | n         | - | - | - | - | - | - |
| 3152 | 35 |         | 1,3-dichloro-  | -  | -  | n         | - | - | - | - | - | - |
| 3153 | 44 | DD      | mixture with 1,2-dichloropropane                           | n  | n  | n         | - | - | - | - | - | - |
| 3154 | 25 | 000,017 | hexachloro-  | 7  | -  | <u>7</u>  | - | - | - | - | - | - |
| 3155 | 31 | 1128    | 1-Propene, 3-(3,4-dichlorophenyl)-2-phenyl-                | n  | -  | n         | - | - | - | - | - | - |
| 3156 | 25 | 105,947 | 2-Propene-1-arsonic acid                                   | -  | -  | n         | - | - | - | - | - | - |
| 3157 | 54 |         | 2-Propene-1-ol, 2-chloro-                                  | 14 | n  | n         | - | - | - | - | - | - |
| 3158 | 54 |         | 3-chloro-  | 13 | n  | n         | - | - | - | - | - | - |
| 3159 | 54 |         | 2-methyl-; carbanilate                                     | n  | -  | n         | - | - | - | - | - | - |
| 3160 | 49 |         | 2-Propenesulfonic acid, 2-methyl-; sodium salt             | n  | n  | n         | - | - | - | - | - | - |
| 3161 | 25 | 400,138 |  |    |    |           |   |   |   |   |   |   |
|      |    | -65     | 2-Propene-1-sulfonic acid, 2-methyl-; sodium salt          | -  | -  | n         | - | - | - | - | - | - |
| 3162 | 49 |         | 2-Propene-1-thiol  | -  | -  | n         | - | - | - | - | - | - |
| 3163 | 25 | 100,405 | Propionaldehyde  | n  | n  | n         | - | - | - | - | - | - |
| 3164 | 25 | 508,463 | Propionamide, <u>N,N'</u> -ethylenebis[2-methyl-           | n  | n  | n         | - | - | - | - | - | - |
| 3165 | 25 | 107,004 | Propionic acid; 4-biphenyl ester                           | n  | n  | n         | - | - | - | - | - | - |
| 3166 | 25 | 507,528 | diester with <u>N</u> -2-hydroxyethyl lactamide            | -  | -  | n         | - | - | - | - | - | - |
| 3167 | 25 | 510,559 | diester with <u>N</u> -2-hydroxypropyl lactamide           | -  | -  | n         | - | - | - | - | - | - |
| 3168 | 25 | 501,092 | 5-nitrofurfuryl ester                                      | -  | -  | n         | - | - | - | - | - | - |
| 3169 | 25 | 510,564 | triester with <u>N,N</u> -bis(2-hydroxypropyl) lactamide   | -  | -  | n         | - | - | - | - | - | - |
| 3170 | 25 | 400,279 | 3-bromo-   | -  | -  | n         | - | - | - | - | - | - |
| 3171 | 25 | 101,667 | 3-butoxy-; methyl ester                                    | n  | n  | n         | - | - | - | - | - | - |
| 3172 | 25 | 400,584 | 2-chloro-  | -  | -  | n         | - | - | - | - | - | - |
| 3173 | 25 | 400,585 | 3-chloro-  | -  | -  | n         | - | - | - | - | - | - |
| 3174 | 57 | SM-175  | 4-(1,1-dimethylpropyl) phenyl ester                        | 8  | 9  | <u>13</u> | - | - | - | - | - | - |
| 3175 | 25 | 403,136 | methyl ester   | n  | n  | n         | - | - | - | - | - | - |
| 3176 | 25 | 501,357 | 2-(2-cyanoethoxy)-; butyl ester                            | -  | -  | n         | - | - | - | - | - | - |
| 3177 | 57 | Q-118   | (?)-dichloro-3,3-di( <u>p</u> -chlorophenyl)-; ethyl ester | -  | -  | n         | - | - | - | - | - | - |
| 3178 | 57 | Lo-378  | 3-dimethyldithiocarbamyl-                                  | -  | -  | n         | - | - | - | - | - | - |
| 3179 | 25 | 105,991 | 3,3-diphenyl-  | -  | -  | n         | - | - | - | - | - | - |
| 3180 | 25 | 101,250 | 3-ethoxy-; hexyl ester                                     | n  | n  | n         | - | - | - | - | - | - |
| 3181 | 25 | 101,672 | propyl ester   | n  | 13 | n         | - | - | - | - | - | - |
| 3182 | 25 | 101,673 | 3-(2-ethoxyethoxy)-; methyl ester                          | -  | -  | n         | - | - | - | - | - | - |

| Rept. No. | Subm. No. | Subm. Code No. | Name of Chemical   | 5.0 |   |    | 1.0 |   |    | 0.1 |   |    |
|-----------|-----------|----------------|--|-----|---|----|-----|---|----|-----|---|----|
|           |           |                |  | T   | B | SL | T   | B | SL | T   | B | SL |
| 3112      | 63        | C-12995        | -G 1,2-Propanediol, with propylene oxide;<br>mol. wt. 1800, condensation product | n   | n | n  | -   | - | -  | -   | - | -  |
| 3113      | 46        | 260            | 1,3-Propanediol  | n   | n | n  | -   | - | -  | -   | - | -  |
| 3114      | 25        | 101,079        | 2-ethyl-2-hydroxymethyl-   | -   | - | n  | -   | - | -  | -   | - | -  |
| 3115      | 57        | Cr-1570        | Propanephosphonic acid, 1,3-diphenyl-3-oxo-                                      | n   | n | n  | -   | - | -  | -   | - | -  |
| 3116      | 25        | 105,371        | 1,1,2,3-Propanetetracarboxylic acid; tetraethyl ester                            | -   | - | n  | -   | - | -  | -   | - | -  |
| 3117      | 25        | 105,374        | 1,1,3,3-Propanetetracarboxylic acid; tetraethyl ester                            | n   | n | n  | -   | - | -  | -   | - | -  |
| 3118      | 25        | 104,676        | 1,1,3-Propanetricarboxylic acid; 1,1-diethyl 3-methyl ester                      | -   | - | n  | -   | - | -  | -   | - | -  |
| 3119      | 46        | 322            | Propanilamine, <u>o</u> -tolyl-  | -   | - | n  | -   | - | -  | -   | - | -  |
| 3120      | 25        | 100,406        | x-Propanol   | n   | n | n  | -   | - | -  | -   | - | -  |
| 3121      | 46        | 200            | 3-amino-   | -   | - | n  | -   | - | -  | -   | - | -  |
| 3122      | 54        |                | 2-methyl-2-nitro-; carbanilate   | n   | - | n  | -   | - | -  | -   | - | -  |
| 3123      | 31        | 448            | x-nitro-x, x, x-trichloro-; 3,4-dichlorobenzoate                                 | 2   | - | 12 | -   | - | -  | -   | - | -  |
| 3124      | 25        | 506,854        | 1-Propanol, 3-[ <u>o</u> - (and <u>p</u> -) aminophenyl]-                        | -   | - | n  | -   | - | -  | -   | - | -  |
| 3125      | 31        | 403            | 1-(3,4-dichlorophenyl)-2-nitro-  | -   | - | n  | -   | - | -  | -   | - | -  |
| 3126      | 25        | 401,976        | 3-methylmercapto-  | -   | - | n  | -   | - | -  | -   | - | -  |
| 3127      | 25        | 401,984        | 3-phenylmercapto-  | -   | - | n  | -   | - | -  | -   | - | -  |
| 3128      | 35        |                | 2-Propanol, 1-allyloxy-3-chloro-   | -   | - | n  | -   | - | -  | -   | - | -  |
| 3129      | 25        | 502,975        | 1-amino-   | -   | - | n  | -   | - | -  | -   | - | -  |
| 3130      | 25        | 402,499        | 1,3-bis(2-hydroxyethylmercapto)-   | -   | - | n  | -   | - | -  | -   | - | -  |
| 3131      | 57        | SM-567         | 1,3-bis(methylamino)-  | -   | - | n  | -   | - | -  | -   | - | -  |
| 3132      | 25        | 106,383        | 1-butoxy-  | -   | - | n  | -   | - | -  | -   | - | -  |
| 3133      | 25        | 402,636        | 1-( <u>o</u> -chlorophenoxy)-  | n   | n | n  | -   | - | -  | -   | - | -  |
| 3134      | 25        | 505,072        | 1-cyclohexylamino-   | -   | - | n  | -   | - | -  | -   | - | -  |
| 3135      | 25        | 106,605        | 1-(cyclohexyloxy)-   | n   | n | n  | -   | - | -  | -   | - | -  |
| 3136      | 25        | 106,394        | 1-( <u>p</u> -cyclohexylphenoxy)-  | 12  | n | n  | -   | - | -  | -   | - | -  |
| 3137      | 25        | 507,186        | 1-dimethylamino-   | n   | n | n  | -   | - | -  | -   | - | -  |
| 3138      | 57        | Cr-23          | 1,3-dithiocyano-   | -   | - | n  | -   | - | -  | -   | - | -  |
| 3139      | 25        | 104,239        | 1-ethoxy-  | -   | - | n  | -   | - | -  | -   | - | -  |
| 3140      | 25        | 503,633        | -A1 2,2'-iminodi-; complex with $\frac{1}{2}$ f. wt. fluosillicic acid           | -   | - | n  | -   | - | -  | -   | - | -  |
| 3141      | 25        | 104,240        | 1-isopropoxy-  | n   | n | n  | -   | - | -  | -   | - | -  |
| 3142      | 25        | 106,395        | 1,1'-isopropylidenebis( <u>p</u> -phenyleneoxy) di-                              | n   | n | n  | -   | - | -  | -   | - | -  |
| 3143      | 25        | 104,238        | 1-methoxy-   | n   | n | n  | -   | - | -  | -   | - | -  |
| 3144      | 25        | 106,382        | acetate  | -   | - | n  | -   | - | -  | -   | - | -  |

|      |    |         |  |    |    |           |   |   |   |   |   |
|------|----|---------|--|----|----|-----------|---|---|---|---|---|
| 3145 | 25 | 402,134 | 2-Propanol, 2-methyl-1,1,1-tribromo-                       | -  | -  | n         | - | - | - | - | - |
| 3146 | 56 | NP-793  | 3-nitro-1,1,1-trichloro-                                   | -  | -  | n         | - | - | - | - | - |
| 3147 | 31 | 431     | 1-(2-pyridyl)-3,3,3-trichloro-                             | -  | -  | n         | - | - | - | - | - |
| 3148 | 57 | Cr-17   | 2-Propanone, 1,3-dithiocyano-                              | -  | -  | n         | - | - | - | - | - |
| 3149 | 25 | 403,755 | 1,1,1-trichloro-   | -  | -  | n         | - | - | - | - | - |
| 3150 | 44 | CBP-55  | x-Propene, 3-bromo-1-chloro-                               | n  | n  | n         | - | - | - | - | - |
| 3151 | 35 |         | 3-chloro-2-methyl-   | -  | -  | n         | - | - | - | - | - |
| 3152 | 35 |         | 1,3-dichloro-  | -  | -  | n         | - | - | - | - | - |
| 3153 | 44 | DD      | mixture with 1,2-dichloropropane                           | n  | n  | n         | - | - | - | - | - |
| 3154 | 25 | 000,017 | hexachloro-  | 7  | -  | <u>7</u>  | - | - | - | - | - |
| 3155 | 31 | 1128    | 1-Propene, 3-(3,4-dichlorophenyl)-2-phenyl-                | n  | -  | n         | - | - | - | - | - |
| 3156 | 25 | 105,947 | 2-Propene-1-arsonic acid                                   | -  | -  | n         | - | - | - | - | - |
| 3157 | 54 |         | 2-Propene-1-ol, 2-chloro-                                  | 14 | n  | n         | - | - | - | - | - |
| 3158 | 54 |         | 3-chloro-  | 13 | n  | n         | - | - | - | - | - |
| 3159 | 54 |         | 2-methyl-; carbanilate                                     | n  | -  | n         | - | - | - | - | - |
| 3160 | 49 |         | 2-Propenesulfonic acid, 2-methyl-; sodium salt             | n  | n  | n         | - | - | - | - | - |
| 3161 | 25 | 400,138 |  |    |    |           |   |   |   |   |   |
|      |    | -65     | 2-Propene-1-sulfonic acid, 2-methyl-; sodium salt          | -  | -  | n         | - | - | - | - | - |
| 3162 | 49 |         | 2-Propene-1-thiol  | -  | -  | n         | - | - | - | - | - |
| 3163 | 25 | 100,405 | Propionaldehyde  | n  | n  | n         | - | - | - | - | - |
| 3164 | 25 | 508,463 | Propionamide, <u>N,N'</u> -ethylenebis [2-methyl-          | n  | n  | n         | - | - | - | - | - |
| 3165 | 25 | 107,004 | Propionic acid; 4-biphenyl ester                           | n  | n  | n         | - | - | - | - | - |
| 3166 | 25 | 507,528 | diester with <u>N</u> -2-hydroxyethyl lactamide            | -  | -  | n         | - | - | - | - | - |
| 3167 | 25 | 510,559 | diester with <u>N</u> -2-hydroxypropyl lactamide           | -  | -  | n         | - | - | - | - | - |
| 3168 | 25 | 501,092 | 5-nitrofurfuryl ester                                      | -  | -  | n         | - | - | - | - | - |
| 3169 | 25 | 510,564 | triester with <u>N,N</u> -bis(2-hydroxypropyl) lactamide   | -  | -  | n         | - | - | - | - | - |
| 3170 | 25 | 400,279 | 3-bromo-   | -  | -  | n         | - | - | - | - | - |
| 3171 | 25 | 101,667 | 3-butoxy-; methyl ester                                    | n  | n  | n         | - | - | - | - | - |
| 3172 | 25 | 400,584 | 2-chloro-  | -  | -  | n         | - | - | - | - | - |
| 3173 | 25 | 400,585 | 3-chloro-  | -  | -  | n         | - | - | - | - | - |
| 3174 | 57 | SM-175  | 4-(1,1-dimethylpropyl) phenyl ester                        | 8  | 9  | <u>13</u> | - | - | - | - | - |
| 3175 | 25 | 403,136 | methyl ester   | n  | n  | n         | - | - | - | - | - |
| 3176 | 25 | 501,357 | 2-(2-cyanoethoxy)-; butyl ester                            | -  | -  | n         | - | - | - | - | - |
| 3177 | 57 | Q-118   | (?)-dichloro-3,3-di( <u>p</u> -chlorophenyl)-; ethyl ester | -  | -  | n         | - | - | - | - | - |
| 3178 | 57 | Lo-378  | 3-dimethyldithiocarbamyl-                                  | -  | -  | n         | - | - | - | - | - |
| 3179 | 25 | 105,991 | 3,3-diphenyl-  | -  | -  | n         | - | - | - | - | - |
| 3180 | 25 | 101,250 | 3-ethoxy-; hexyl ester                                     | n  | n  | n         | - | - | - | - | - |
| 3181 | 25 | 101,672 | propyl ester   | n  | 13 | n         | - | - | - | - | - |
| 3182 | 25 | 101,673 | 3-(2-ethoxyethoxy)-; methyl ester                          | -  | -  | n         | - | - | - | - | - |





|      |    |         |  |               |           |    |               |           |    |   |   |   |
|------|----|---------|--|---------------|-----------|----|---------------|-----------|----|---|---|---|
| 3217 | 57 | Lo-42   | Pseudourea, 2-allyl-2-thio-; hydrochloride   | -             | -         | n  | -             | -         | -  | - | - | - |
| 3218 | 25 | 800,131 |  |               |           |    |               |           |    |   |   |   |
|      |    | -10     | 2-benzyl-2-thio-; monohydrochloride          | -             | -         | n  | -             | -         | -  | - | - | - |
| 3219 | 57 | Cr-906  | thiocyanate                                  | n             | -         | n  | -             | -         | -  | - | - | - |
| 3220 | 25 | 803,822 |  |               |           |    |               |           |    |   |   |   |
|      |    | -13     | 2-decyl-1,3-diethyl-2-thio-; hydriodide      | $\frac{1}{2}$ | 1         | 3  | $\frac{1}{2}$ | 9         | 9  | n | n | n |
| 3221 | 25 | 803,822 |  |               |           |    |               |           |    |   |   |   |
|      |    | -12     | hydrobromide                                 | 1             | 1         | 1  | 1             | 4         | 4  | n | n | n |
| 3222 | 25 | 803,822 |  |               |           |    |               |           |    |   |   |   |
|      |    | -10     | hydrochloride                                | 1             | 3         | 4  | 2             | 13        | 13 | n | n | n |
| 3223 | 25 | 803,821 |  |               |           |    |               |           |    |   |   |   |
|      |    | -13     | 2-decyl-1,3-dimethyl-2-thio-; hydriodide     | 2             | 3         | 12 | -             | -         | -  | - | - | - |
| 3224 | 25 | 803,821 |  |               |           |    |               |           |    |   |   |   |
|      |    | -12     | hydrobromide                                 | 2             | 2         | 12 | -             | -         | -  | - | - | - |
| 3225 | 25 | 803,821 |  |               |           |    |               |           |    |   |   |   |
|      |    | -10     | hydrochloride                                | 2             | 3         | 4  | ?             | <u>15</u> | n  | n | n | n |
| 3226 | 25 | 801,021 |  |               |           |    |               |           |    |   |   |   |
|      |    | -13     | 2-decyl-2-thio-; hydriodide                  | 2             | 2         | 13 | -             | -         | -  | - | - | - |
| 3227 | 25 | 801,021 |  |               |           |    |               |           |    |   |   |   |
|      |    | -12     | hydrobromide                                 | 1             | 3         | 11 | -             | -         | -  | - | - | - |
| 3228 | 25 | 801,021 |  |               |           |    |               |           |    |   |   |   |
|      |    | -10     | hydrochloride                                | 1             | 2         | 10 | -             | -         | -  | - | - | - |
| 3229 | 25 | 803,826 |  |               |           |    |               |           |    |   |   |   |
|      |    | -13     | 1,3-diethyl-2-dodecyl-2-thio-; hydriodide    | 1             | 2         | 3  | 2             | 12        | 4  | n | n | n |
| 3230 | 25 | 803,826 |  |               |           |    |               |           |    |   |   |   |
|      |    | -12     | hydrobromide                                 | 2             | 2         | 2  | 3             | <u>2</u>  | 15 | n | n | n |
| 3231 | 25 | 803,826 |  |               |           |    |               |           |    |   |   |   |
|      |    | -10     | hydrochloride                                | 1             | 1         | 2  | 3             | 3         | 3  | n | n | n |
| 3232 | 25 | 803,832 |  |               |           |    |               |           |    |   |   |   |
|      |    | -13     | 1,3-diethyl-2-hexadecyl-2-thio-; hydriodide  | 3             | <u>13</u> | n  | -             | -         | -  | - | - | - |
| 3233 | 25 | 803,832 |  |               |           |    |               |           |    |   |   |   |
|      |    | -12     | hydrobromide                                 | 3             | 13        | 13 | -             | -         | -  | - | - | - |
| 3234 | 25 | 803,832 |  |               |           |    |               |           |    |   |   |   |
|      |    | -10     | hydrochloride                                | 11            | n         | n  | -             | -         | -  | - | - | - |
| 3235 | 25 | 803,830 |  |               |           |    |               |           |    |   |   |   |
|      |    | -13     | 1,3-diethyl-2-tetradecyl-2-thio-; hydriodide | 3             | 3         | 5  | -             | -         | -  | - | - | - |
| 3236 | 25 | 803,830 |  |               |           |    |               |           |    |   |   |   |
|      |    | -12     | hydrobromide                                 | 1             | 5         | 13 | -             | -         | -  | - | - | - |

| Rept. No. | Subm. No. | Subm. Code No. | Name of Chemical  | Concentration in ppm |   |    |          |          |           |     |   |    |
|-----------|-----------|----------------|---|----------------------|---|----|----------|----------|-----------|-----|---|----|
|           |           |                |   | 5.0                  |   |    | 1.0      |          |           | 0.1 |   |    |
|           |           |                |   | T                    | B | SL | T        | B        | SL        | T   | B | SL |
| 3237      | 25        | 803,830        | Pseudourea, 1,3-diethyl-2-tetradecyl-2-thio-; hydrochloride | 2                    | 5 | 12 | -        | -        | -         | -   | - | -  |
|           |           | -10            |   |                      |   |    |          |          |           |     |   |    |
| 3238      | 25        | 803,823        | 1,3-dimethyl-2-dodecyl-2-thio-; hydriodide                  | 2                    | 3 | 3  | <u>3</u> | <u>3</u> | <u>3</u>  | n   | n | n  |
|           |           | -13            |   |                      |   |    |          |          |           |     |   |    |
| 3239      | 25        | 803,823        | hydrobromide  | 1                    | 1 | 9  | -        | -        | -         | -   | - | -  |
|           |           | -12            |   |                      |   |    |          |          |           |     |   |    |
| 3240      | 25        | 803,823        | hydrochloride   | 1                    | 2 | 3  | n        | n        | <u>3</u>  | n   | n | n  |
|           |           | -10            |   |                      |   |    |          |          |           |     |   |    |
| 3241      | 25        | 803,831        | 1,3-dimethyl-2-hexadecyl-2-thio-; hydriodide                | 13                   | n | n  | -        | -        | -         | -   | - | -  |
|           |           | -13            |   |                      |   |    |          |          |           |     |   |    |
| 3242      | 25        | 803,831        | hydrobromide  | 2                    | 5 | 13 | -        | -        | -         | -   | - | -  |
|           |           | -12            |   |                      |   |    |          |          |           |     |   |    |
| 3243      | 25        | 803,831        | hydrochloride   | 7                    | n | n  | -        | -        | -         | -   | - | -  |
|           |           | -10            |   |                      |   |    |          |          |           |     |   |    |
| 3244      | 25        | 803,825        | 1,3-dimethyl-2-tetradecyl-2-thio-; hydriodide               | 1                    | 6 | 9  | -        | -        | -         | -   | - | -  |
|           |           | -13            |   |                      |   |    |          |          |           |     |   |    |
| 3245      | 25        | 803,825        | hydrobromide  | 2                    | 5 | 13 | -        | -        | -         | -   | - | -  |
|           |           | -12            |   |                      |   |    |          |          |           |     |   |    |
| 3246      | 25        | 803,825        | hydrochloride   | 2                    | 5 | 13 | -        | -        | -         | -   | - | -  |
|           |           | -10            |   |                      |   |    |          |          |           |     |   |    |
| 3247      | 25        | 801,379        | 2-dodecyl-2-thio-; hydriodide                               | 1                    | 6 | 8  | n        | n        | <u>13</u> | n   | n | n  |
|           |           | -13            |   |                      |   |    |          |          |           |     |   |    |
| 3248      | 25        | 801,379        | hydrobromide  | 1                    | 9 | 9  | -        | -        | -         | -   | - | -  |
|           |           | -12            |   |                      |   |    |          |          |           |     |   |    |
| 3249      | 25        | 801,379        | hydrochloride   | 1                    | 6 | 9  | n        | n        | n         | n   | n | n  |
|           |           | -10            |   |                      |   |    |          |          |           |     |   |    |
| 3250      | 25        | 801,411        | 2-hexadecyl-2-thio-; hydriodide                             | -                    | - | n  | -        | -        | -         | -   | - | -  |
|           |           | -13            |   |                      |   |    |          |          |           |     |   |    |
| 3251      | 25        | 801,411        | hydrobromide  | -                    | - | n  | -        | -        | -         | -   | - | -  |
|           |           | -12            |   |                      |   |    |          |          |           |     |   |    |
| 3252      | 25        | 801,411        | hydrochloride   | -                    | - | n  | -        | -        | -         | -   | - | -  |
|           |           | -10            |   |                      |   |    |          |          |           |     |   |    |
| 3253      | 19        |                | 2-methyl-2-thio-; sulfate                                   | n                    | - | n  | -        | -        | -         | -   | - | -  |
| 3254      | 25        | 801,397        | 2-tetradecyl-2-thio-; hydriodide                            | n                    | n | n  | -        | -        | -         | -   | - | -  |
|           |           | -13            |   |                      |   |    |          |          |           |     |   |    |

|      |    |          |     |  |           |          |           |   |   |   |   |   |   |
|------|----|----------|-----|--|-----------|----------|-----------|---|---|---|---|---|---|
| 3255 | 25 | 801, 397 | -12 | Pseudourea, 2-tetradecyl-2-thio-; hydrobromide   | 1         | n        | 11        | - | - | - | - | - | - |
| 3256 | 25 | 801, 397 | -10 | hydrochloride  | 1         | 9        | 9         | - | - | - | - | - | - |
| 3257 | 25 | 100, 262 |     | Pulegone   | -         | -        | n         | - | - | - | - | - | - |
| 3258 | 25 | 105, 980 |     | 4H-Pyran-3, 5-dicarboxylic acid, 2, 6-dimethyl-4-oxo-;<br>diethyl ester                              | -         | -        | n         | - | - | - | - | - | - |
| 3259 | 57 | SM-276   |     | Pyrane, 2-(t-butoxyethoxy)-tetrahydro-   | -         | -        | n         | - | - | - | - | - | - |
| 3260 | 57 | SM-225   |     | 2-caprylphenoxy-tetrahydro-  | <u>14</u> | <u>5</u> | n         | - | - | - | - | - | - |
| 3261 | 57 | SM-259   |     | 2-(2-ethyl-2-hexenyloxy)-tetrahydro-   | -         | -        | n         | - | - | - | - | - | - |
| 3262 | 57 | SM-194   |     | 2-furfuryloxy-tetrahydro-  | -         | -        | n         | - | - | - | - | - | - |
| 3263 | 57 | SM-221   |     | 2-tetrahydrofurfuryloxy-tetrahydro-  | -         | -        | n         | - | - | - | - | - | - |
| 3264 | 4  |          |     | 2H-Pyran-2-one, 4-dimethylcarbamoxy-6-methyl-  | -         | -        | n         | - | - | - | - | - | - |
| 3265 | 25 | 100, 288 |     | 4H-Pyran-4-one, 5-hydroxy-2-(hydroxymethyl)-   | -         | -        | n         | - | - | - | - | - | - |
| 3266 | 4  |          |     | 5-Pyrazolecarbamic acid, 1-ethyl-3-methyl-; dimethyl ester   | -         | -        | n         | - | - | - | - | - | - |
| 3267 | 46 | 249      |     | 2-Pyrazolin-5-one, 3-methyl-1-phenyl-  | -         | -        | n         | - | - | - | - | - | - |
| 3268 | 4  |          |     | 5-Pyrazolol, 3-methyl-;<br>ester with di(O-ethyl) thiophosphoric acid                                | n         | 12       | n         | - | - | - | - | - | - |
| 3269 | 4  |          |     | ester with diethylphosphoric acid  | n         | n        | n         | - | - | - | - | - | - |
| 3270 | 57 | Lo-628   |     | Pyrazolone, 4, 4'-methylenebis[1-phenyl-3-methyl-  | -         | -        | n         | - | - | - | - | - | - |
| 3271 | 46 | 274      |     | x-phenyl-x-carbethoxy-   | -         | -        | n         | - | - | - | - | - | - |
| 3272 | 25 | 000, 436 |     | Pyrene   | -         | -        | n         | - | - | - | - | - | - |
| 3273 | 25 | 800, 511 |     | Pyridine   | n         | n        | n         | - | - | - | - | - | - |
| 3274 | 57 | Cr-100   |     | compd. with ferrocyanic acid   | n         | n        | n         | - | - | - | - | - | - |
| 3275 | 57 | ER-5     |     | 4-chloro-2-styryl-   | n         | n        | <u>12</u> | - | - | - | - | - | - |
| 3276 | 57 | V-225    |     | 2-(2-diallylaminoethyl)-   | n         | n        | n         | - | - | - | - | - | - |
| 3277 | 25 | 800, 440 |     | 2, 6-distyryl-   | -         | -        | n         | - | - | - | - | - | - |
| 3278 | 25 | 507, 510 |     | 5-nitro-2, 2'-oxydi-   | -         | -        | n         | - | - | - | - | - | - |
| 3279 | 49 |          |     | 3-[5-(3-nitro)pyrazyl]-  | -         | -        | n         | - | - | - | - | - | - |
| 3280 | 35 |          |     | 2, 2, 4, 6-tetramethyldihydro-   | -         | -        | n         | - | - | - | - | - | - |
| 3281 | 54 |          |     | 2-Pyridinecarbamic acid, 4, 6-dimethyl-; isopropyl ester   | n         | n        | n         | - | - | - | - | - | - |
| 3282 | 57 | Cr-1608  |     | Pyridinium compounds;<br>1-allyl—diisopropylbenzenesulfonate   | n         | n        | n         | - | - | - | - | - | - |
| 3283 | 51 |          |     | colaminoforylmethyl—chloride, lauric acid<br>ester ("Emulsept", 12% aq. soln. of<br>active ingred. ) | n         | n        | n         | - | - | - | - | - | - |
| 3284 | 31 | 308      |     | 3, 4-dichlorobenzyl—chloride   | -         | -        | n         | - | - | - | - | - | - |
| 3285 | 63 | O-3795   |     | dodecylbenzyl—chloride   | 3         | 4        | 13        | - | - | - | - | - | - |
| 3286 | 25 | 9K0, 000 |     | 1-(2-hydroxyethyl)—2-benzothiazolysulfide  | -         | -        | n         | - | - | - | - | - | - |

| Rept. No. | Subm. No. | Code No.       | Name of Chemical   | 5.0 |   |    | 1.0 |   |    | 0.1 |   |    |
|-----------|-----------|----------------|--|-----|---|----|-----|---|----|-----|---|----|
|           |           |                |  | T   | B | SL | T   | B | SL | T   | B | SL |
| 3287      | 25        | 508,465<br>-10 | Pyridinium compounds;  |     |   |    |     |   |    |     |   |    |
|           |           |                | 3-hydroxy-1-phenyl—chloride                                      | -   | - | n  | -   | - | -  | -   | - | -  |
| 3288      | 63        | O-1308         | kerylbenzyl—chloride   | -   | - | n  | -   | - | -  | -   | - | -  |
| 3289      | 25        | Y01,968        | 1-methyl-2-(3-phenyl-1,3-butadienyl)—<br>methyl sulfate, polymer | 11  | n | n  | -   | - | -  | -   | - | -  |
| 3290      | 51        |                | quaternary salt (98% pure)                                       | -   | - | n  | -   | - | -  | -   | - | -  |
| 3291      | 63        | O-3713         | tri-isopropylbenzyl—chloride                                     | -   | - | n  | -   | - | -  | -   | - | -  |
| 3292      | 25        | 503,531        | 2-Pyridinol, 5-methyl-   | -   | - | n  | -   | - | -  | -   | - | -  |
| 3293      | 25        | 508,904        | 4-Pyridinol, 3-nitro-  | -   | - | n  | -   | - | -  | -   | - | -  |
| 3294      | 25        | 800,681        | Pyrimidine, 2-amino-4,6-dimethyl-                                | -   | - | n  | -   | - | -  | -   | - | -  |
| 3295      | 25        | 800,006        | 1-butyl-2-hendecyl-1,4,5,6-tetrahydro-                           | 4   | 4 | 12 | -   | - | -  | -   | - | -  |
| 3296      | 25        | 800,489        | 2-chloro-4-dimethylamino-6-methyl-                               | -   | - | n  | -   | - | -  | -   | - | -  |
| 3297      | 57        | SM-536         | 1,3-dinonyl-hexahydro-5-hydroxy-2-octyl-                         | 12  | 8 | 12 | -   | - | -  | -   | - | -  |
| 3298      | 25        | 800,120<br>-65 | 2-Pyrimidinethiol, 4,6-diamino-; sodium derivative               | -   | - | n  | -   | - | -  | -   | - | -  |
| 3299      | 25        | 508,474        | 5H-1-Pyridin-2-ol, 4-acetamido-6,7-dihydro-; acetate             | -   | - | n  | -   | - | -  | -   | - | -  |
| 3300      | 25        | 905,099        | 4-amino-3-bromo-6,7-dihydro-                                     | -   | - | n  | -   | - | -  | -   | - | -  |
| 3301      | 25        | 905,116        | 4-amino-6,7-dihydro-; p-toluenesulfonate                         | n   | n | n  | -   | - | -  | -   | - | -  |
| 3302      | 25        | 905,115        | 4-p-toluenesulfonamido-6,7-dihydro-                              | -   | - | n  | -   | - | -  | -   | - | -  |
| 3303      | 46        | 301            | Pyrocatechol   | -   | - | n  | -   | - | -  | -   | - | -  |
| 3304      | 46        | 127            | Pyrogalllic acid   | -   | - | n  | -   | - | -  | -   | - | -  |
| 3305      | 57        | SM-133         | γ-Pyrone, 2,6-dimethyl-  | -   | - | n  | -   | - | -  | -   | - | -  |
| 3306      | 25        | 902,228        | Pyrophosphoramidate; octamethyl                                  | -   | - | n  | -   | - | -  | -   | - | -  |
| 3307      | 57        | Lo-302         | N,N,N',N',N'',N'',N''',N'''-octamethyl                           | -   | - | n  | -   | - | -  | -   | - | -  |
| 3308      | 59        | CP-852         | Pyrophosphoric acid; <u>unsym.</u> dibutyl diethyl ester         | 4   | 4 | 4  | -   | - | -  | -   | - | -  |
| 3309      | 59        | CP-851         | <u>unsym.</u> diethyl di-(2-ethylhexyl) ester                    | 14  | n | n  | -   | - | -  | -   | - | -  |
| 3310      | 59        | CP-855         | <u>unsym.</u> diethyl diphenyl ester                             | n   | n | n  | -   | - | -  | -   | - | -  |
| 3311      | 59        | CP-1037        | <u>sym.</u> diurea   | -   | - | n  | -   | - | -  | -   | - | -  |
| 3312      | 59        | CP-829         | ethyl tributyl ester   | n   | n | n  | -   | - | -  | -   | - | -  |
| 3313      | 59        | CP-809         | tetraethyl ester   | -   | - | n  | -   | - | -  | -   | - | -  |
| 3314      | 42        |                | tetraethyl ester (40% active)                                    | -   | - | n  | -   | - | -  | -   | - | -  |
| 3315      | 59        | CP-808         | tetraisopropyl ester   | -   | - | n  | -   | - | -  | -   | - | -  |
| 3316      | 59        | CP-955         | tetralead salt and dilead salt                                   | -   | - | n  | -   | - | -  | -   | - | -  |
| 3317      | 59        | CP-814         | tetrapropyl ester  | -   | - | n  | -   | - | -  | -   | - | -  |

|      |    |         |  |    |           |           |   |   |   |   |   |   |
|------|----|---------|--|----|-----------|-----------|---|---|---|---|---|---|
| 3318 | 59 | CP-1055 | Pyrophosphoric acid, dithiono-; tetraethyl ester                                     | 4  | 4         | <u>4</u>  | - | - | - | - | - | - |
| 3319 |    |         | tetrapropyl ester  | -  | -         | n         | - | - | - | - | - | - |
| 3320 | 59 | CP-2634 | monoseleno-; tetraethyl ester  | n  | n         | n         | - | - | - | - | - | - |
| 3321 | 59 | CP-4119 | monothiono-; tetrabutyl ester  | 8  | 12        | <u>4</u>  | - | - | - | - | - | - |
| 3322 | 59 | CP-847  | tetraethyl ester   | 14 | 5         | <u>4</u>  | - | - | - | - | - | - |
| 3323 | 59 | CP-2323 | thiono-; tetraisopropyl ester  | n  | n         | n         | - | - | - | - | - | - |
| 3324 | 59 | CP-1048 | tetrapropyl ester  | -  | -         | <u>6</u>  | - | - | - | - | - | - |
| 3325 | 25 | 800,437 | Pyrrole, 5,5'-dithiobis [1-methyl-2-(3-pyridyl)]-                                    | 5  | <u>13</u> | n         | - | - | - | - | - | - |
| 3326 | 57 | Cr-849  | N-(4-thiocyano)-   | 2  | 3         | 12        | - | - | - | - | - | - |
| 3327 | 25 | 508,457 | 2-Pyrrolicarboxylic acid, 4-acetyl-3,5-dimethyl-                                     | n  | n         | n         | - | - | - | - | - | - |
| 3328 | 25 | 508,467 | 4-acetyl-3,5-dimethyl-; ethyl ester  | n  | n         | n         | - | - | - | - | - | - |
| 3329 | 25 | 510,360 | 3-Pyrrolicarboxylic acid, 5,5',5"-methylidynetris<br>(2,4-dimethyl)-; triethyl ester | -  | -         | n         | - | - | - | - | - | - |
| 3330 | 25 | 500,427 | 2,4-Pyrrolicdicarboxylic acid, 3,5-dimethyl-; diethyl ester                          | 13 | 13        | n         | - | - | - | - | - | - |
| 3331 | 25 | 510,357 | 5,5'-methylenebis (3-methyl)-; tetraethyl ester                                      | -  | -         | n         | - | - | - | - | - | - |
| 3332 | 46 | 254     | Pyrrolidine  | -  | -         | n         | - | - | - | - | - | - |
| 3333 | 54 |         | 1-Pyrrolidinecarboxylic acid; isopropyl ester  | n  | n         | n         | - | - | - | - | - | - |
| 3334 | 25 | 800,468 | -A1  |    |           |           |   |   |   |   |   |   |
|      |    |         | Pyrrolidinium compounds;   |    |           |           |   |   |   |   |   |   |
|      |    |         | 1-benzyl-1-methyl-2-(3-pyridyl) — thiocyanate  | -  | -         | n         | - | - | - | - | - | - |
| 3335 | 25 | 9K0,026 | 1-[2-(2-butoxy-ethoxy)-ethyl] —<br>p-toluenesulfonate                                | -  | -         | n         | - | - | - | - | - | - |
| 3336 | 25 | 800,460 | -12  |    |           |           |   |   |   |   |   |   |
|      |    |         | 1-butyl-1-methyl-2-(3-pyridyl) — bromide   | -  | -         | n         | - | - | - | - | - | - |
| 3337 | 25 | 800,460 | -13  |    |           |           |   |   |   |   |   |   |
|      |    |         | 1-butyl-1-methyl-2-(3-pyridyl) — iodide  | -  | -         | n         | - | - | - | - | - | - |
| 3338 | 25 | 800,460 | -A1  |    |           |           |   |   |   |   |   |   |
|      |    |         | 1-butyl-1-methyl-2-(3-pyridyl) — thiocyanate   | -  | -         | n         | - | - | - | - | - | - |
| 3339 | 25 | 800,462 | -10  |    |           |           |   |   |   |   |   |   |
|      |    |         | 1-(2,4-dichlorobenzyl)-1-methyl-2-(3-pyridyl) —<br>chloride                          | -  | -         | n         | - | - | - | - | - | - |
| 3340 | 25 | 800,463 | -10  |    |           |           |   |   |   |   |   |   |
|      |    |         | 1-(3,4-dichlorobenzyl)-1-methyl-2-(3-pyridyl) —<br>chloride                          | -  | -         | n         | - | - | - | - | - | - |
| 3341 | 25 | 800,453 | -12  |    |           |           |   |   |   |   |   |   |
|      |    |         | 1,1-dimethyl-2-(3-pyridyl) — bromide   | -  | -         | n         | - | - | - | - | - | - |
| 3342 | 25 | 800,479 | -10  |    |           |           |   |   |   |   |   |   |
|      |    |         | 1-dodecyl-1-methyl-2-(3-pyridyl) — chloride  | n  | 7         | <u>17</u> | - | - | - | - | - | - |
| 3343 | 25 | 5K0,040 | 1-dodecyl-1-methyl-2-(3-pyridyl) — oleate  | -  | -         | n         | - | - | - | - | - | - |

| Rept. No. | Subm. No. | Subm. Code No. | Name of Chemical   | Concentration in ppm |    |    |     |   |    |     |   |    |
|-----------|-----------|----------------|--|----------------------|----|----|-----|---|----|-----|---|----|
|           |           |                |  | 5.0                  |    |    | 1.0 |   |    | 0.1 |   |    |
|           |           |                |  | T                    | B  | SL | T   | B | SL | T   | B | SL |
| 3344      | 25        | 9K0,017        | Pyrrolidinium compounds;<br>1-dodecyl-1-methyl-2-(3-pyridyl) —<br>p-toluenesulfonate | -                    | -  | n  | -   | - | -  | -   | - | -  |
| 3345      | 25        | 800,477<br>-12 | 1,1'-ethylenebis-1-methyl-2-(3-pyridyl) —<br>bromide                                 | n                    | n  | n  | -   | - | -  | -   | - | -  |
| 3346      | 25        | 800,485<br>-12 | 1-hexadecyl-1-methyl-2-(3-pyridyl) — bromide   | 4                    | 4  | 8  | -   | - | -  | -   | - | -  |
| 3347      | 25        | 800,485<br>-A1 | 1-hexadecyl-1-methyl-2-(3-pyridyl) —<br>thiocyanate                                  | 1                    | 2  | 6  | -   | - | -  | -   | - | -  |
| 3348      | 25        | 9K0,013        | 1-hexadecyl-1-methyl-2-(3-pyridyl) —<br>p-toluenesulfonate                           | 2                    | 10 | 10 | -   | - | -  | -   | - | -  |
| 3349      | 25        | 800,469<br>-13 | 1-methyl-1-octyl-2-(3-pyridyl) — iodide  | -                    | -  | n  | -   | - | -  | -   | - | -  |
| 3350      | 25        | 100,225        | Pyruvic acid   | -                    | -  | n  | -   | - | -  | -   | - | -  |

|      |    |         |   |          |          |          |    |   |    |   |    |   |
|------|----|---------|---|----------|----------|----------|----|---|----|---|----|---|
| 3351 | 25 | 100,361 |   | -        | -        | n        | -  | - | -  | - | -  | - |
|      |    | -A1     | Quilon  |          |          |          |    |   |    |   |    |   |
| 3352 | 46 | 246     | Quinacrine  | -        | -        | n        | -  | - | -  | - | -  | - |
| 3353 | 25 | 800,053 | Quinaldine  | n        | <u>1</u> | n        | -  | - | -  | - | -  | - |
| 3354 | 57 | Cr-1119 | picrate   | n        | n        | n        | -  | - | -  | - | -  | - |
| 3355 | 25 | 801,465 | $\alpha$ -(p-dimethylaminobenzylidene)-                     | -        | -        | n        | -  | - | -  | - | -  | - |
| 3356 | 25 | 510,555 | Quinazoline, 6,7-dimethoxy-                                 | n        | n        | n        | -  | - | -  | - | -  | - |
| 3357 | 25 | 501,792 | 4-Quinazolinol, 2-methyl-                                   | -        | -        | n        | -  | - | -  | - | -  | - |
| 3358 | 25 | 1K0,000 | Quinhydrone   | 1        | 3        | 9        | 14 | 4 | 14 | n | 14 | n |
| 3359 | 57 | Cr-720  | Quinizarin  | n        | n        | n        | -  | - | -  | - | -  | - |
| 3360 | 25 | 800,045 | Quinoline   | n        | n        | n        | -  | - | -  | - | -  | - |
|      | 67 |         | "ditto"   | 14       | 4        | <u>4</u> | -  | - | -  | - | -  | - |
| 3361 | 25 | 803,318 | 5-amino-  | -        | -        | n        | -  | - | -  | - | -  | - |
| 3362 | 25 | 905,101 | 5-bromo-6-methoxy-8-nitro-                                  | -        | -        | n        | -  | - | -  | - | -  | - |
| 3363 | 46 | 269     | 8-(p-chlorobenzoyloxy)-                                     | <u>2</u> | 14       | n        | -  | - | -  | - | -  | - |
| 3364 | 25 | 800,227 |   |          |          |          |    |   |    |   |    |   |
|      |    | -18     | 7-chloro-4-(4-diethylamino-1-methylbutylamino)-;            |          |          |          |    |   |    |   |    |   |
|      |    |         | diphosphate   | -        | -        | n        | -  | - | -  | - | -  | - |
| 3365 | 25 | 900,044 | 8-chloro-5-nitro-   | 13       | 13       | n        | -  | - | -  | - | -  | - |
| 3366 | 25 | 800,039 | 4,7-dichloro-   | -        | -        | n        | -  | - | -  | - | -  | - |
| 3367 | 58 | O-8942  | 4,5-dichloro-3-methyl-                                      | 4        | 4        | <u>3</u> | -  | - | -  | - | -  | - |
| 3368 | 25 | 800,072 | 4,7-dichloro-2-phenyl-                                      | -        | -        | n        | -  | - | -  | - | -  | - |
| 3369 | 25 | 508,494 | 6-methoxy-5-(p-methoxyphenoxy)-8-nitro-                     | <u>2</u> | <u>4</u> | <u>2</u> | -  | - | -  | - | -  | - |
| 3370 | 25 | 502,968 | 8-phenylmercurioxy-   | 2        | 5        | 13       | -  | - | -  | - | -  | - |
| 3371 | 25 | 507,210 | 3-Quinolinecarboxylic acid, 4-hydroxy-7-nitro-; ethyl ester | -        | -        | n        | -  | - | -  | - | -  | - |
| 3372 | 25 | 800,061 |   |          |          |          |    |   |    |   |    |   |
|      |    | -13     | Quinolinium compounds; 1-ethyl—iodide                       | -        | -        | n        | -  | - | -  | - | -  | - |
| 3373 | 25 | 800,054 |   |          |          |          |    |   |    |   |    |   |
|      |    | -13     | 1-methyl—iodide   | -        | -        | n        | -  | - | -  | - | -  | - |
| 3374 | 25 | 503,567 | 4-Quinolinol  | -        | -        | n        | -  | - | -  | - | -  | - |
| 3375 | 46 | 255     | 8-Quinolinol  | -        | -        | n        | -  | - | -  | - | -  | - |
| 3376 | 25 | 500,043 | 5-benzyl-   | -        | -        | n        | -  | - | -  | - | -  | - |
| 3377 | 25 | 900,178 | 5-chloro-7-iodo-  | 9        | 13       | 13       | -  | - | -  | - | -  | - |
| 3378 | 25 | 900,127 | 5,7-diiodo-   | -        | -        | n        | -  | - | -  | - | -  | - |
| 3379 | 25 | 900,126 | 5,6,7-trichloro-  | -        | -        | n        | -  | - | -  | - | -  | - |



| Rept. No. | Subm. No. | Subm. Code No. | Name of Chemical                            | Concentration in ppm |    |    |     |   |    |     |   |    |
|-----------|-----------|----------------|---|----------------------|----|----|-----|---|----|-----|---|----|
|           |           |                |   | 5.0                  |    |    | 1.0 |   |    | 0.1 |   |    |
|           |           |                |   | T                    | B  | SL | T   | B | SL | T   | B | SL |
| 3380      | 25        | 104,164        | Raffinose                                   | -                    | -  | n  | -   | - | -  | -   | - | -  |
| 3381      | 46        | 179            | Resorcinol                                  | -                    | -  | n  | -   | - | -  | -   | - | -  |
| 3382      | 57        | SM-191         | acetate laurate                             | n                    | n  | n  | -   | - | -  | -   | - | -  |
| 3383      | 46        | 244            | 2-amino-; hydrochloride                     | -                    | -  | n  | -   | - | -  | -   | - | -  |
| 3384      | 49        |                | 5-amino- (Phloramine)                       | n                    | n  | n  | -   | - | -  | -   | - | -  |
| 3385      | 31        | 438            | x-chloro-x-octyl-                           | 1                    | 1  | 8  | n   | n | n  | n   | n | n  |
| 3386      | 4         |                | dihydrodimethyl-; dimethylcarbamate         | -                    | -  | n  | -   | - | -  | -   | - | -  |
| 3387      | 49        |                | x-methyl-5-amino- (Methyl phloramine)       | -                    | -  | n  | -   | - | -  | -   | - | -  |
| 3388      | 56        | NP-1348        | tetrachloro- (crude)                        | 4                    | 12 | 8  | -   | - | -  | -   | - | -  |
| 3389      | 31        | 437            | 4-(1,1,3,3-tetramethylbutyl)-               | 1                    | -  | 12 | -   | - | -  | -   | - | -  |
| 3390      | 25        | 403,141        | 2,4,6-tribromo-                             | -                    | -  | n  | -   | - | -  | -   | - | -  |
| 3391      | 46        | 126            | $\beta$ -Resorcylic acid                    | -                    | -  | n  | -   | - | -  | -   | - | -  |
| 3392      | 49        |                | 5-nitro-                                    | -                    | -  | n  | -   | - | -  | -   | - | -  |
| 3393      | 25        | 500,616        |   |                      |    |    |     |   |    |     |   |    |
|           |           | -10            | Rhodamine 6 GDN                             | -                    | -  | n  | -   | - | -  | -   | - | -  |
| 3394      | 46        | 248            | Rhodanine                                   | -                    | -  | n  | -   | - | -  | -   | - | -  |
| 3395      | 57        | Lo-63          | x-benzylidene-                              | $\frac{1}{2}$        | 3  | 4  | 4   | n | 15 | n   | n | n  |
| 3396      | 57        | Lo-642         | 5-cinnamylidene-                            | 3                    | 3  | 9  | -   | - | -  | -   | - | -  |
| 3397      | 31        | 357            | 5-(3,4-dichlorobenzylidene)-                | 2                    | 4  | 5  | n   | n | 14 | n   | ? | n  |
| 3398      | 57        | Lo-497         | 5-isobutylidene-                            | 13                   | 13 | 9  | -   | - | -  | -   | - | -  |
| 3399      | 57        | Lo-635         | 5-(1,1,3,3-tetramethylbutylaminomethylene)- | n                    | n  | n  | -   | - | -  | -   | - | -  |
| 3400      | 25        | 100,360        | Ricinoleic acid                             | -                    | -  | n  | -   | - | -  | -   | - | -  |
| 3401      | 25        | 107,792        | acetate, 2-acetoxypropyl ester              | -                    | -  | n  | -   | - | -  | -   | - | -  |
| 3402      | 25        | 105,879        | acetate, butyl ester                        | -                    | -  | n  | -   | - | -  | -   | - | -  |
| 3403      | 25        | 105,863        | acetate, 2-methoxyethyl ester               | -                    | -  | n  | -   | - | -  | -   | - | -  |
| 3404      | 25        | 106,818        | acetate, methyl ester                       | -                    | -  | n  | -   | - | -  | -   | - | -  |
| 3405      | 25        | 100,360        |   |                      |    |    |     |   |    |     |   |    |
|           |           | -52            | barium salt                                 | -                    | -  | n  | -   | - | -  | -   | - | -  |
| 3406      | 25        | 107,790        | butyl ester                                 | -                    | -  | n  | -   | - | -  | -   | - | -  |
| 3407      | 25        | 100,360        |   |                      |    |    |     |   |    |     |   |    |
|           |           | -54            | calcium salt                                | -                    | -  | n  | -   | - | -  | -   | - | -  |
| 3408      | 25        | 107,788        | 2-hydroxypropyl ester                       | n                    | n  | n  | -   | - | -  | -   | - | -  |
| 3409      | 25        | 107,789        | 2-methoxyethyl ester                        | -                    | -  | n  | -   | - | -  | -   | - | -  |
| 3410      | 25        | 100,603        | methyl ester                                | -                    | -  | n  | -   | - | -  | -   | - | -  |
| 3411      | 25        | 100,360        |   |                      |    |    |     |   |    |     |   |    |
|           |           | -65            | sodium salt                                 | -                    | -  | n  | -   | - | -  | -   | - | -  |

|      |    |          |   |               |               |          |               |    |    |   |   |   |
|------|----|----------|---|---------------|---------------|----------|---------------|----|----|---|---|---|
| 3412 | 25 | Y01, 969 | Ricinolein, x, x-di-; mixture with 1-monoricinolein | n             | n             | n        | -             | -  | -  | - | - | - |
| 3413 | 1  |          | Rosin Amine D                                       | 4             | 6             | 9        | -             | -  | -  | - | - | - |
| 3414 | 1  |          | acetate (70% paste)                                 | 2             | 3             | 12       | -             | -  | -  | - | - | - |
| 3415 | 1  |          | diacetate, <u>N</u> - (3-aminopropyl)               | 2             | 8             | 12       | -             | -  | -  | - | - | - |
| 3416 | 1  |          | pentachlorophenate                                  | 1             | 2             | 4        | n             | 12 | n  | n | n | n |
| 3417 | 2  |          | Rotenone; crystalline                               | $\frac{1}{2}$ | $\frac{1}{2}$ | 13       | -             | -  | -  | - | - | - |
| 3418 | 2  |          | emulsifiable, liquid "Noxfish"                      | $\frac{1}{2}$ | $\frac{1}{2}$ | 14       | $\frac{1}{2}$ | 2  | 14 | 1 | ? | n |
| 3419 | 3  |          | "Fish-Tox"  | 1             | 1             | 10       | -             | -  | -  | - | - | - |
| 3420 | 57 | Cr-1121  | Rufat-52; 2-chloroethyl ester                       | n             | n             | n        | -             | -  | -  | - | - | - |
| 3421 | 2  |          | Ryania ("Ryanicide 100")                            | -             | -             | n        | -             | -  | -  | - | - | - |
|      |    |          |   |               |               |          |               |    |    |   |   |   |
| 3422 | 25 | 100, 254 | Safrole   | n             | n             | n        | -             | -  | -  | - | - | - |
| 3423 | 31 | 100      | Salicylaldehyde, 3,5-dichloro-; oxime               | 1             | 6             | 10       | 11            | n  | n  | n | n | n |
| 3424 | 46 | 317      | Salicylamide  | -             | -             | n        | -             | -  | -  | - | - | - |
| 3425 | 31 | 318      | copper salt   | 9             | 13            | 13       | -             | -  | -  | - | - | - |
| 3426 | 31 | 443      | reaction with chloral                               | -             | -             | n        | -             | -  | -  | - | - | - |
| 3427 | 58 | O-4978   | Salicylic acid; allyl ester                         | -             | -             | n        | -             | -  | -  | - | - | - |
| 3428 | 57 | Cr-683   | benzyl ester  | n             | n             | n        | -             | -  | -  | - | - | - |
| 3429 | 46 | 35       | <u>p</u> -chlorobenzyl ester                        | 12            | n             | n        | -             | -  | -  | - | - | - |
| 3430 | 57 | Cr-1248  | <u>p</u> -chlorophenyl ester                        | 4             | 14            | <u>4</u> | -             | -  | -  | - | - | - |
| 3431 | 57 | SM-202   | diisopropylbenzyl ester                             | -             | -             | n        | -             | -  | -  | - | - | - |
| 3432 | 58 | O-513-a  | ethyl ester   | -             | -             | n        | -             | -  | -  | - | - | - |
| 3433 | 25 | 106,497  | ethyl ester, diester with carbonic acid             | -             | -             | n        | -             | -  | -  | - | - | - |
| 3434 | 57 | SM-263   | 2-ethylhexenyl ester                                | -             | -             | n        | -             | -  | -  | - | - | - |
| 3435 | 31 | 588      | hydrazide   | -             | -             | n        | -             | -  | -  | - | - | - |
| 3436 | 46 | 129      | methyl ester  | -             | -             | n        | -             | -  | -  | - | - | - |
| 3437 | 57 | Cr-93    | methyl ester, sodium salt                           | -             | -             | n        | -             | -  | -  | - | - | - |
| 3438 | 25 | 500,036  | 5-amino-  | -             | -             | n        | -             | -  | -  | - | - | - |
| 3439 | 46 | 241      | hydrochloride                                       | -             | -             | n        | -             | -  | -  | - | - | - |
| 3440 | 25 | 400,015  | 5-bromo-; acetate                                   | -             | -             | n        | -             | -  | -  | - | - | - |
| 3441 | 31 | 44       | <u>n</u> -hexyl-                                    | 9             | <u>9</u>      | n        | -             | -  | -  | - | - | - |
| 3442 | 25 | 403,210  | x-iodo-   | -             | -             | n        | -             | -  | -  | - | - | - |
| 3443 | 25 | 400,016  | 5-iodo-; acetate                                    | -             | -             | n        | -             | -  | -  | - | - | - |
| 3444 | 57 | Cr-1273  | 5-isopropyl-; copper (II) derivative                | 13            | n             | 13       | -             | -  | -  | - | - | - |
| 3445 | 25 | 107,563  | 5,5'-methylenedi-                                   | n             | n             | n        | -             | -  | -  | - | - | - |

| Rept. No. | Subm. No. | Subm. Code No. | Name of Chemical   | Concentration in ppm |          |          |     |   |    |     |   |    |
|-----------|-----------|----------------|--|----------------------|----------|----------|-----|---|----|-----|---|----|
|           |           |                |  | 5.0                  |          |          | 1.0 |   |    | 0.1 |   |    |
|           |           |                |  | T                    | B        | SL       | T   | B | SL | T   | B | SL |
| 3446      | 31        | 799            | Salicylic acid, 3-phenylazo-                                   | n                    | -        | n        | -   | - | -  | -   | - | -  |
| 3447      | 25        | 101,949        | Saligenin  | -                    | -        | n        | -   | - | -  | -   | - | -  |
| 3448      | 57        | SM-16          | Sebacic acid; bis(cyclohexane-2-one-1-yl) ester                | n                    | n        | n        | -   | - | -  | -   | - | -  |
| 3449      | 57        | SM-87          | diallyl ester  | 5                    | 14       | n        | -   | - | -  | -   | - | -  |
| 3450      | 57        | ER-99          | diester with 2-hydroxydecanenitrile                            | n                    | -        | n        | -   | - | -  | -   | - | -  |
| 3451      | 57        | ER-89          | diester with 2-hydroxy-2-methylpropionitrile                   | 7                    | 12       | n        | -   | - | -  | -   | - | -  |
| 3452      | 57        | ER-137         | diester with 2-hydroxy-3-pentenitrile                          | 3                    | -        | n        | -   | - | -  | -   | - | -  |
| 3453      | 57        | ER-119         | diester with 3,3,3-trichlorolactonitrile                       | 10                   | -        | n        | -   | - | -  | -   | - | -  |
| 3454      | 57        | SM-20          | potassium disalt   | n                    | n        | n        | -   | - | -  | -   | - | -  |
| 3455      | 49        |                | Semicarbazide; hydrochloride                                   | -                    | -        | n        | -   | - | -  | -   | - | -  |
| 3456      | 49        |                | thio-  | -                    | -        | n        | -   | - | -  | -   | - | -  |
| 3457      | 25        | 401,076        | Silicic acid; tetrakis(2-chloroethyl) ester                    | -                    | -        | n        | -   | - | -  | -   | - | -  |
| 3458      | 46        | 59             | Soap bark (ext.)   | -                    | -        | n        | -   | - | -  | -   | - | -  |
| 3459      | 16        |                | Sodium arsenite solution ("Weedex")                            | n                    | n        | n        | -   | - | -  | -   | - | -  |
| 3460      | 46        | 257            | Sodium azide   | n                    | n        | n        | -   | - | -  | -   | - | -  |
| 3461      | 42        |                | Sodium chlorate (56% borates; 40% active)                      | -                    | -        | n        | -   | - | -  | -   | - | -  |
| 3462      | 15        |                | Sodium chromate, anhydrous purified                            | -                    | -        | n        | -   | - | -  | -   | - | -  |
| 3463      | 15        |                | Sodium cyanide   | 2                    | 2        | <u>2</u> | -   | - | -  | -   | - | -  |
| 3464      | 42        |                | Sodium dichromate (100% active)                                | -                    | -        | n        | -   | - | -  | -   | - | -  |
|           | 15        |                | "ditto" (A.R.)   | -                    | -        | n        | -   | - | -  | -   | - | -  |
| 3465      | 49        |                | Sodium formaldehydesulfoxylate                                 | -                    | -        | n        | -   | - | -  | -   | - | -  |
| 3466      | 15        |                | Sodium iodide, U.S.P. XIV                                      | -                    | -        | n        | -   | - | -  | -   | - | -  |
| 3467      | 17        |                | Sodium rimocidin   | n                    | n        | n        | -   | - | -  | -   | - | -  |
| 3468      | 57        | Cr-981         | Sodium salt of Cr 978  | 3                    | 2        | 14       | n   | n | n  | n   | n | n  |
| 3469      | 57        | SM-266         | Sorbamide, <u>N,N</u> -dimethyl-                               | -                    | -        | n        | -   | - | -  | -   | - | -  |
| 3470      | 57        | SM-242         | Sorbic acid; 2-ethyl-2-hexenyl ester                           | 2                    | 14       | n        | -   | - | -  | -   | - | -  |
| 3471      | 57        | Cr-923         | <u>d</u> -Sorbitol; 1,2,6-triester with crude tridecanoic acid | n                    | n        | n        | -   | - | -  | -   | - | -  |
| 3472      | 57        | Cr-807         | Stearamide, <u>N</u> -thiocyanomethyl-                         | n                    | n        | n        | -   | - | -  | -   | - | -  |
| 3473      | 49        |                | Stearic acid; allyl ester                                      | -                    | -        | n        | -   | - | -  | -   | - | -  |
| 3474      | 57        | He-474         | 2-chloroethyl ester  | n                    | n        | n        | -   | - | -  | -   | - | -  |
| 3475      | 57        | SM-41          | 4-methylcyclopentanon-2-yl ester                               | -                    | -        | n        | -   | - | -  | -   | - | -  |
| 3476      | 25        | 100,335        | monoester with nonaethylene glycol                             | -                    | -        | n        | -   | - | -  | -   | - | -  |
| 3477      | 57        | He-485         | 2-thiocyanoethyl ester   | n                    | n        | n        | -   | - | -  | -   | - | -  |
| 3478      | 25        | 800,404        | 2-Stilbazole   | <u>1</u> / <u>4</u>  | <u>2</u> | n        | -   | - | -  | -   | - | -  |
| 3479      | 57        | H-124          | Stilbene   | n                    | n        | n        | -   | - | -  | -   | - | -  |
| 3480      | 49        |                | chlorotrinitro-  | -                    | -        | n        | -   | - | -  | -   | - | -  |

|      |    |         |   |               |    |           |   |   |    |   |   |   |
|------|----|---------|---|---------------|----|-----------|---|---|----|---|---|---|
| 3481 | 25 | 502,706 | Stilbene, 2,4-dinitro-  | -             | -  | n         | - | - | -  | - | - | - |
| 3482 | 31 | 463     | 3,4,3',4'-tetrachloro-  | -             | -  | n         | - | - | -  | - | - | - |
| 3483 | 49 |         | 2,4,6-trinitro-   | 1             | n  | n         | - | - | -  | - | - | - |
| 3484 | 49 |         | x,x-Stilbenedicarboxamide, <u>N,N'</u> -diallyl-                        | -             | -  | n         | - | - | -  | - | - | - |
| 3485 | 49 |         | x,x-Stilbenedisulfonic acid, tetrazo-                                   | -             | -  | n         | - | - | -  | - | - | - |
| 3486 | 69 |         | Strobane (technical)  | 4             | 9  | <u>14</u> | - | - | -  | - | - | - |
| 3487 | 57 | ER-25   | Styrene, 4-chloro- $\beta$ -nitro-                                      | 2             | 2  | <u>6</u>  | 2 | 2 | 12 | n | n | n |
| 3488 | 31 | 575     | 3,4-dichloro- $\beta$ -nitro-   | 1             | -  | 12        | - | - | -  | - | - | - |
| 3489 |    |         | 2,4-dimethoxy- $\beta$ -nitro-  | 2             | 2  | 13        | - | - | -  | - | - | - |
| 3490 | 25 | 000,835 | $\alpha$ -methyl-   | n             | -  | n         | - | - | -  | - | - | - |
| 3491 | 39 | CS-838  | x-nitro-  | $\frac{1}{2}$ | 2  | 10        | - | - | -  | - | - | - |
| 3492 | 25 | 508,454 | $\alpha$ -nitro-  | 2             | 2  | 13        | - | - | -  | - | - | - |
| 3493 | 25 | Y01,970 |   |               |    |           |   |   |    |   |   |   |
|      |    | -65     | Styrenesulfonic acid; sodium salt, polymer                              | -             | -  | n         | - | - | -  | - | - | - |
| 3494 | 25 | 507,219 | Succinanic acid, <u>N</u> -isopropyl-2,4-dimethyl-                      | -             | -  | n         | - | - | -  | - | - | - |
| 3495 | 25 | 101,482 |   |               |    |           |   |   |    |   |   |   |
|      |    | -A1     | Succinic acid; diamminocopper (II) complex                              | 14            | n  | 11        | - | - | -  | - | - | - |
| 3496 | 25 | 101,543 | diester with ethyl lactate  | -             | -  | n         | - | - | -  | - | - | - |
| 3497 | 25 | 101,607 | diester with octyl lactate  | n             | n  | n         | - | - | -  | - | - | - |
| 3498 | 25 | 101,482 |   |               |    |           |   |   |    |   |   |   |
|      |    | -68     | nickel (II) salt  | -             | -  | n         | - | - | -  | - | - | - |
| 3499 | 25 | Y00,005 |   |               |    |           |   |   |    |   |   |   |
|      |    | -A1     | alkenyl-; aminocopper complex; alkenyl = C <sub>6</sub> -C <sub>8</sub> | n             | n  | n         | - | - | -  | - | - | - |
| 3500 | 25 | Y00,070 |   |               |    |           |   |   |    |   |   |   |
|      |    | -A1     | amminocopper complex; alkenyl = C <sub>8</sub> -C <sub>10</sub>         | n             | n  | n         | - | - | -  | - | - | - |
| 3501 | 25 | Y00,005 |   |               |    |           |   |   |    |   |   |   |
|      |    | -A2     | ammiesilver complex   | n             | n  | n         | - | - | -  | - | - | - |
| 3502 | 25 | Y00,005 |   |               |    |           |   |   |    |   |   |   |
|      |    | -50     | disilver salt   | 1             | 3  | 13        | - | - | -  | - | - | - |
| 3503 | 25 | Y00,026 |   |               |    |           |   |   |    |   |   |   |
|      |    | -60     | monobutyl ester, mercury (I) salt                                       | 2             | 12 | n         | - | - | -  | - | - | - |
| 3504 | 57 | Cr-47   | bromo-  | -             | -  | n         | - | - | -  | - | - | - |
| 3505 | 58 | O-5708  | $\alpha,\beta$ -dimethyl-; ( <u>trans</u> ), 2-ethylbutyl ester         | -             | -  | n         | - | - | -  | - | - | - |
| 3506 | 34 |         | dodeceny-; diphenylmercuric ester, 10% Hg<br>("SUPER AD-IT")            | 4             | 4  | 13        | - | - | -  | - | - | - |
| 3507 | 25 | 403,636 | tetrafluoro-  | -             | -  | n         | - | - | -  | - | - | - |
| 3508 | 46 | 308     | Succinic anhydride  | n             | n  | n         | - | - | -  | - | - | - |
| 3509 | 57 | SM-43   | Succinimide, <u>N</u> -bromo-   | $\frac{1}{2}$ | ?  | n         | - | - | -  | - | - | - |

| Rept. No. | Subm. No. | Subm. Code No. | Name of Chemical   | Concentration in ppm |               |    |     |    |           |     |   |    |
|-----------|-----------|----------------|--|----------------------|---------------|----|-----|----|-----------|-----|---|----|
|           |           |                |  | 5.0                  |               |    | 1.0 |    |           | 0.1 |   |    |
|           |           |                |  | T                    | B             | SL | T   | B  | SL        | T   | B | SL |
| 3510      | 25        | 100,135        | Sucrose; octaacetate   | -                    | -             | n  | -   | -  | -         | -   | - | -  |
| 3511      | 57        | FW-231         | Sulfamic acid, <u>N</u> -(2-cyanoethyl)- <u>N</u> -2-ethylhexyl-; ethyl ester    | n                    | n             | n  | -   | -  | -         | -   | - | -  |
| 3512      | 56        | NP-1310        | dimethyl-  | -                    | -             | n  | -   | -  | -         | -   | - | -  |
| 3513      | 57        | Q-225          | <u>p</u> -chlorophenyl ester   | n                    | n             | n  | -   | -  | -         | -   | - | -  |
| 3514      | 57        | SM-514         | Sulfamide, <u>N</u> , <u>N'</u> -di-1,1,3,3-tetramethylbutyl-                    | n                    | n             | n  | -   | -  | -         | -   | - | -  |
| 3515      | 46        | 284            | Sulfanilamide  | -                    | -             | n  | -   | -  | -         | -   | - | -  |
| 3516      | 25        | 901,257        | <u>N</u> -(2-benzimidazolymethyl)-   | -                    | -             | n  | -   | -  | -         | -   | - | -  |
| 3517      | 25        | 900,052        |  |                      |               |    |     |    |           |     |   |    |
|           |           | -01            | <u>N</u> <sup>1</sup> -(1-hydroxyethyl-2,2,2-trichloro)-; sesqui-hydrate         | -                    | -             | n  | -   | -  | -         | -   | - | -  |
| 3518      | 57        | Cr-334         | Sulfanilic acid; <u>p</u> -toluidinium salt                                      | -                    | -             | n  | -   | -  | -         | -   | - | -  |
| 3519      | 57        | Cr-759         | <u>N</u> -acetyl-  | n                    | n             | n  | -   | -  | -         | -   | - | -  |
| 3520      | 57        | Cr-760         | <u>p</u> -toluidine salt   | n                    | n             | n  | -   | -  | -         | -   | - | -  |
| 3521      | 25        | 905,111        |  |                      |               |    |     |    |           |     |   |    |
|           |           | -65            | <u>N</u> -benzoyl-; sodium salt  | -                    | -             | n  | -   | -  | -         | -   | - | -  |
| 3522      | 25        | 900,731        | <u>N</u> , <u>N</u> -dimethyl-   | -                    | -             | n  | -   | -  | -         | -   | - | -  |
| 3523      | 57        | Cr-200         | Sulfide, benzyl <u>p</u> -nitrophenyl  | n                    | n             | n  | -   | -  | -         | -   | - | -  |
| 3524      | 57        | WC-101         | bis(3-amino-5-chloro-2-hydroxyphenyl)  | 9                    | <u>13</u>     | 9  | -   | -  | -         | -   | - | -  |
| 3525      | 57        | Cr-339         | bis(5-benzyl-2-hydroxyphenyl)  | -                    | -             | n  | -   | -  | -         | -   | - | -  |
| 3526      | 57        | Cr-342         | bis(2-benzyloxy-5- <u>tert</u> -butylphenyl)                                     | -                    | -             | n  | -   | -  | -         | -   | - | -  |
| 3527      | 57        | Cr-309         | bis(2-benzyloxy-5- <u>chloro</u> phenyl)   | -                    | -             | n  | -   | -  | -         | -   | - | -  |
| 3528      | 57        | Cr-423         | bis[2-(2-biphenyloxy)ethyl]  | n                    | n             | n  | -   | -  | -         | -   | - | -  |
| 3529      | 25        | 400,842        | bis(5- <u>tert</u> -butyl-2-hydroxyphenyl)                                       | 2                    | 12            | n  | -   | -  | -         | -   | - | -  |
| 3530      | 57        | Cr-1127        | bis[ <u>p</u> - <u>tert</u> -butyl- <u>o</u> -( <u>p</u> -nitrobenzyloxy)phenyl] | n                    | n             | n  | -   | -  | -         | -   | - | -  |
| 3531      | 57        | Cr-410         | bis[2-(4- <u>tert</u> -butylphenoxy)ethyl]                                       | n                    | n             | n  | -   | -  | -         | -   | - | -  |
| 3532      | 57        | WC-126         | bis(5-chloro-3-dithiocarboxyamino-2-hydroxyphenyl); zinc salt                    | -                    | -             | n  | -   | -  | -         | -   | - | -  |
| 3533      | 57        | WC-95          | bis(5-chloro-2-hydroxyphenyl); bis(dimethylamino butenyl) sulfide mono salt      | $\frac{1}{2}$        | $\frac{1}{2}$ | 12 | -   | -  | -         | -   | - | -  |
| 3534      | 57        | WC-3           | di-(3,5,5-trimethylhexyl) amine mono salt  | 4                    | n             | 14 | -   | -  | -         | -   | - | -  |
| 3535      | 57        | WC-68          | ethylenediamine mono salt  | $\frac{1}{2}$        | 1             | 4  | 1   | 2  | 14        | n   | n | n  |
| 3536      | 57        | WC-59          | 1-methyl-2-pentenylamine salt  | $\frac{1}{2}$        | 1             | 8  | 1   | 12 | <u>2</u>  | n   | n | ?  |
| 3537      | 57        | WC-58          | 1-methylpentylamine salt   | $\frac{1}{2}$        | 1             | 4  | 1   | 1  | <u>14</u> | n   | n | n  |
| 3538      | 57        | WC-8           | nicotine mono salt   | $\frac{1}{2}$        | 1             | 9  | n   | n  | n         | n   | n | n  |
| 3539      | 57        | WC-34          | 1,1,3,3-tetramethylbutylamine mono salt  | $\frac{1}{2}$        | 1             | 9  | -   | -  | -         | -   | - | -  |

|      |    |         |   |               |               |               |   |   |   |   |   |   |
|------|----|---------|---|---------------|---------------|---------------|---|---|---|---|---|---|
| 3540 | 57 | WC-2    | Sulfide, bis(5-chloro-2-hydroxyphenyl); 3,5,5-trimethylhexylamine mono salt | 1             | 1             | 10            | - | - | - | - | - | - |
| 3541 | 57 | WC-127  | bis(5-chloro-2-hydroxy-3-trichloromethylmercaptoaminophenyl)                | n             | n             | n             | - | - | - | - | - | - |
| 3542 | 57 | Cr-310  | bis[5-chloro-2-(p-nitrobenzyloxy) phenyl]                                   | -             | -             | n             | - | - | - | - | - | - |
| 3543 | 57 | Cr-190  | bis(2-chloro-4-nitrophenyl)   | n             | n             | n             | - | - | - | - | - | - |
| 3544 | 57 | Cr-974  | bis[2-(2-[4-chlorophenoxy]ethoxy)ethyl]                                     | n             | n             | n             | - | - | - | - | - | - |
| 3545 | 57 | Cr-404  | bis[2-(4-chlorophenoxy)ethyl]   | n             | n             | n             | - | - | - | - | - | - |
| 3546 | 25 | 800,087 | bis(dimethylthiocarbamyl)   | 5             | 13            | n             | - | - | - | - | - | - |
| 3547 | 25 | 001,066 | bis(1-ethylpropyl)  | n             | -             | n             | - | - | - | - | - | - |
| 3548 | 57 | Cr-362  | bis(4-hydroxy-3-biphenyl)   | $\frac{1}{2}$ | $\frac{1}{2}$ | n             | - | - | - | - | - | - |
| 3549 | 57 | Cr-283  | bis(4-hydroxyphenyl)  | 3             | n             | $\frac{4}{2}$ | - | - | - | - | - | - |
| 3550 | 57 | Cr-304  | bis[2-hydroxy-5-(1',1',3',3'-tetramethylbutyl)phenyl]                       | -             | -             | n             | - | - | - | - | - | - |
| 3551 | 57 | Cr-287  | bis(p-4-nitrobenzyloxyphenyl)   | -             | -             | n             | - | - | - | - | - | - |
| 3552 | 57 | Cr-308  | bis[2-p-nitrobenzyloxy-5-(1',1',3',3'-tetramethylbutyl)phenyl]              | -             | -             | n             | - | - | - | - | - | - |
| 3553 | 39 | CS-930  | bis(2-nitro-1-phenethyl)  | 1             | 9             | 9             | - | - | - | - | - | - |
| 3554 | 57 | Cr-208  | bis(4-nitrophenyl)  | n             | n             | n             | - | - | - | - | - | - |
| 3555 | 57 | Cr-418  | bis(2-phenoxyethyl)   | n             | n             | n             | - | - | - | - | - | - |
| 3556 | 57 | SM-404  | bis(1,1,3,3-tetramethylbutylmercaptomethyl)                                 | -             | -             | n             | - | - | - | - | - | - |
| 3557 | 57 | Q-235   | 2-chlorocyclohexyl 2,4-dinitrophenyl  | 7             | $\frac{1}{2}$ | n             | - | - | - | - | - | - |
| 3558 | 57 | Cr-951  | 4-chlorophenyl phenyl   | n             | n             | n             | - | - | - | - | - | - |
| 3559 | 57 | Cr-298  | 2,4-dinitrophenyl ethyl   | n             | n             | n             | - | - | - | - | - | - |
| 3560 | 57 | Cr-112  | 2,4-dinitrophenyl n-propyl  | $\frac{1}{2}$ | $\frac{1}{2}$ | n             | - | - | - | - | - | - |
| 3561 | 57 | Cr-273  | Sulfone, bis(4-benzyloxyphenyl)   | -             | -             | n             | - | - | - | - | - | - |
| 3562 | 59 | CP-2367 | bis(4-chloro-2-hydroxyphenyl)   | 8             | n             | 8             | - | - | - | - | - | - |
| 3563 | 32 | VI      | bis(p-chlorophenyl)   | -             | -             | n             | - | - | - | - | - | - |
| 3564 | 58 | O-5958  | dioctyl (mixture of isomers)  | -             | -             | n             | - | - | - | - | - | - |
| 3565 | 57 | Cr-345  | Sulfoxide, bis(2-benzyloxy-5-chlorophenyl)                                  | -             | -             | n             | - | - | - | - | - | - |
| 3566 | 57 | Cr-265  | bis(4-benzyloxyphenyl)  | -             | -             | n             | - | - | - | - | - | - |
| 3567 | 25 | 400,625 | bis(4-chlorophenyl)   | -             | -             | n             | - | - | - | - | - | - |
| 3568 | 57 | Cr-264  | bis(4-hydroxyphenyl)  | -             | -             | n             | - | - | - | - | - | - |
| 3569 | 57 | Cr-321  | bis[4-(2-methylallyloxy)phenyl]   | $\frac{1}{2}$ | $\frac{1}{2}$ | n             | - | - | - | - | - | - |
| 3570 | 25 | 904,136 | 2-chloroethyl 2,4-dinitrophenyl   | 2             | 5             | 13            | - | - | - | - | - | - |
| 3571 | 57 | Cr-154  | Sulfoxylic acid; anilinomethyl ester  | -             | -             | n             | - | - | - | - | - | - |
| 3572 | 57 | Cr-153  | anilinomethyl ester, zinc salt  | -             | -             | n             | - | - | - | - | - | - |
| 3573 | 57 | Cr-151  | o-toluinomethyl ester   | -             | -             | n             | - | - | - | - | - | - |
| 3574 | 57 | Cr-149  | o-toluinomethyl ester, barium salt  | -             | -             | n             | - | - | - | - | - | - |
| 3575 | 57 | Cr-145  | o-toluinomethyl ester, calcium salt   | -             | -             | n             | - | - | - | - | - | - |

| Rept. No. | Subm. No. | Subm. Code No. | Name of Chemical   | Concentration in ppm |           |           |     |   |    |     |   |    |
|-----------|-----------|----------------|--|----------------------|-----------|-----------|-----|---|----|-----|---|----|
|           |           |                |  | 5.0                  |           |           | 1.0 |   |    | 0.1 |   |    |
|           |           |                |  | T                    | B         | SL        | T   | B | SL | T   | B | SL |
| 3576      | 25        | 900,197        | Sulfuric acid; mono 2-aminoethyl ester   | -                    | -         | n         | -   | - | -  | -   | - | -  |
| 3577      | 57        | FW-242         | Sulfurous acid; 5,5-dimethyl-2-hexenyl diester                                   | n                    | n         | n         | -   | - | -  | -   | - | -  |
| 3578      | 25        | 402,899        | ethylene ester (cyclic)  | n                    | n         | n         | -   | - | -  | -   | - | -  |
| 3579      | 25        | 100,862        | Tartar emetic  | -                    | -         | n         | -   | - | -  | -   | - | -  |
| 3580      | 15        |                | Tartaric acid; antimony, potassium salt  | -                    | -         | n         | -   | - | -  | -   | - | -  |
| 3581      | 25        | 105,979        | diethyl ether, diethyl ester   | -                    | -         | n         | -   | - | -  | -   | - | -  |
| 3582      | 25        | 105,304        | Tartaric anhydride; diacetate  | -                    | -         | n         | -   | - | -  | -   | - | -  |
| 3583      | 25        | 104,140        | Tartronic acid   | -                    | -         | n         | -   | - | -  | -   | - | -  |
| 3584      | 25        | 900,025        | Taurine  | -                    | -         | n         | -   | - | -  | -   | - | -  |
| 3585      | 46        | 103            | Terpin   | -                    | -         | n         | -   | - | -  | -   | - | -  |
| 3586      | 57        | Q-297          | 7-Tetradecyne, 2,2,4,11,13,13-hexamethyl-6,9-bis<br>[di( <u>n</u> -butylamino)]- | -                    | -         | n         | -   | - | -  | -   | - | -  |
| 3587      | 57        | Q-299          | 2,2,4,11,13,13-hexamethyl-6,9-bis(diethanolamino)-                               | -                    | -         | n         | -   | - | -  | -   | - | -  |
| 3588      | 57        | Q-251          | 2,2,4,11,13,13-hexamethyl-6,9-bis(dimethylamino)-                                | 5                    | 13        | n         | -   | - | -  | -   | - | -  |
| 3589      | 57        | Q-264          | 2,4-dichlorophenoxyacetic acid disalt  | -                    | -         | n         | -   | - | -  | -   | - | -  |
| 3590      | 57        | Q-262          | 2,4-dichlorophenoxyacetic acid mono salt   | n                    | n         | n         | -   | - | -  | -   | - | -  |
| 3591      | 57        | Q-270          | hydrochloride disalt   | 12                   | <u>12</u> | <u>16</u> | -   | - | -  | -   | - | -  |
| 3592      | 57        | Q-293          | hydrochloride mono salt  | 13                   | n         | n         | -   | - | -  | -   | - | -  |
| 3593      | 57        | Q-271          | laurylmonosulfate disalt   | n                    | n         | n         | -   | - | -  | -   | - | -  |
| 3594      | 57        | Q-263          | methanesulfonic acid disalt  | n                    | n         | n         | -   | - | -  | -   | - | -  |
| 3595      | 57        | Q-265          | methanesulfonic acid mono salt   | n                    | n         | n         | -   | - | -  | -   | - | -  |
| 3596      | 57        | Q-261          | monochloroacetic acid disalt   | n                    | n         | n         | -   | - | -  | -   | - | -  |
| 3597      | 57        | Q-260          | monochloroacetic acid mono salt  | n                    | n         | n         | -   | - | -  | -   | - | -  |
| 3598      | 57        | Q-267          | sulfuric acid salt   | 12                   | 12        | <u>4</u>  | -   | - | -  | -   | - | -  |
| 3599      | 57        | Q-266          | 2,4,5-trichlorophenoxyacetic acid disalt   | n                    | n         | n         | -   | - | -  | -   | - | -  |
| 3600      | 57        | Q-272          | 2,4,5-trichlorophenoxyacetic acid mono salt                                      | n                    | n         | n         | -   | - | -  | -   | - | -  |
| 3601      | 57        | Q-310          | 2,2,4,11,13,13-hexamethyl-6,9-bis[methyl(3',5',5'-<br>trimethylhexyl) amino]-    | -                    | -         | n         | -   | - | -  | -   | - | -  |
| 3602      | 57        | Q-277          | 2,2,4,11,13,13-hexamethyl-6-dimethylamino-9-<br>di- <u>n</u> -octylamino-        | 2                    | 14        | <u>3</u>  | -   | - | -  | -   | - | -  |

|      |    |          |   |          |           |           |   |   |   |   |   |   |
|------|----|----------|---|----------|-----------|-----------|---|---|---|---|---|---|
| 3603 | 57 | Q-301    | 7-Tetradecyne, 2,2,4,11,13,13-hexamethyl-6-dimethylamino-9-dinonyl (D-1) amino-                         | 3        | n         | n         | - | - | - | - | - | - |
| 3604 | 57 | Q-288    | 2,2,4,11,13,13-hexamethyl-6-dimethylamino-9-[methyl (β-dimethylaminoethyl) amino]-                      | 4        | 14        | 14        | - | - | - | - | - | - |
| 3605 | 57 | Q-278    | 2,2,4,11,13,13-hexamethyl-6-dimethylamino-9-N-methylethanolamino-                                       | n        | n         | n         | - | - | - | - | - | - |
| 3606 | 57 | Q-274    | 2,2,4,11,13,13-hexamethyl-6-dimethylamino-9-morpholino-   | <u>5</u> | n         | n         | - | - | - | - | - | - |
| 3607 | 57 | Q-304    | 2,2,4,11,13,13-hexamethyl-6,9-dimorpholino-   | -        | -         | n         | - | - | - | - | - | - |
| 3608 | 57 | Q-309    | 2,2,4,11,13,13-hexamethyl-6,9-[methyl (β-dimethylaminoethyl)]-  | 1        | 2         | 12        | - | - | - | - | - | - |
| 3609 | 57 | Q-311    | 2,2,4,11,13,13-hexamethyl-6-methyl(3',5',5'-trimethylhexyl) amino-9-di-(3',5',5'-trimethylhexyl) amino- | n        | n         | n         | - | - | - | - | - | - |
| 3610 | 57 | Q-279    | 2,2,4-trimethyl-10-camphenyl-6,9-bis(dimethyl amino)-   | n        | n         | n         | - | - | - | - | - | - |
| 3611 | 25 | 102,418  | Tetraethylene glycol  | -        | -         | n         | - | - | - | - | - | - |
| 3612 | 23 | G. P. 42 |   |          |           |           |   |   |   |   |   |   |
|      |    | 73       | Tetramethylene-sulfo-tetramine  | -        | -         | <u>4</u>  | - | - | - | - | - | - |
| 3613 | 57 | SM-377   | Tetrasulfide, bis(t-dodecyl)  | -        | -         | n         | - | - | - | - | - | - |
| 3614 | 57 | SM-413   | bis(dodecylmethylbenzyl)  | -        | -         | n         | - | - | - | - | - | - |
| 3615 | 57 | SM-372   | ditolyl   | -        | -         | n         | - | - | - | - | - | - |
| 3616 | 46 | 288      | Tetrazolium compounds; 2,3,5-triphenyl—chloride   | -        | -         | n         | - | - | - | - | - | - |
| 3617 | 57 | Lo-584   | 1,2,5-Thiadiazine, 6,6-dichloro-3,4-dihydro-2,5-dinonyl-  | n        | n         | n         | - | - | - | - | - | - |
| 3618 | 57 | Cr-1112  | 1,2,4-Thiadiazole, 3,5-dibenzylthio-  | 14       | <u>14</u> | n         | - | - | - | - | - | - |
| 3619 | 57 | Cr-1271  | 3,5-dithiol-; copper salt   | n        | n         | n         | - | - | - | - | - | - |
| 3620 | 25 | 001,137  | Thianaphthene, 3(?) -chloro-  | 13       | -         | <u>13</u> | - | - | - | - | - | - |
| 3621 | 25 | 001,136  | 2,3(?) -dichloro-   | 4        | 13        | n         | - | - | - | - | - | - |
| 3622 | 25 | 904,703  | 3-nitro-  | 7        | 2         | <u>5</u>  | - | - | - | - | - | - |
| 3623 | 25 | 800,003  | Thiazole, 2-amino-  | -        | -         | n         | - | - | - | - | - | - |
| 3624 | 49 |          | 2-mercaptobenzo-  | 2        | 5         | n         | - | - | - | - | - | - |
| 3625 | 25 | 906,381  | 2-Thiazolecarbamic acid; ethyl ester  | -        | -         | n         | - | - | - | - | - | - |
| 3626 | 25 | 906,384  | 4,5-bis(chloromercuri)-; benzyl ester   | -        | -         | n         | - | - | - | - | - | - |
| 3627 | 25 | 904,713  | 4-Thiazolecarboxylic acid; 2-aminoethyl ester   | -        | -         | n         | - | - | - | - | - | - |
| 3628 | 25 | 803,820  | 2-Thiazolethiol, 5-amino-4-phenyl-  | -        | -         | n         | - | - | - | - | - | - |
| 3629 | 57 | Lo-582   | 2,4-Thiazolidinedione; t-octylamine salt  | -        | -         | n         | - | - | - | - | - | - |
| 3630 |    |          | 2-Thiazoline, 2-(dodecylmercapto)-  | -        | -         | n         | - | - | - | - | - | - |
| 3631 | 25 | 000,864  | 2-Thiiranemethanethiol, polymer   | -        | -         | n         | - | - | - | - | - | - |
| 3632 | 57 | Cr-451   | Thiocyanic acid; 4-acetamido-3-nitrophenyl ester  | 1        | 1         | 14        | 2 | 5 | n | n | n | n |



| Rept. No. | Subm. No. | Subm. Code No. | Name of Chemical   | Concentration in ppm |               |           |     |   |    |     |   |    |
|-----------|-----------|----------------|--|----------------------|---------------|-----------|-----|---|----|-----|---|----|
|           |           |                |  | 5.0                  |               |           | 1.0 |   |    | 0.1 |   |    |
|           |           |                |  | T                    | B             | SL        | T   | B | SL | T   | B | SL |
| 3633      | 57        | Cr-419         | Thiocyanic acid; 4-acetamido-3-(2-phenoxyethoxy) phenyl ester                                | $\frac{1}{2}$        | 2             | 9         | n   | n | n  | n   | n | n  |
| 3634      | 57        | Cr-901         | 2- <u>p</u> -acetamidophenoxyethyl ester   | n                    | n             | n         | -   | - | -  | -   | - | -  |
| 3635      | 57        | Cr-1247        | 1-acetoxy-2-indanyl ester  | n                    | n             | n         | -   | - | -  | -   | - | -  |
| 3636      | 57        | Cr-1242        | 2-amino-5-biphenyl ester   | 3                    | 4             | 12        | -   | - | -  | -   | - | -  |
| 3637      | 57        | Cr-888         | 4-amino-3-hydroxyphenyl ester, <u>p</u> -toluenesulfonate                                    | 1                    | 7             | n         | -   | - | -  | -   | - | -  |
| 3638      | 57        | Cr-443         | 4-amino-3-nitrophenyl ester  | $\frac{1}{2}$        | $\frac{1}{2}$ | 14        | -   | - | -  | -   | - | -  |
| 3639      | 57        | Cr-417         | 4-amino-3-(2-phenoxyethoxy)phenyl ester  | 3                    | 4             | 14        | n   | n | n  | n   | n | n  |
| 3640      | 57        | H-144          | 4-aminophenyl ester  | $\frac{1}{2}$        | $\frac{1}{2}$ | 12        | 5   | 5 | n  | n   | n | n  |
| 3641      | 57        | Cr-439         | benzoin ester  | n                    | n             | n         | -   | - | -  | -   | - | -  |
| 3642      | 57        | Cr-486         | <u>p</u> -benzoylbenzyl ester  | 2                    | 2             | 14        | n   | n | n  | n   | n | n  |
| 3643      | 57        | Cr-466         | 5-benzoyl-2-benzylaminophenyl ester  | n                    | n             | n         | -   | - | -  | -   | - | -  |
| 3644      | 57        | H-125          | benzyl ester   | 3                    | 3             | <u>1</u>  | -   | - | -  | -   | - | -  |
| 3645      | 57        | Cr-434         | 4-benzylideneamino-3-methylphenyl ester  | 1                    | 5             | n         | -   | - | -  | -   | - | -  |
| 3646      | 57        | Cr-535         | 2-benzyloxy-5- <u>tert</u> -butylbenzyl ester  | n                    | n             | n         | -   | - | -  | -   | - | -  |
| 3647      | 57        | Cr-555         | 2-benzyloxy-5- <u>tert</u> -butyl-3-nitrobenzyl ester  | 9                    | <u>1</u>      | <u>1</u>  | -   | - | -  | -   | - | -  |
| 3648      | 57        | Cr-997         | 2-(2-benzyloxyethoxy) ethyl ester  | 16                   | 12            | n         | -   | - | -  | -   | - | -  |
| 3649      | 57        | Cr-453         | 4-biphenyl ester   | 1                    | 1             | 14        | 3   | 5 | n  | n   | n | n  |
| 3650      | 57        | Cr-883         | 2-(2-biphenylloxy) ethyl ester   | 4                    | 4             | n         | n   | n | n  | n   | n | n  |
| 3651      | 57        | Cr-1145        | 2-[2-( <u>o</u> -bromo- <u>p</u> - <u>tert</u> -butylphenoxy) ethoxy] ethyl ester            | 12                   | 12            | <u>21</u> | -   | - | -  | -   | - | -  |
| 3652      | 57        | Cr-948         | 5-bromo-2-dimethylaminophenyl ester  | 1                    | 2             | 12        | -   | - | -  | -   | - | -  |
| 3653      | 57        | Cr-772         | 4-( <u>p</u> -bromophenoxy) benzyl ester   | 14                   | 14            | 14        | -   | - | -  | -   | - | -  |
| 3654      | 57        | Cr-1062        | 4-[2-(2-butoxyethoxy) ethylamino] phenyl ester   | 3                    | 3             | n         | -   | - | -  | -   | - | -  |
| 3655      | 57        | Cr-655         | 2-[2-(2-[ <u>p</u> - <u>tert</u> -butyl- <u>o</u> -nitrophenoxy] ethoxy) ethoxy] ethyl ester | 12                   | 12            | n         | -   | - | -  | -   | - | -  |
| 3656      | 57        | Cr-638         | 2-[2-( <u>p</u> - <u>tert</u> -butyl- <u>o</u> -nitrophenoxy) ethoxy] ethyl ester            | 4                    | 13            | n         | -   | - | -  | -   | - | -  |
| 3657      | 57        | Cr-660         | 2-(2- <u>p</u> - <u>tert</u> -butyl- <u>o</u> -nitrophenoxy) ethyl ester                     | 2                    | 3             | <u>7</u>  | -   | - | -  | -   | - | -  |
| 3658      | 57        | Cr-1567        | x-chloro-x, x-diisopropylphenyl ester  | n                    | n             | n         | -   | - | -  | -   | - | -  |
| 3659      | 57        | Cr-460         | x-chloro-x-dimethylaminophenyl ester, <u>p</u> -toluenesulfonate                             | n                    | n             | n         | -   | - | -  | -   | - | -  |
| 3660      | 57        | Cr-528         | 3-chloro-4-dimethylaminophenyl ester, 3- <u>tert</u> -butyl-6-hydroxybenzenesulfonate        | $\frac{1}{2}$        | $\frac{1}{2}$ | n         | 11  | n | n  | n   | n | n  |
| 3661      | 57        | Cr-607         | 2-[2-(2-chloroethoxy) ethoxy] ethyl ester  | n                    | 13            | n         | -   | - | -  | -   | - | -  |

|      |    |          |  |               |               |           |               |    |               |   |           |   |
|------|----|----------|--|---------------|---------------|-----------|---------------|----|---------------|---|-----------|---|
| 3662 | 57 | Cr-483   | Thiocyanic acid; 4-chloro-6-methoxy-1,3-xylene diester             | <u>13</u>     | <u>8</u>      | n         | -             | -  | -             | - | -         | - |
| 3663 | 58 | O-2124-a | 3-(2-cyclohexylphenoxy) propyl ester                               | 12            | 12            | n         | -             | -  | -             | - | -         | - |
| 3664 | 57 | He-469   | p-dibenzylaminophenyl ester  | n             | n             | n         | -             | -  | -             | - | -         | - |
| 3665 | 57 | Cr-452   | 3,5-dichloro-4-dimethylaminophenyl ester                           | 1             | 1             | n         | 4             | 14 | n             | n | n         | n |
| 3666 | 57 | Cr-833   | 2-[2-(4-[1,1-dimethylpropyl]-2-nitrophenoxy)ethoxy]ethyl ester     | 8             | 12            | n         | -             | -  | -             | - | -         | - |
| 3667 | 57 | Cr-832   | 2-[4-(1,1-dimethylpropyl)-2-nitrophenoxy]ethyl ester               | 4             | 4             | n         | n             | 12 | n             | n | n         | n |
| 3668 | 57 | Cr-522   | 2-[4-(1,1-dimethylpropyl)phenoxy]ethyl ester                       | 2             | 7             | 13        | n             | 13 | n             | n | n         | n |
| 3669 | 57 | H-135    | 2,4-dinitrophenyl ester  | $\frac{1}{2}$ | 1             | 3         | 2             | 4  | 3             | n | n         | n |
| 3670 | 57 | Cr-493   | p-dodecylaminophenyl ester   | n             | n             | n         | -             | -  | -             | - | -         | - |
| 3671 | 57 | Cr-560   | 2-ethoxyethyl ester  | 14            | 14            | n         | -             | -  | -             | - | -         | - |
| 3672 | 57 | H-141    | ethylene glycol diester  | 4             | 14            | <u>3</u>  | -             | -  | -             | - | -         | - |
| 3673 | 57 | Cr-433   | 4-(2-hydroxyethylamino)phenyl ester                                | 1             | 13            | n         | 13            | n  | n             | n | n         | n |
| 3674 | 57 | Cr-531   | p-N-(2-hydroxyethyl)ethylaminophenyl ester                         | 2             | 2             | 13        | 12            | n  | n             | n | n         | n |
| 3675 | 57 | Cr-226   | 1-(2-hydroxy)naphthyl ester  | 13            | 4             | <u>13</u> | -             | -  | -             | - | -         | - |
| 3676 | 57 | H-146    | 1-(4-hydroxy)naphthyl ester  | 1             | 1             | 13        | -             | -  | -             | - | -         | - |
| 3677 | 57 | Cr-1636  | 2-[2-(1-hydroxy-2,2,3-trichlorobutoxy)ethoxy], acetylation product | n             | n             | n         | -             | -  | -             | - | -         | - |
| 3678 | 25 | 802,997  | p,p'-iminodiphenyl diester   | $\frac{1}{2}$ | 14            | 14        | -             | -  | -             | - | -         | - |
| 3679 | 57 | Cr-465   | p-methoxybenzyl ester  | 11            | n             | n         | -             | -  | -             | - | -         | - |
| 3680 | 57 | Cr-562   | 2-methoxyethyl ester   | 14            | 14            | n         | -             | -  | -             | - | -         | - |
| 3681 | 57 | H-126    | methyl ester   | n             | n             | n         | -             | -  | -             | - | -         | - |
| 3682 | 57 | Cr-724   | 4-(2-methylallylamino)phenyl ester                                 | 3             | 3             | <u>13</u> | -             | -  | -             | - | -         | - |
| 3683 | 57 | Cr-741   | 6-(2-methylallylamino)-m-tolyl ester                               | 4             | 9             | 14        | -             | -  | -             | - | -         | - |
| 3684 | 57 | Cr-897   | 2-(o-2-methylallylphenoxy)ethyl ester                              | 2             | 12            | <u>12</u> | -             | -  | -             | - | -         | - |
| 3685 | 57 | Cr-647   | 2-[2-(o-1-methylheptyl-p-nitrophenoxy)ethoxy]ethyl ester           | n             | n             | n         | -             | -  | -             | - | -         | - |
| 3686 | 57 | Cr-635   | 2-[2-(2-[o-(1-methylheptyl)phenoxy]ethoxy)ethoxy]ethyl ester       | 13            | <u>13</u>     | n         | -             | -  | -             | - | -         | - |
| 3687 | 57 | Cr-636   | 2-(o-1-methylheptyl)phenoxyethyl ester                             | n             | n             | n         | -             | -  | -             | - | -         | - |
| 3688 | 57 | Cr-322   | 4-nitrobenzyl ester  | 7             | 4             | <u>4</u>  | -             | -  | -             | - | -         | - |
| 3689 | 57 | Cr-637   | 2-[2-(2-p-nitrophenoxyethoxy)ethoxy]ethyl ester                    | $\frac{1}{2}$ | 14            | <u>3</u>  | -             | -  | -             | - | -         | - |
| 3690 | 57 | Cr-435   | 2-(p-nitrophenoxy)ethyl ester                                      | 1             | 1             | n         | 7             | 7  | n             | n | <u>21</u> | n |
| 3691 | 57 | Cr-445   | p-nitrophenyl ester  | $\frac{1}{2}$ | $\frac{1}{2}$ | 4         | $\frac{1}{2}$ | 1  | $\frac{1}{2}$ | n | n         | n |
| 3692 | 57 | Cr-1278  | 2-(nordicyclopentenyl)ethyl ester                                  | 5             | $\frac{1}{2}$ | 13        | n             | 13 | n             | n | n         | n |
| 3693 | 57 | Cr-634   | 2-[2-(2-phenoxyethoxy)ethoxy]ethyl ester                           | 13            | 13            | n         | -             | -  | -             | - | -         | - |
| 3694 | 57 | Cr-798   | p-phenoxyphenyl ester  | $\frac{1}{2}$ | $\frac{1}{2}$ | 12        | n             | n  | n             | n | n         | n |
| 3695 | 57 | H-137    | phenyl ester   | 2             | 2             | 14        | -             | -  | -             | - | -         | - |

| Rept. No. | Subm. No. | Subm. Code No. | Name of Chemical  | Concentration in ppm |    |          |          |          |    |     |   |    |
|-----------|-----------|----------------|---|----------------------|----|----------|----------|----------|----|-----|---|----|
|           |           |                |   | 5.0                  |    |          | 1.0      |          |    | 0.1 |   |    |
|           |           |                |   | T                    | B  | SL       | T        | B        | SL | T   | B | SL |
| 3696      | 57        | Cr-665         | Thiocyanic acid; 2-[2-(p-1,1,3,3-tetramethylbutyl-o-nitrophenoxy)ethoxy]ethyl ester | 13                   | 13 | n        | -        | -        | -  | -   | - | -  |
| 3697      | 57        | Cr-532         | 2-(x-tolyloxy)ethyl ester   | 1                    | 1  | 12       | 6        | 12       | n  | n   | n | n  |
| 3698      | 25        | 803,000        | trichloromethyl ester   | $\frac{1}{4}$        | n  | 11       | -        | -        | -  | -   | - | -  |
| 3699      | 57        | Cr-1025        | triphenylmethyl ester   | n                    | n  | n        | -        | -        | -  | -   | - | -  |
| 3700      | 57        | Cr-39          | Thiocyanogen, poly-   | -                    | -  | n        | -        | -        | -  | -   | - | -  |
| 3701      | 17        |                | Thiolutin   | 8                    | 12 | 9        | -        | -        | -  | -   | - | -  |
| 3702      | 49        |                | Thiophene, dihydro-; 1,1-dioxide  | -                    | -  | n        | -        | -        | -  | -   | - | -  |
| 3703      | 35        |                | 2,5-dihydro-2,4-dimethyl-; 1,1-dioxide  | -                    | -  | n        | -        | -        | -  | -   | - | -  |
| 3704      | 25        | 904,702        | 2,4-dinitro-  | 2                    | 2  | 13       | -        | -        | -  | -   | - | -  |
| 3705      | 25        | 400,052        | 2-Thiophenecarboxylic acid  | -                    | -  | n        | -        | -        | -  | -   | - | -  |
| 3706      | 25        | 800,021        | Thiosinamine  | -                    | -  | n        | -        | -        | -  | -   | - | -  |
| 3707      | 57        | Lo-665         | Thiosulfuric acid; p-chlorobenzyl ester, sodium salt                                | -                    | -  | n        | -        | -        | -  | -   | - | -  |
| 3708      | 56        | NP-1352        | Thiuronium compounds;   |                      |    |          |          |          |    |     |   |    |
|           |           |                | 4-chlorobenzyltetramethyl—chloride  | n                    | n  | n        | -        | -        | -  | -   | - | -  |
| 3709      | 57        | Lo-440         | S-decyl-N,N'-ethylene—bromide   | 1                    | 2  | 10       | -        | -        | -  | -   | - | -  |
| 3710      | 57        | Lo-231         | S-(2,4-dichlorobenzyl)—chloride   | 14                   | n  | n        | -        | -        | -  | -   | - | -  |
| 3711      | 57        | Lo-252         | S-(3,4-dichlorobenzyl)—isoheptenoate  | 9                    | n  | n        | -        | -        | -  | -   | - | -  |
| 3712      | 57        | Lo-237         | S-(3,4-dichlorobenzyl)—thiocyanate  | 9                    | n  | n        | -        | -        | -  | -   | - | -  |
| 3713      | 57        | Lo-425         | S-dodecyl-N,N'-dimethyl—salt with salicylic acid                                    | 2                    | 2  | 3        | <u>1</u> | <u>1</u> | 15 | n   | n | n  |
| 3714      | 57        | Lo-437         | S-tetradecyl—bromide  | 3                    | n  | 14       | -        | -        | -  | -   | - | -  |
| 3715      | 57        | Lo-443         | S-tetradecyl-N,N'-dimethyl—bromide  | 2                    | 4  | 14       | -        | -        | -  | -   | - | -  |
| 3716      | 57        | Lo-439         | S-tetradecyl-N,N'-ethylene—bromide  | n                    | n  | n        | -        | -        | -  | -   | - | -  |
| 3717      | 57        | Lo-489         | S-1,1,3,3-tetramethylbutyl-cresoxyethoxyethyl-N,N'-dimethyl—chloride                | 2                    | 5  | 14       | -        | -        | -  | -   | - | -  |
| 3718      | 46        | 296            | Thymol, p-chloro-   | 2                    | 2  | <u>2</u> | -        | -        | -  | -   | - | -  |
| 3719      | 12        |                | Toloxyn mephenesin, N. N. R.  | -                    | -  | n        | -        | -        | -  | -   | - | -  |
| 3720      | 25        | 100,240        | m-Tolualdehyde  | n                    | n  | n        | -        | -        | -  | -   | - | -  |
| 3721      | 46        | 213            | Toluene, 2-amino-5-hydroxy-; hydrochloride  | 14                   | 14 | 14       | -        | -        | -  | -   | - | -  |
| 3722      | 57        | He-473         | a-benzyloxy-x-(2-benzyloxyethoxy)-  | n                    | n  | n        | -        | -        | -  | -   | - | -  |
| 3723      | 57        | Cr-788         | a-(2-biphenyloxy)-p-phenoxy-  | n                    | n  | n        | -        | -        | -  | -   | - | -  |
| 3724      | 57        | Cr-192         | a-bromo-p-nitro-  | 4                    | 4  | 13       | -        | -        | -  | -   | - | -  |
| 3725      | 57        | Cr-793         | p-(p-bromophenoxy)-a-p-tert-butylphenoxy-   | n                    | n  | n        | -        | -        | -  | -   | - | -  |
| 3726      | 57        | Cr-794         | p-(p-bromophenoxy)-a-o-chlorophenoxy-   | n                    | n  | n        | -        | -        | -  | -   | - | -  |

|      |    |         |  |               |               |           |   |   |   |   |   |   |
|------|----|---------|--|---------------|---------------|-----------|---|---|---|---|---|---|
| 3727 | 57 | Cr-784  | Toluene, <i>a</i> -( <i>p</i> - <u>tert</u> -butylphenoxy)- <i>p</i> -phenoxy- | n             | n             | n         | - | - | - | - | - | - |
| 3728 | 25 | 000,087 | <u>o</u> -chloro-  | n             | -             | n         | - | - | - | - | - | - |
| 3729 | 63 | O-3726  | <u>a</u> -chloro- <i>x</i> -decyl-   | 11            | <u>11</u>     | n         | - | - | - | - | - | - |
| 3730 | 63 | O-1838  | <i>a</i> -chloro- <i>x</i> -dodecyl-   | n             | n             | n         | - | - | - | - | - | - |
| 3731 | 57 | Cr-233  | <i>a</i> -chloro-3-nitro-4-methoxy-  | 13            | $\frac{1}{4}$ | n         | - | - | - | - | - | - |
| 3732 | 63 | O-1808  | <i>a</i> -chloro- <i>x</i> -octyl-   | n             | n             | n         | - | - | - | - | - | - |
| 3733 | 57 | Cr-789  | <i>a</i> -( <u>o</u> -chlorophenoxy)- <i>p</i> -phenoxy-                       | n             | n             | n         | - | - | - | - | - | - |
| 3734 | 57 | Cr-786  | <i>a</i> -( <u>p</u> -chlorophenoxy)- <i>p</i> -phenoxy-                       | n             | n             | n         | - | - | - | - | - | - |
| 3735 | 63 | O-3710  | <i>a</i> -chloro- <i>x</i> -tetra-isopropyl-                                   | n             | <u>16</u>     | n         | - | - | - | - | - | - |
| 3736 | 63 | O-3704  | <i>a</i> -chloro- <i>x</i> -tri-isopropyl-                                     | 13            | <u>13</u>     | 9         | - | - | - | - | - | - |
| 3737 | 57 | SM-424  | 2-crotonyl-4-dodecyl-  | n             | n             | n         | - | - | - | - | - | - |
| 3738 | 49 |         | 2,4-diamino-6-nitro-   | n             | n             | n         | - | - | - | - | - | - |
| 3739 | 7  |         | <i>x</i> , <i>x</i> -dichloro-   | -             | -             | n         | - | - | - | - | - | - |
| 3740 | 46 | 108     | <i>a</i> ,4-dichloro-  | 6             | 10            | n         | - | - | - | - | - | - |
| 3741 | 49 |         | 2,6-dinitro-4-amino-   | $\frac{1}{2}$ | <u>2</u>      | n         | - | - | - | - | - | - |
| 3742 | 57 | Cr-787  | <i>p</i> -phenoxy- <i>a</i> - <i>p</i> -1,1,3,3-tetramethylbutylphenoxy-       | n             | n             | n         | - | - | - | - | - | - |
| 3743 | 25 | 800,031 | Toluene-2,4-diamine  | n             | n             | n         | - | - | - | - | - | - |
| 3744 | 63 | O-3707  | <i>x</i> -Toluenesulfonamide, <u>N</u> , <u>N</u> -dicyanoethyl-               | n             | n             | n         | - | - | - | - | - | - |
| 3745 | 49 |         | <u>o</u> -Toluenesulfonamide   | n             | n             | n         | - | - | - | - | - | - |
| 3746 | 25 | 900,107 |  |               |               |           |   |   |   |   |   |   |
|      |    | -10     | <i>p</i> -Toluenesulfonamide, <i>a</i> -amino-; hydrochloride                  | n             | n             | n         | - | - | - | - | - | - |
| 3747 | 57 | Cr-135  | <u>N</u> -2-chloroethyl-   | n             | n             | n         | - | - | - | - | - | - |
| 3748 | 25 | 905,126 | <u>N</u> , <u>N'</u> - <i>p</i> -phenylenebis-                                 | -             | -             | n         | - | - | - | - | - | - |
| 3749 | 57 | Q-258   | <u>N</u> , <u>N'</u> - <i>p</i> -quinonedi-                                    | n             | n             | n         | - | - | - | - | - | - |
| 3750 | 57 | Lo-692  | <i>a</i> -Toluenesulfonamide, <i>p</i> -chloro- <u>N</u> -(7-methyloctyl)-     | n             | n             | n         | - | - | - | - | - | - |
| 3751 | 57 | Cr-889  | <i>p</i> -Toluenesulfonanilide   | 13            | -             | n         | - | - | - | - | - | - |
| 3752 | 25 | 905,122 | <u>N</u> -allyl-   | 3             | 14            | n         | - | - | - | - | - | - |
| 3753 | 57 | Cr-733  | 4'-benzyloxy-  | n             | n             | n         | - | - | - | - | - | - |
| 3754 |    |         | <u>N</u> -(ethylmercuri)-  | 2             | 2             | 13        | - | - | - | - | - | - |
| 3755 | 63 | O-2757  | <i>x</i> -Toluenesulfonic acid; octyl ester                                    | n             | n             | n         | - | - | - | - | - | - |
| 3756 | 63 | O-2884  | sodium salt  | n             | n             | n         | - | - | - | - | - | - |
| 3757 | 49 |         | <u>o</u> -Toluenesulfonic acid, amino-   | n             | n             | <u>12</u> | - | - | - | - | - | - |
| 3758 | 25 | Y01,515 | <i>p</i> -Toluenesulfonic acid;  |               |               |           |   |   |   |   |   |   |
|      |    |         | alkyltrimethylammonium salt (alkyl = C <sub>18</sub> H <sub>37</sub> )         | 2             | 10            | 10        | - | - | - | - | - | - |
| 3759 | 46 | 37      | <i>p</i> -chlorobenzyl ester   | n             | n             | n         | - | - | - | - | - | - |
| 3760 | 57 | Q-213   | dinitrocaprylphenyl ester  | 7             | <u>11</u>     | 11        | - | - | - | - | - | - |
| 3761 | 25 | 400,691 | ethylene glycol diester  | -             | -             | n         | - | - | - | - | - | - |
| 3762 | 25 | 400,696 | hexadecyl ester  | -             | -             | n         | - | - | - | - | - | - |

| Rept. No. | Subm. No. | Subm. Code No. | Name of Chemical   | Concentration in ppm |               |               |     |   |    |     |   |    |
|-----------|-----------|----------------|--|----------------------|---------------|---------------|-----|---|----|-----|---|----|
|           |           |                |  | 5.0                  |               |               | 1.0 |   |    | 0.1 |   |    |
|           |           |                |  | T                    | B             | SL            | T   | B | SL | T   | B | SL |
| 3763      | 25        | 401,334        | <i>p</i> -Toluenesulfonic acid; hexyl ester  | 12                   | 12            | 12            | -   | - | -  | -   | - | -  |
| 3764      | 63        | C-2848-P       | <i>n</i> -hexyl ester  | n                    | $\frac{1}{2}$ | n             | -   | - | -  | -   | - | -  |
| 3765      | 57        | Cr-271         | <i>p</i> -nitrophenyl ester  | -                    | n             | n             | -   | - | -  | -   | - | -  |
| 3766      | 25        | 400,698        | octadecyl ester  | -                    | -             | n             | -   | - | -  | -   | - | -  |
| 3767      | 57        | Cr-261         | sodium salt  | n                    | n             | n             | -   | - | -  | -   | - | -  |
| 3768      | 63        | O-3182         | 3-chloro-; sodium salt   | n                    | n             | n             | -   | - | -  | -   | - | -  |
| 3769      | 25        | 404,041        | <i>a</i> -Toluenesulfonic acid, thiol-; benzyl ester   | 5                    | 1             | 9             | -   | - | -  | -   | - | -  |
| 3770      | 25        | 800,128        |  |                      |               |               |     |   |    |     |   |    |
|           |           | -10            |  |                      |               |               |     |   |    |     |   |    |
|           | 49        |                | Toluene-2,4,6-triamine; trihydrochloride   | n                    | n             | n             | -   | - | -  | -   | - | -  |
| 3771      | 49        |                | <i>p</i> -Toluic acid, 3,5-dinitro-  | n                    | n             | n             | -   | - | -  | -   | - | -  |
| 3772      | 25        | 402,126        | <i>a, a, a</i> -trichloro-; 2-chloroethyl ester  | -                    | -             | n             | -   | - | -  | -   | - | -  |
| 3773      | 49        |                | <i>x</i> -Toluidine; triacetyl   | n                    | n             | n             | -   | - | -  | -   | - | -  |
| 3774      | 25        | 800,698        |  |                      |               |               |     |   |    |     |   |    |
|           |           | -A1            | <i>o</i> -Toluidine; complex with $\frac{1}{2}$ f. wt. fluosilicic acid                              | n                    | n             | n             | -   | - | -  | -   | - | -  |
| 3775      | 57        | Cr-320         | <i>N</i> -benzyl-  | $\frac{2}{2}$        | $\frac{2}{2}$ | $\frac{6}{6}$ | -   | - | -  | -   | - | -  |
| 3776      | 57        | Cr-323         | hydrochloride  | 3                    | 13            | n             | -   | - | -  | -   | - | -  |
| 3777      | 57        | Cr-737         | <i>N</i> -2-methylallyl-   | 9                    | n             | n             | -   | - | -  | -   | - | -  |
| 3778      | 49        |                | 5-nitro-   | n                    | n             | n             | -   | - | -  | -   | - | -  |
| 3779      | 25        | 800,127        | <i>p</i> -Toluidine  | n                    | n             | n             | -   | - | -  | -   | - | -  |
| 3780      | 57        | Cr-1141        | <i>a</i> -toluenesulfonate   | n                    | n             | n             | -   | - | -  | -   | - | -  |
| 3781      | 57        | Cr-764         | <i>a</i> -( <i>p</i> - <i>tert</i> -butyl)phenoxy-   | n                    | n             | n             | -   | - | -  | -   | - | -  |
| 3782      | 57        | SM-176         | <i>N, N</i> -dibenzyl-   | -                    | -             | n             | -   | - | -  | -   | - | -  |
| 3783      | 57        | Cr-731         | <i>N</i> -2-methylallyl-   | n                    | n             | n             | -   | - | -  | -   | - | -  |
| 3784      | 25        | 501,729        | 2-nitro-   | n                    | n             | n             | -   | - | -  | -   | - | -  |
| 3785      | 57        | Cr-1136        | <i>a, a'</i> -sulfonylbis [ <i>N, N</i> -dimethyl-   | n                    | n             | n             | -   | - | -  | -   | - | -  |
| 3786      | 57        | Cr-1140        | <i>a, a'</i> -sulfonylbis [ <i>N, N</i> -dimethyl-2-thiocyano-                                       | n                    | n             | n             | -   | - | -  | -   | - | -  |
| 3787      | 58        | O-9735-e       | Toxaphene  | 3                    | 13            | 13            | -   | - | -  | -   | - | -  |
| 3788      | 42        |                | Toxaphene (25% active)   | 3                    | 13            | 13            | -   | - | -  | -   | - | -  |
| 3789      | 21        |                | Toxaphene; 4# (4 lbs. per gal., emul. conc.)   | 4                    | 4             | 12            | -   | - | -  | -   | - | -  |
| 3790      | 21        |                | 6# (6 lbs. per gal., emul. conc.)  | 2                    | 6             | 14            | -   | - | -  | -   | - | -  |
| 3791      | 21        |                | 8# (8 lbs. per gal., emul. conc.)  | 3                    | 3             | 14            | -   | - | -  | -   | - | -  |
| 3792      | 33        |                | Chipman 6# Livestock Spray (6 lbs. tech. Toxaphene per gal. in mixed petrol. solv. with emuls. agt.) | 2                    | 9             | 10            | -   | - | -  | -   | - | -  |

|      |    |                 |  |               |           |           |   |   |   |   |   |   |
|------|----|-----------------|--|---------------|-----------|-----------|---|---|---|---|---|---|
| 3793 | 33 |                 | Toxaphene; Chipman, 20% dust   | 5             | 10        | <u>10</u> | - | - | - | - | - | - |
| 3794 | 33 |                 | Chipman, 40% spray powder  | 2             | 10        | <u>10</u> | - | - | - | - | - | - |
| 3795 | 33 |                 | liquid (10 lbs. tech. Toxaphene per gal.<br>in xylene with emuls. agt.)                                | 2             | 3         | <u>9</u>  | - | - | - | - | - | - |
| 3796 | 25 | 800, 266        | Triazine, 1, 3-diphenyl-   | $\frac{1}{2}$ | 10        | <u>2</u>  | - | - | - | - | - | - |
| 3797 | 25 | 507, 211        | 1- <u>p</u> -nitrophenyl-3-phenyl-   | n             | n         | n         | - | - | - | - | - | - |
| 3798 | 64 | 198             | <u>s</u> -Triazine, 2, 4-diamino-aceto-  | n             | n         | n         | - | - | - | - | - | - |
| 3799 | 64 | 199             | 2, 4-diamino-6-phenyl-   | -             | -         | n         | - | - | - | - | - | - |
| 3800 | 57 | Cr-128          | <u>s</u> -Triazine-2-thione, 4, 6-di- <u>n</u> -propyl-hexahydro-                                      | n             | n         | n         | - | - | - | - | - | - |
| 3801 | 57 | Cr-137          | 4, 6-di( <u>n</u> -propyl)-hexahydro-3-phenyl- <u>N</u> -thiocarbamyl-                                 | <u>13</u>     | n         | n         | - | - | - | - | - | - |
| 3802 |    |                 | Tricyclo[3. 3. 1. 1 <sup>3, 7</sup> ]decane, 2, 6-dithia-1, 3, 5, 7-<br>tetraaza-2, 2, 6, 6-tetroxide- | 3             | 5         | n         | - | - | - | - | - | - |
| 3803 | 57 | Cr-604          | Tridecanamide  | n             | n         | n         | - | - | - | - | - | - |
| 3804 | 57 | Cr-675          | Tridecananilide  | n             | -         | n         | - | - | - | - | - | - |
| 3805 | 57 | Cr-694          | <u>o</u> -nitro-   | n             | -         | n         | - | - | - | - | - | - |
| 3806 | 57 | Cr-676          | <u>p</u> -chloro-  | n             | n         | n         | - | - | - | - | - | - |
| 3807 | 25 | 800, 069        | Tridecanenitrile   | <u>12</u>     | <u>12</u> | <u>21</u> | - | - | - | - | - | - |
| 3808 | 57 | Cr-1045         | Tridecanoic acid;  |               |           |           |   |   |   |   |   |   |
|      |    |                 | 2-bromo-4- <u>tert</u> -butyl-6-nitrophenyl ester  | n             | n         | n         | - | - | - | - | - | - |
| 3809 | 57 | Cr-1255         | 4-bromo-6-nitro- <u>o</u> -tolyl ester   | n             | n         | n         | - | - | - | - | - | - |
| 3810 | 57 | Cr-1044         | 4- <u>tert</u> -butyl-2-chloro-6-nitrophenyl ester   | n             | n         | n         | - | - | - | - | - | - |
| 3811 | 57 | Cr-650          | 4- <u>tert</u> -butyl-2-nitrophenyl ester  | n             | n         | n         | - | - | - | - | - | - |
| 3812 | 57 | Cr-1052         | x-chloro-x-(1-methylheptyl)-x-nitrophenyl ester  | 4             | n         | 14        | - | - | - | - | - | - |
| 3813 | 57 | Cr-1053         | 2-chloro-6-nitro-4-(1, 1, 3, 3-tetramethylbutyl)<br>phenyl ester                                       | n             | n         | n         | - | - | - | - | - | - |
| 3814 | 57 | Cr-1004         | x, x-dipentyl-x-nitrophenyl ester  | n             | n         | n         | - | - | - | - | - | - |
| 3815 | 57 | Cr-652          | 4-nitrophenyl ester  | n             | n         | n         | - | - | - | - | - | - |
| 3816 | 57 | Cr-657          | 2-nitro-4-(1, 1, 3, 3-tetramethylbutyl) phenyl<br>ester  | n             | n         | n         | - | - | - | - | - | - |
| 3817 | 57 | Cr-617          | 4-octyl-2, 6-dinitrophenyl ester   | 5             | 13        | 13        | - | - | - | - | - | - |
| 3818 | 25 | 800, 126<br>-10 | Triethylamine; hydrochloride   | n             | n         | n         | - | - | - | - | - | - |
| 3819 | 57 | ER-106          | 2-(2, 2-bis- <u>p</u> -chlorophenyl) vinyloxy-   | 3             | 12        | <u>12</u> | - | - | - | - | - | - |
| 3820 | 46 | 311             | 2-chloro-; hydrochloride   | n             | n         | n         | - | - | - | - | - | - |
| 3821 | 57 | Cr-24           | 2, 2', 2"-trichloro-; hydrochloride  | n             | n         | n         | - | - | - | - | - | - |
| 3822 | 25 | 100, 383        | Triethylene glycol   | -             | -         | n         | - | - | - | - | - | - |
| 3823 | 63 | O-3563          | methyl cyanoethyl diether  | n             | n         | n         | - | - | - | - | - | - |
| 3824 | 57 | Q-315           | Trihexylamine, 3, 4, 4-trimethyl-  | n             | n         | n         | - | - | - | - | - | - |

| Rept.<br>No. | Subm.<br>No. | Subm.<br>Code<br>No. | Name of Chemical  | Concentration in ppm |                |                 |     |   |    |     |   |    |
|--------------|--------------|----------------------|---|----------------------|----------------|-----------------|-----|---|----|-----|---|----|
|              |              |                      |   | 5.0                  |                |                 | 1.0 |   |    | 0.1 |   |    |
|              |              |                      |   | T                    | B              | SL              | T   | B | SL | T   | B | SL |
| 3825         | 25           | 102,100              | Trimesic acid   | -                    | -              | n               | -   | - | -  | -   | - | -  |
| 3826         | 57           | Cr-1019              | Trimethylamine, 1-[2-(2-butoxyethoxy)ethoxy]-                           | n                    | n              | n               | -   | - | -  | -   | - | -  |
| 3827         | 25           | 801,313              | Trioctylamine   | 1                    | 12             | 21              | -   | - | -  | -   | - | -  |
| 3828         | 9            |                      | Tri-n-pentylamine; fluorophosphate                                      | n                    | n              | n               | -   | - | -  | -   | - | -  |
| 3829         | 25           | 000,097              | Triphenylarsine   | -                    | -              | n               | -   | - | -  | -   | - | -  |
| 3830         | 59           | CP-836               | Triphosphoric acid; pentaethyl ester                                    | n                    | n              | n               | -   | - | -  | -   | - | -  |
| 3831         | 59           | CP-827               | sym. phenyl tetrapropyl ester   | n                    | n              | n               | -   | - | -  | -   | - | -  |
| 3832         | 57           | Mr-2                 | Trisulfide, bis(2-hydroxy-5-chlorophenyl);<br>mono cyclohexylamine salt | $\frac{1}{2}$        | 1              | $\frac{8}{3}$   | -   | - | -  | -   | - | -  |
| 3833         | 57           | SM-373               | diphenyl  | 9                    | $\frac{14}{3}$ | $\frac{3}{3}$   | -   | - | -  | -   | - | -  |
| 3834         | 57           | SM-376               | ditolyl   | n                    | n              | n               | -   | - | -  | -   | - | -  |
| 3835         | 25           | 800,011              | s-Trithiane, 2,4,6-tris(p-dimethylaminophenyl)-                         | n                    | n              | n               | -   | - | -  | -   | - | -  |
| 3836         | 25           | 500,172              |   |                      |                |                 |     |   |    |     |   |    |
|              |              | -65                  | Tryparsamide  | -                    | -              | n               | -   | - | -  | -   | - | -  |
| 3837         | 46           | 245                  | l-Tryptophane   | n                    | n              | n               | -   | - | -  | -   | - | -  |
| 3838         | 25           | 508,476              | L-Tyrosine, N-(2-carboxyethyl)-   | n                    | n              | n               | -   | - | -  | -   | - | -  |
|              |              |                      |   |                      |                |                 |     |   |    |     |   |    |
|              |              |                      |   |                      |                |                 |     |   |    |     |   |    |
|              |              |                      |   |                      |                |                 |     |   |    |     |   |    |
|              |              |                      |   |                      |                |                 |     |   |    |     |   |    |
| 3839         | 46           | 279                  | Umbelliferone, $\beta$ -methyl-   | n                    | n              | n               | -   | - | -  | -   | - | -  |
| 3840         | 57           | Cr-602               | 9-Undecanoic acid; 2-(2-chloroethoxy)ethyl ester                        | n                    | n              | n               | -   | - | -  | -   | - | -  |
| 3841         | 57           | Cr-601               | 2-chloroethyl ester   | n                    | n              | n               | -   | - | -  | -   | - | -  |
| 3842         | 57           | Cr-612               | 2-(2-thiocyanoethoxy)ethyl ester  | 13                   | 13             | n               | -   | - | -  | -   | - | -  |
| 3843         | 57           | Cr-610               | 2-thiocyanoethyl ester  | 13                   | n              | n               | -   | - | -  | -   | - | -  |
| 3844         | 57           | Q-283                | 7-Undecyne, 2,2,4,10-tetramethyl-6,9-bis-dimethylamino-                 | n                    | $\frac{9}{14}$ | $\frac{14}{14}$ | -   | - | -  | -   | - | -  |
| 3845         | 46           | 247                  | Uracil  | n                    | n              | n               | -   | - | -  | -   | - | -  |
| 3846         | 25           | 501,040              | 6-amino-  | -                    | -              | n               | -   | - | -  | -   | - | -  |
| 3847         | 25           | 501,041              |   |                      |                |                 |     |   |    |     |   |    |
|              |              | -15                  | 5,6-diamino-; hemisulfate   | -                    | -              | n               | -   | - | -  | -   | - | -  |
| 3848         | 46           | 287                  | thio-   | n                    | n              | n               | -   | - | -  | -   | - | -  |
| 3849         | 25           | 500,349              |   |                      |                |                 |     |   |    |     |   |    |
|              |              | -A1                  | Urea; complex with 1/6 f. wt. aluminum triiodide sulfate                | -                    | -              | n               | -   | - | -  | -   | - | -  |
| 3850         | 49           |                      | allyl-  | n                    | n              | n               | -   | - | -  | -   | - | -  |

|      |    |         |   |          |           |           |   |   |   |   |   |   |
|------|----|---------|---|----------|-----------|-----------|---|---|---|---|---|---|
| 3851 | 54 |         | Urea, x-allyl-3-chlorophenyl-2-thio-                                    | n        | n         | n         | - | - | - | - | - | - |
| 3852 | 49 |         | x-allyl-2-thio-   | n        | n         | n         | - | - | - | - | - | - |
| 3853 | 57 | Cr-803  | 1-(4-biphenyl)-2-thio-  | n        | n         | n         | - | - | - | - | - | - |
| 3854 | 56 | 6307    | bis(diethylaminopropyl)-2-thio-   | n        | n         | n         | - | - | - | - | - | - |
| 3855 | 57 | Cr-863  | 1,3-bis(p-phenoxyphenyl)-2-thio-  | n        | -         | n         | - | - | - | - | - | - |
| 3856 | 57 | Lo-392  | 1-[2-(x-chlorobenzalamino)ethyl]-x-ethylene-2-thio-                     | -        | -         | n         | - | - | - | - | - | - |
| 3857 | 57 | FW-70   | 1-(p-chlorobenzenesulfonyl)-3-(1,1,3,3-tetramethylbutyl)-               | n        | n         | n         | - | - | - | - | - | - |
| 3858 | 25 | 904,134 | (3-chloromercuri-2-methoxypropyl)-                                      | n        | n         | n         | - | - | - | - | - | - |
| 3859 | 54 |         | x-(3-chlorophenyl)-x-phenyl-  | 14       | <u>14</u> | <u>14</u> | - | - | - | - | - | - |
| 3860 | 25 | 510,335 | cyanoacetyl-  | n        | n         | n         | - | - | - | - | - | - |
| 3861 | 57 | Cr-867  | 1-decanoyl-   | n        | -         | n         | - | - | - | - | - | - |
| 3862 | 25 | 509,241 | 1,3-dibenzyl-   | 13       | n         | n         | - | - | - | - | - | - |
| 3863 | 57 | Lo-394  | 1-[2-(3,4-dichlorobenzenesulfonamido)ethyl]-x-ethylene-2-thio-          | n        | n         | n         | - | - | - | - | - | - |
| 3864 | 54 |         | x,x-di-3-chlorophenyl-2-thio-   | 2        | 2         | 10        | - | - | - | - | - | - |
| 3865 | 54 |         | 1,3-diethyl-1,3-diphenyl-   | <u>1</u> | <u>5</u>  | n         | - | - | - | - | - | - |
| 3866 | 25 | 801,455 | 1,1-diethyl-2-thio-   | n        | n         | n         | - | - | - | - | - | - |
| 3867 | 25 | 801,456 |   |          |           |           |   |   |   |   |   |   |
|      | 56 | 6290    | 1,3-diethyl-2-thio-   | n        | n         | n         | - | - | - | - | - | - |
| 3868 | 57 | Cr-881  | 1,3-dilauroyl-  | n        | n         | n         | - | - | - | - | - | - |
| 3869 | 54 |         | dimethylol-   | n        | n         | n         | - | - | - | - | - | - |
| 3870 | 65 |         | x,x-dimethyl-x-phenyl-  | -        | -         | n         | - | - | - | - | - | - |
| 3871 | 57 | Q-3     | o,o'-diphenylenebis[2-thio-   | n        | n         | n         | - | - | - | - | - | - |
| 3872 | 57 | Cr-882  | 1,3-ditridecanoyl-  | n        | -         | n         | - | - | - | - | - | - |
| 3873 | 25 | 901,750 | 1-ethyl-3-(2-hydroxyethyl)-2-thio-                                      | n        | n         | n         | - | - | - | - | - | - |
| 3874 | 25 | 501,702 |   |          |           |           |   |   |   |   |   |   |
|      |    | -15     | x-guanyl-; monosulfate  | -        | -         | n         | - | - | - | - | - | - |
| 3875 | 64 | 338     | phosphate   | n        | n         | n         | - | - | - | - | - | - |
| 3876 | 57 | Cr-868  | 1-lauroyl-  | n        | -         | n         | - | - | - | - | - | - |
| 3877 | 57 | Cr-866  | 1-myristoyl-  | n        | -         | n         | - | - | - | - | - | - |
| 3878 | 57 | FW-66   | 1- <u>tert</u> -octadecyl-3-(p-toluenesulfonyl)-                        | n        | -         | n         | - | - | - | - | - | - |
| 3879 | 57 | FW-71   | 1- <u>n</u> -octadecyl-3-(p-toluenesulfonyl)-3-trichloromethylsulfenyl- | n        | n         | n         | - | - | - | - | - | - |
| 3880 | 25 | 500,365 | x-phenyl-   | n        | n         | n         | - | - | - | - | - | - |
| 3881 | 54 |         | 2-thio-   | n        | n         | n         | - | - | - | - | - | - |
| 3882 | 57 | FW-77   | 1-(p-toluenesulfonyl)-3-tridecyl-                                       | 14       | -         | 14        | - | - | - | - | - | - |
| 3883 | 56 | NP-1358 | 1-(2,2,2-trichloro-1-hydroxyethyl)-                                     | n        | n         | n         | - | - | - | - | - | - |
| 3884 | 57 | Cr-865  | 1-tridecanoyl-  | n        | -         | n         | - | - | - | - | - | - |



| Rept. No. | Subm. No. | Subm. Code No. | Name of Chemical  | Concentration in ppm |   |    |     |   |    |     |   |    |
|-----------|-----------|----------------|---|----------------------|---|----|-----|---|----|-----|---|----|
|           |           |                |   | 5.0                  |   |    | 1.0 |   |    | 0.1 |   |    |
|           |           |                |   | T                    | B | SL | T   | B | SL | T   | B | SL |
| 3885      | 25        | 501,062        | Uric acid   | -                    | - | n  | -   | - | -  | -   | - | -  |
| 3886      | 25        | 101,486        |   |                      |   |    |     |   |    |     |   |    |
|           |           | -68            | Valeric acid; nickel (II) salt                          | -                    | - | n  | -   | - | -  | -   | - | -  |
| 3887      | 25        | 403,143        | 5-bromo-; methyl ester                                  | -                    | - | n  | -   | - | -  | -   | - | -  |
| 3888      | 57        | ER-127         | 4-methyl-4-nitro-; ester with 2-furaneglyconitrile      | 2                    | - | n  | -   | - | -  | -   | - | -  |
| 3889      | 25        | 500,313        | Valeronitrile, 5,5'-oxydi-                              | -                    | - | n  | -   | - | -  | -   | - | -  |
| 3890      | 46        | 14             | Vanillic acid; ethyl ester                              | n                    | n | n  | -   | - | -  | -   | - | -  |
| 3891      | 46        | 151            | Veratraldehyde  | n                    | n | n  | -   | - | -  | -   | - | -  |
| 3892      | 54        |                | Veratramide, <u>N</u> -benzoyl-                         | n                    | - | n  | -   | - | -  | -   | - | -  |
| 3893      | 25        | 503,240        | <u>o</u> -Veratramide, <u>N,N</u> -diethyl-             | n                    | n | n  | -   | - | -  | -   | - | -  |
| 3894      | 25        | 102,253        | Veratric acid   | -                    | - | n  | -   | - | -  | -   | - | -  |
| 3895      | 40        |                | Verbenol (2-pinene-4-ol)                                | -                    | - | n  | -   | - | -  | -   | - | -  |
| 3896      | 1         |                | Vinsol NVX  | -                    | - | n  | -   | - | -  | -   | - | -  |
| 3897      | 25        | 101,613        |   |                      |   |    |     |   |    |     |   |    |
|           |           | -A1            | Volan   | -                    | - | n  | -   | - | -  | -   | - | -  |
| 3898      | 25        | Y00,067        | Vulcanechtgelb GR                                       | n                    | n | n  | -   | - | -  | -   | - | -  |
| 3899      | 57        | Lo-28          | Xanthic acid; allyl ester                               | n                    | n | n  | -   | - | -  | -   | - | -  |
| 3900      | 46        | 297            | potassium salt  | n                    | n | n  | -   | - | -  | -   | - | -  |
| 3901      | 57        | Lo-98          | butyl-; allyl ester                                     | n                    | n | n  | -   | - | -  | -   | - | -  |
| 3902      | 57        | FW-168         | 1,1-bis(p-chlorophenyl)-2,2-dichloroethyl ester         | n                    | n | n  | -   | - | -  | -   | - | -  |
| 3903      | 57        | Lo-136         | carbethoxymethyl ester                                  | 1/2                  | 3 | n  | -   | - | -  | -   | - | -  |
| 3904      | 57        | Lo-230         | crotonyl ester  | 14                   | n | n  | -   | - | -  | -   | - | -  |
| 3905      | 57        | Lo-264         | <u>N,N</u> -dihexylcarboxamidomethyl ester              | n                    | n | n  | -   | - | -  | -   | - | -  |
| 3906      | 57        | Lo-487         | <u>N,N</u> -dihexylcarboxamidomethyl ester, sodium salt | n                    | n | n  | -   | - | -  | -   | - | -  |
| 3907      | 57        | Lo-434         | butyl- <u>S-t</u> -octylamino-                          | n                    | n | n  | -   | - | -  | -   | - | -  |

|      |    |         |  |               |               |           |   |   |   |   |   |   |
|------|----|---------|--|---------------|---------------|-----------|---|---|---|---|---|---|
| 3908 | 25 | 401,047 | Xanthic acid,<br>ethyl-; anhydrosulfide with <u>O</u> -ethylthiolcarbonate   | 2             | 3             | 14        | - | - | - | - | - | - |
| 3909 | 54 |         | pentachlorophenyl-; ethyl ester  | 14            | n             | n         | - | - | - | - | - | - |
| 3910 | 57 | Lo-196  | pentyl-; ester with glycolamide  | 5             | <u>13</u>     | <u>13</u> | - | - | - | - | - | - |
| 3911 | 57 | Lo-10   | Xanthic anhydrosulfide   | 1             | 4             | 12        | - | - | - | - | - | - |
| 3912 | 58 | O-4352  | Xanthoacetic acid; isobornyl ester   | n             | n             | n         | - | - | - | - | - | - |
| 3913 | 25 | 106,618 |  |               |               |           |   |   |   |   |   |   |
|      |    | -65     | Xanthochelidonic acid; diethyl ester, sodium derivative  | n             | n             | n         | - | - | - | - | - | - |
| 3914 | 46 | 89      | Xanthone   | 10            | 10            | n         | - | - | - | - | - | - |
| 3915 | 46 | 188     | Xanthidrol   | $\frac{1}{4}$ | 12            | n         | - | - | - | - | - | - |
| 3916 | 57 | He-479  | <u>m</u> -Xylene, <i>a, a'</i> -dibenzoyloxy-4-(2-benzoyloxyethoxy)-   | n             | n             | n         | - | - | - | - | - | - |
| 3917 | 57 | He-477  | <i>a, a'</i> -dibenzoyloxy-4-[2-(2-benzoyloxyethoxy)ethoxy]-   | n             | n             | n         | - | - | - | - | - | - |
| 3918 | 25 | 000,089 | <u>o</u> -Xylene, <i>a, a'</i> -dichloro-  | 4             | -             | 13        | - | - | - | - | - | - |
| 3919 | 56 | NP-1388 | <i>a, a', 3, 4, 5, 6</i> -hexachloro-  | n             | n             | n         | - | - | - | - | - | - |
| 3920 | 49 |         | <u>p</u> -Xylene, <i>a, a'</i> -dichloro-  | 2             | <u>14</u>     | <u>7</u>  | - | - | - | - | - | - |
| 3921 | 49 |         | nitro-   | <u>1</u>      | <u>4</u>      | n         | - | - | - | - | - | - |
| 3922 | 63 | O-3709  | <u>p</u> -Xylenesulfonamide, <u>N, N</u> -dicyanoethyl-  | n             | n             | n         | - | - | - | - | - | - |
| 3923 | 63 | O-2649  | <u>x</u> -Xylenesulfonic acid; 4-biphenyl ester  | n             | n             | n         | - | - | - | - | - | - |
| 3924 | 63 | O-2754  | dodecyl ester  | n             | n             | n         | - | - | - | - | - | - |
| 3925 | 63 | O-2642  | phenyl ester   | n             | $\frac{1}{2}$ | n         | - | - | - | - | - | - |
| 3926 | 63 | O-5224  | <u>m</u> -Xylenesulfonic acid  | n             | -             | n         | - | - | - | - | - | - |
| 3927 | 63 | O-2197  |  |               |               |           |   |   |   |   |   |   |
|      |    | -F      | sodium salt  | n             | n             | n         | - | - | - | - | - | - |
| 3928 | 63 | O-5231  | <u>o</u> -Xylenesulfonic acid  | n             | n             | n         | - | - | - | - | - | - |
| 3929 | 63 | O-2190  |  |               |               |           |   |   |   |   |   |   |
|      |    | -F      | sodium salt  | n             | n             | n         | - | - | - | - | - | - |
| 3930 | 63 | O-5232  | <u>p</u> -Xylenesulfonic acid  | n             | n             | n         | - | - | - | - | - | - |
| 3931 | 25 | 100,547 | 2,4-Xylenol  | -             | -             | n         | - | - | - | - | - | - |
| 3932 | 25 | 100,549 | 3,4-Xylenol  | -             | -             | n         | - | - | - | - | - | - |
| 3933 | 25 | 403,221 | 2 (and 6) (?) -chloro-   | 9             | 9             | 9         | - | - | - | - | - | - |
| 3934 | 35 |         | 3,5-Xylenol  | n             | <u>10</u>     | n         | - | - | - | - | - | - |
| 3935 | 57 | Cr-729  | <u>x, x</u> -Xylidine, <u>N</u> -2-methylallyl-  | n             | n             | n         | - | - | - | - | - | - |
| 3936 | 46 | 215     | 2,5-Xylidene; hydrochloride  | -             | -             | n         | - | - | - | - | - | - |
| 3937 | 25 | 800,554 | 3,5-Xylidine, <i>a</i> <sup>3</sup> , <i>a</i> <sup>3</sup> , <i>a</i> <sup>3</sup> , <i>a</i> <sup>5</sup> , <i>a</i> <sup>5</sup> , <i>a</i> <sup>5</sup> -hexafluoro- | n             | n             | n         | - | - | - | - | - | - |

| Rept. No. | Subm. No. | Subm. Code No. | Name of Chemical    | Concentration in ppm |   |    |     |   |    |     |   |    |
|-----------|-----------|----------------|---------------------|----------------------|---|----|-----|---|----|-----|---|----|
|           |           |                |                     | 5.0                  |   |    | 1.0 |   |    | 0.1 |   |    |
|           |           |                |                     | T                    | B | SL | T   | B | SL | T   | B | SL |
| 3938      | 25        | Y00,068        | Zaponechtgelb CGG   | n                    | n | n  | -   | - | -  | -   | - | -  |
| 3939      | 6         |                | Zinc silicofluoride | -                    | - | n  | -   | - | -  | -   | - | -  |

TABLE 2. List of 407 additional compounds, identified by code numbers only, with the results obtained in preliminary screening tests of each substance.

#### EXPLANATION OF TABLE

Names of these compounds have been restricted by their submitters. Compounds have been grouped by source and, for each submitter, are arranged alphabetically and/or numerically according to the submitter's own code numbers.

In all other respects the presentation of data here is identical with that to be found in Table 1 (See Table 1, "Explanation of table", page 9).

| Rept. No. | Subm. | Subm. Code No. | Concentration in ppm |    |           |     |   |          |     |   |    |
|-----------|-------|----------------|----------------------|----|-----------|-----|---|----------|-----|---|----|
|           |       |                | 5.0                  |    |           | 1.0 |   |          | 0.1 |   |    |
|           |       |                | T                    | B  | SL        | T   | B | SL       | T   | B | SL |
| 3940      | 31    | 36             | -                    | -  | n         | -   | - | -        | -   | - | -  |
| 3941      | 31    | 37             | -                    | -  | n         | -   | - | -        | -   | - | -  |
| 3942      | 31    | 834            | <u>14</u>            | -  | n         | -   | - | -        | -   | - | -  |
| 3943      | 31    | 838            | n                    | -  | n         | -   | - | -        | -   | - | -  |
| 3944      | 31    | 1034           | n                    | -  | n         | -   | - | -        | -   | - | -  |
| 3945      | 31    | 1125           | 14                   | -  | <u>14</u> | -   | - | -        | -   | - | -  |
| 3946      | 42    | HL 842         | 2                    | 2  | 12        | -   | - | -        | -   | - | -  |
| 3947      | 42    | HL 843         | 4                    | n  | n         | -   | - | -        | -   | - | -  |
| 3948      | 42    | HL 844         | 1                    | 9  | <u>19</u> | -   | - | -        | -   | - | -  |
| 3949      | 56    | EC-1337        | n                    | n  | n         | -   | - | -        | -   | - | -  |
| 3950      | 56    | EC-3634        | 1                    | 1  | 3         | 2   | 2 | 6        | 4   | n | n  |
| 3951      | 56    | NP-447         | 1                    | 2  | 14        | 10  | n | n        | n   | n | n  |
| 3952      | 56    | NP-716         | 2                    | 2  | 10        | -   | - | -        | -   | - | -  |
| 3953      | 56    | NP-770         | 2                    | 2  | 10        | -   | - | -        | -   | - | -  |
| 3954      | 56    | NP-1048        | n                    | n  | n         | -   | - | -        | -   | - | -  |
| 3955      | 56    | NP-1083        | 1                    | 1  | 5         | 2   | 2 | 14       | n   | n | n  |
| 3956      | 56    | NP-1155        | 12                   | n  | n         | -   | - | -        | -   | - | -  |
| 3957      | 56    | NP-1224        | 1                    | 1  | 12        | -   | - | -        | -   | - | -  |
| 3958      | 56    | NP-1285        | $\frac{1}{2}$        | 3  | 4         | n   | n | n        | n   | n | n  |
| 3959      | 56    | NP-1353        | 8                    | 12 | <u>12</u> | -   | - | -        | -   | - | -  |
| 3960      | 56    | NP-1394        | 2                    | 4  | 12        | -   | - | -        | -   | - | -  |
| 3961      | 56    | NP-1412        | n                    | n  | n         | -   | - | -        | -   | - | -  |
| 3962      | 56    | NP-1447        | n                    | n  | n         | -   | - | -        | -   | - | -  |
| 3963      | 56    | NP-1448        | 4                    | 4  | 14        | -   | - | -        | -   | - | -  |
| 3964      | 56    | S-145          | -                    | -  | n         | -   | - | -        | -   | - | -  |
| 3965      | 56    | S-6291         | 1                    | 9  | 9         | -   | - | -        | -   | - | -  |
| 3966      | 56    | S-6606         | 3                    | 14 | 4         | n   | n | <u>3</u> | n   | n | n  |

|      |    |         |               |               |               |   |          |    |   |   |   |
|------|----|---------|---------------|---------------|---------------|---|----------|----|---|---|---|
| 3967 | 56 | S-6719  | 14            | -             | n             | - | -        | -  | - | - | - |
| 3968 | 57 | Cr-58   | 1             | 1             | 14            | - | -        | -  | - | - | - |
| 3969 | 57 | Cr-109  | 13            | <u>13</u>     | <u>22</u>     | - | -        | -  | - | - | - |
| 3970 | 57 | Cr-169  | n             | n             | n             | - | -        | -  | - | - | - |
| 3971 | 57 | Cr-242  | -             | 3             | 14            | - | -        | -  | - | - | - |
| 3972 | 57 | Cr-262  | -             | n             | n             | - | -        | -  | - | - | - |
| 3973 | 57 | Cr-266  | 1             | 1             | <u>14</u>     | - | -        | -  | - | - | - |
| 3974 | 57 | Cr-305  | $\frac{1}{2}$ | 1             | 4             | 2 | 4        | 10 | n | n | n |
| 3975 | 57 | Cr-307  | 1             | 2             | n             | - | -        | -  | - | - | - |
| 3976 | 57 | Cr-328  | n             | n             | n             | - | -        | -  | - | - | - |
| 3977 | 57 | Cr-331  | -             | 12            | 12            | - | -        | -  | - | - | - |
| 3978 | 57 | Cr-392  | n             | <u>13</u>     | n             | - | -        | -  | - | - | - |
| 3979 | 57 | Cr-440  | 3             | $\frac{1}{2}$ | $\frac{1}{2}$ | - | -        | -  | - | - | - |
| 3980 | 57 | Cr-446  | 1             | 1             | 12            | 2 | 12       | n  | n | n | n |
| 3981 | 57 | Cr-450  | $\frac{1}{4}$ | 1             | 14            | 8 | <u>3</u> | n  | n | n | n |
| 3982 | 57 | Cr-470  | n             | n             | n             | - | -        | -  | - | - | - |
| 3983 | 57 | Cr-479  | n             | 14            | n             | n | n        | n  | n | n | n |
| 3984 | 57 | Cr-501  | n             | n             | n             | - | -        | -  | - | - | - |
| 3985 | 57 | Cr-518  | 5             | 14            | n             | - | -        | -  | - | - | - |
| 3986 | 57 | Cr-573  | 2             | 11            | n             | - | -        | -  | - | - | - |
| 3987 | 57 | Cr-576  | 6             | 11            | <u>2</u>      | - | -        | -  | - | - | - |
| 3988 | 57 | Cr-578  | n             | n             | n             | - | -        | -  | - | - | - |
| 3989 | 57 | Cr-608  | 13            | 13            | <u>13</u>     | - | -        | -  | - | - | - |
| 3990 | 57 | Cr-750  | n             | n             | n             | - | -        | -  | - | - | - |
| 3991 | 57 | Cr-840  | n             | n             | n             | - | -        | -  | - | - | - |
| 3992 | 57 | Cr-873  | n             | -             | n             | - | -        | -  | - | - | - |
| 3993 | 57 | Cr-902  | n             | n             | n             | - | -        | -  | - | - | - |
| 3994 | 57 | Cr-955  | 2             | 9             | n             | - | -        | -  | - | - | - |
| 3995 | 57 | Cr-1135 | n             | n             | n             | - | -        | -  | - | - | - |
| 3996 | 57 | Cr-1147 | n             | n             | n             | - | -        | -  | - | - | - |
| 3997 | 57 | Cr-1569 | n             | n             | n             | - | -        | -  | - | - | - |
| 3998 | 57 | Cr-1581 | 12            | <u>1</u>      | <u>12</u>     | - | -        | -  | - | - | - |
| 3999 | 57 | Cr-1624 | 3             | 5             | <u>15</u>     | - | -        | -  | - | - | - |
| 4000 | 57 | Cr-1650 | n             | n             | n             | - | -        | -  | - | - | - |
| 4001 | 57 | ER-3    | n             | n             | n             | - | -        | -  | - | - | - |

| Rept.<br>No. | Subm. | Subm.<br>Code<br>No. | Concentration in ppm |    |           |     |   |    |     |   |    |
|--------------|-------|----------------------|----------------------|----|-----------|-----|---|----|-----|---|----|
|              |       |                      | 5.0                  |    |           | 1.0 |   |    | 0.1 |   |    |
|              |       |                      | T                    | B  | SL        | T   | B | SL | T   | B | SL |
| 4002         | 57    | ER-6                 | n                    | n  | n         | -   | - | -  | -   | - | -  |
| 4003         | 57    | ER-12                | n                    | n  | n         | -   | - | -  | -   | - | -  |
| 4004         | 57    | ER-13                | n                    | n  | n         | -   | - | -  | -   | - | -  |
| 4005         | 57    | ER-14                | n                    | n  | n         | -   | - | -  | -   | - | -  |
| 4006         | 57    | ER-17                | n                    | n  | n         | -   | - | -  | -   | - | -  |
| 4007         | 57    | ER-18                | n                    | -  | n         | -   | - | -  | -   | - | -  |
| 4008         | 57    | ER-19                | n                    | n  | n         | -   | - | -  | -   | - | -  |
| 4009         | 57    | ER-23                | n                    | n  | n         | -   | - | -  | -   | - | -  |
| 4010         | 57    | ER-26                | n                    | n  | n         | -   | - | -  | -   | - | -  |
| 4011         | 57    | ER-27                | n                    | n  | n         | -   | - | -  | -   | - | -  |
| 4012         | 57    | ER-28                | n                    | n  | n         | -   | - | -  | -   | - | -  |
| 4013         | 57    | ER-31                | n                    | n  | n         | -   | - | -  | -   | - | -  |
| 4014         | 57    | ER-32                | n                    | n  | n         | -   | - | -  | -   | - | -  |
| 4015         | 57    | ER-33                | n                    | n  | n         | -   | - | -  | -   | - | -  |
| 4016         | 57    | ER-34                | n                    | -  | n         | -   | - | -  | -   | - | -  |
| 4017         | 57    | ER-37                | n                    | n  | n         | -   | - | -  | -   | - | -  |
| 4018         | 57    | ER-38                | n                    | -  | n         | -   | - | -  | -   | - | -  |
| 4019         | 57    | ER-42                | n                    | n  | n         | -   | - | -  | -   | - | -  |
| 4020         | 57    | ER-43                | n                    | n  | n         | -   | - | -  | -   | - | -  |
| 4021         | 57    | ER-52                | n                    | -  | n         | -   | - | -  | -   | - | -  |
| 4022         | 57    | ER-60                | n                    | n  | n         | -   | - | -  | -   | - | -  |
| 4023         | 57    | ER-62                | n                    | n  | n         | -   | - | -  | -   | - | -  |
| 4024         | 57    | ER-63                | n                    | -  | n         | -   | - | -  | -   | - | -  |
| 4025         | 57    | ER-67                | n                    | 14 | n         | -   | - | -  | -   | - | -  |
| 4026         | 57    | ER-76                | 12                   | 12 | n         | -   | - | -  | -   | - | -  |
| 4027         | 57    | ER-93                | 13                   | -  | n         | -   | - | -  | -   | - | -  |
| 4028         | 57    | ER-100               | 4                    | -  | n         | -   | - | -  | -   | - | -  |
| 4029         | 57    | ER-101               | 3                    | 12 | n         | -   | - | -  | -   | - | -  |
| 4030         | 57    | ER-103               | n                    | n  | n         | -   | - | -  | -   | - | -  |
| 4031         | 57    | ER-104               | n                    | n  | n         | -   | - | -  | -   | - | -  |
| 4032         | 57    | ER-109               | $\frac{1}{2}$        | -  | 17        | -   | - | -  | -   | - | -  |
| 4033         | 57    | ER-110               | 2                    | 2  | <u>12</u> | -   | - | -  | -   | - | -  |
| 4034         | 57    | ER-146               | n                    | -  | n         | -   | - | -  | -   | - | -  |
| 4035         | 57    | ER-164               | 1                    | -  | 14        | -   | - | -  | -   | - | -  |
| 4036         | 57    | ER-168               | n                    | -  | n         | -   | - | -  | -   | - | -  |

|      |    |        |               |          |          |   |   |   |   |   |   |
|------|----|--------|---------------|----------|----------|---|---|---|---|---|---|
| 4037 | 57 | FW-3   | n             | n        | n        | - | - | - | - | - | - |
| 4038 | 57 | FW-4   | n             | n        | n        | - | - | - | - | - | - |
| 4039 | 57 | FW-6   | 1             | 2        | 12       | - | - | - | - | - | - |
| 4040 | 57 | FW-10  | $\frac{1}{4}$ | 2        | 8        | - | - | - | - | - | - |
| 4041 | 57 | FW-12  | n             | n        | n        | - | - | - | - | - | - |
| 4042 | 57 | FW-25  | n             | -        | n        | - | - | - | - | - | - |
| 4043 | 57 | FW-36  | n             | n        | n        | - | - | - | - | - | - |
| 4044 | 57 | FW-44  | 2             | 12       | n        | - | - | - | - | - | - |
| 4045 | 57 | FW-49  | 1             | -        | n        | - | - | - | - | - | - |
| 4046 | 57 | FW-57  | n             | n        | n        | - | - | - | - | - | - |
| 4047 | 57 | FW-58  | 12            | n        | n        | - | - | - | - | - | - |
| 4048 | 57 | FW-59  | n             | n        | n        | - | - | - | - | - | - |
| 4049 | 57 | FW-62  | n             | n        | n        | - | - | - | - | - | - |
| 4050 | 57 | FW-64  | 6             | -        | n        | - | - | - | - | - | - |
| 4051 | 57 | FW-74  | $\frac{1}{2}$ | 4        | 2        | 1 | 5 | 2 | n | n | n |
| 4052 | 57 | FW-75  | n             | n        | n        | - | - | - | - | - | - |
| 4053 | 57 | FW-81  | n             | n        | n        | - | - | - | - | - | - |
| 4054 | 57 | FW-83  | n             | n        | n        | - | - | - | - | - | - |
| 4055 | 57 | FW-85  | n             | 12       | n        | - | - | - | - | - | - |
| 4056 | 57 | FW-87  | n             | <u>1</u> | n        | - | - | - | - | - | - |
| 4057 | 57 | FW-95  | n             | n        | n        | - | - | - | - | - | - |
| 4058 | 57 | FW-108 | n             | n        | n        | - | - | - | - | - | - |
| 4059 | 57 | FW-111 | n             | n        | n        | - | - | - | - | - | - |
| 4060 | 57 | FW-117 | n             | n        | n        | - | - | - | - | - | - |
| 4061 | 57 | FW-118 | n             | n        | n        | - | - | - | - | - | - |
| 4062 | 57 | FW-119 | n             | n        | n        | - | - | - | - | - | - |
| 4063 | 57 | FW-120 | n             | n        | n        | - | - | - | - | - | - |
| 4064 | 57 | FW-126 | n             | n        | n        | - | - | - | - | - | - |
| 4065 | 57 | FW-130 | n             | n        | n        | - | - | - | - | - | - |
| 4066 | 57 | FW-131 | n             | n        | n        | - | - | - | - | - | - |
| 4067 | 57 | FW-132 | n             | n        | n        | - | - | - | - | - | - |
| 4068 | 57 | FW-133 | n             | n        | n        | - | - | - | - | - | - |
| 4069 | 57 | FW-134 | 3             | 5        | <u>9</u> | - | - | - | - | - | - |
| 4070 | 57 | FW-144 | n             | n        | n        | - | - | - | - | - | - |
| 4071 | 57 | FW-146 | n             | n        | n        | - | - | - | - | - | - |
| 4072 | 57 | FW-150 | n             | n        | n        | - | - | - | - | - | - |
| 4073 | 57 | FW-156 | $\frac{1}{2}$ | 3        | <u>3</u> | - | - | - | - | - | - |
| 4074 | 57 | FW-157 | 3             | <u>3</u> | n        | - | - | - | - | - | - |
| 4075 | 57 | FW-158 | n             | n        | n        | - | - | - | - | - | - |



| Rept.<br>No. | Subm. | Subm.<br>Code<br>No. | Concentration in ppm |           |           |     |   |    |     |   |    |
|--------------|-------|----------------------|----------------------|-----------|-----------|-----|---|----|-----|---|----|
|              |       |                      | 5.0                  |           |           | 1.0 |   |    | 0.1 |   |    |
|              |       |                      | T                    | B         | SL        | T   | B | SL | T   | B | SL |
| 4076         | 57    | FW-159               | 1                    | 3         | <u>2</u>  | -   | - | -  | -   | - | -  |
| 4077         | 57    | FW-160               | n                    | n         | n         | -   | - | -  | -   | - | -  |
| 4078         | 57    | FW-161               | n                    | n         | n         | -   | - | -  | -   | - | -  |
| 4079         | 57    | FW-162               | 10                   | -         | <u>14</u> | -   | - | -  | -   | - | -  |
| 4080         | 57    | FW-170               | n                    | n         | n         | -   | - | -  | -   | - | -  |
| 4081         | 57    | FW-171               | n                    | n         | n         | -   | - | -  | -   | - | -  |
| 4082         | 57    | FW-174               | n                    | n         | n         | -   | - | -  | -   | - | -  |
| 4083         | 57    | FW-175               | n                    | n         | n         | -   | - | -  | -   | - | -  |
| 4084         | 57    | FW-176               | n                    | n         | n         | -   | - | -  | -   | - | -  |
| 4085         | 57    | FW-177               | 14                   | <u>1</u>  | n         | -   | - | -  | -   | - | -  |
| 4086         | 57    | FW-186               | n                    | n         | n         | -   | - | -  | -   | - | -  |
| 4087         | 57    | FW-188               | n                    | n         | n         | -   | - | -  | -   | - | -  |
| 4088         | 57    | FW-189               | n                    | n         | n         | -   | - | -  | -   | - | -  |
| 4089         | 57    | FW-191               | n                    | n         | n         | -   | - | -  | -   | - | -  |
| 4090         | 57    | FW-196               | 12                   | 12        | 17        | -   | - | -  | -   | - | -  |
| 4091         | 57    | FW-197               | 6                    | 6         | 14        | n   | n | n  | n   | n | n  |
| 4092         | 57    | FW-199               | n                    | n         | n         | -   | - | -  | -   | - | -  |
| 4093         | 57    | FW-203               | n                    | n         | n         | -   | - | -  | -   | - | -  |
| 4094         | 57    | FW-211               | <u>1</u>             | 14        | n         | -   | - | -  | -   | - | -  |
| 4095         | 57    | FW-213               | n                    | n         | n         | -   | - | -  | -   | - | -  |
| 4096         | 57    | FW-221               | 5                    | n         | n         | -   | - | -  | -   | - | -  |
| 4097         | 57    | FW-222               | n                    | n         | n         | -   | - | -  | -   | - | -  |
| 4098         | 57    | FW-225               | n                    | n         | n         | -   | - | -  | -   | - | -  |
| 4099         | 57    | FW-226               | n                    | n         | n         | -   | - | -  | -   | - | -  |
| 4100         | 57    | FW-227               | 1                    | 4         | <u>1</u>  | -   | - | -  | -   | - | -  |
| 4101         | 57    | FW-228               | n                    | n         | n         | -   | - | -  | -   | - | -  |
| 4102         | 57    | FW-229               | n                    | n         | n         | -   | - | -  | -   | - | -  |
| 4103         | 57    | FW-230               | n                    | n         | n         | -   | - | -  | -   | - | -  |
| 4104         | 57    | FW-234               | n                    | n         | n         | -   | - | -  | -   | - | -  |
| 4105         | 57    | FW-239               | n                    | n         | n         | -   | - | -  | -   | - | -  |
| 4106         | 57    | FW-243               | n                    | n         | n         | -   | - | -  | -   | - | -  |
| 4107         | 57    | FW-244               | n                    | n         | n         | -   | - | -  | -   | - | -  |
| 4108         | 57    | FW-250               | n                    | n         | n         | -   | - | -  | -   | - | -  |
| 4109         | 57    | Lo-31                | 14                   | <u>14</u> | n         | -   | - | -  | -   | - | -  |
| 4110         | 57    | Lo-49                | n                    | n         | n         | -   | - | -  | -   | - | -  |

|      |    |        |               |          |    |   |   |   |   |   |   |
|------|----|--------|---------------|----------|----|---|---|---|---|---|---|
| 4111 | 57 | Lo-55  | n             | n        | n  | - | - | - | - | - | - |
| 4112 | 57 | Lo-69  | n             | n        | n  | - | - | - | - | - | - |
| 4113 | 57 | Lo-100 | n             | n        | n  | - | - | - | - | - | - |
| 4114 | 57 | Lo-107 | n             | n        | n  | - | - | - | - | - | - |
| 4115 | 57 | Lo-147 | n             | n        | n  | - | - | - | - | - | - |
| 4116 | 57 | Lo-181 | n             | n        | n  | - | - | - | - | - | - |
| 4117 | 57 | Lo-192 | -             | -        | n  | - | - | - | - | - | - |
| 4118 | 57 | Lo-206 | -             | -        | n  | - | - | - | - | - | - |
| 4119 | 57 | Lo-224 | n             | n        | n  | - | - | - | - | - | - |
| 4120 | 57 | Lo-254 | n             | n        | n  | - | - | - | - | - | - |
| 4121 | 57 | Lo-262 | n             | n        | n  | - | - | - | - | - | - |
| 4122 | 57 | Lo-268 | n             | n        | n  | - | - | - | - | - | - |
| 4123 | 57 | Lo-270 | n             | n        | n  | - | - | - | - | - | - |
| 4124 | 57 | Lo-281 | -             | -        | n  | - | - | - | - | - | - |
| 4125 | 57 | Lo-309 | n             | n        | n  | - | - | - | - | - | - |
| 4126 | 57 | Lo-314 | n             | n        | n  | - | - | - | - | - | - |
| 4127 | 57 | Lo-344 | n             | n        | n  | - | - | - | - | - | - |
| 4128 | 57 | Lo-345 | n             | n        | n  | - | - | - | - | - | - |
| 4129 | 57 | Lo-420 | n             | n        | n  | - | - | - | - | - | - |
| 4130 | 57 | Lo-447 | 2             | 14       | 14 | - | - | - | - | - | - |
| 4131 | 57 | Lo-471 | -             | -        | n  | - | - | - | - | - | - |
| 4132 | 57 | Lo-488 | n             | n        | n  | - | - | - | - | - | - |
| 4133 | 57 | Lo-491 | -             | -        | n  | - | - | - | - | - | - |
| 4134 | 57 | Lo-498 | 7             | n        | 13 | - | - | - | - | - | - |
| 4135 | 57 | Lo-500 | -             | -        | n  | - | - | - | - | - | - |
| 4136 | 57 | Lo-532 | -             | -        | n  | - | - | - | - | - | - |
| 4137 | 57 | Lo-554 | $\frac{1}{2}$ | 3        | 9  | 4 | n | n | n | n | n |
| 4138 | 57 | Lo-595 | n             | n        | n  | - | - | - | - | - | - |
| 4139 | 57 | Lo-648 | 3             | <u>3</u> | n  | - | - | - | - | - | - |
| 4140 | 57 | Lo-682 | n             | n        | n  | - | - | - | - | - | - |
| 4141 | 57 | Lo-700 | n             | n        | n  | - | - | - | - | - | - |
| 4142 | 57 | Lo-707 | n             | n        | n  | - | - | - | - | - | - |
| 4143 | 57 | Lo-709 | n             | n        | n  | - | - | - | - | - | - |
| 4144 | 57 | Lo-757 | 1             | n        | n  | - | - | - | - | - | - |
| 4145 | 57 | Lo-758 | -             | -        | n  | - | - | - | - | - | - |
| 4146 | 57 | Lo-760 | n             | n        | n  | - | - | - | - | - | - |
| 4147 | 57 | Mr-1   | 1             | 2        | n  | - | - | - | - | - | - |
| 4148 | 57 | Mr-3   | $\frac{1}{2}$ | 1        | n  | - | - | - | - | - | - |
| 4149 | 57 | Mr-31  | n             | n        | n  | - | - | - | - | - | - |

| Rept.<br>No. | Subm. | Subm.<br>Code<br>No. | Concentration in ppm |          |           |     |   |    |     |   |    |
|--------------|-------|----------------------|----------------------|----------|-----------|-----|---|----|-----|---|----|
|              |       |                      | 5.0                  |          |           | 1.0 |   |    | 0.1 |   |    |
|              |       |                      | T                    | B        | SL        | T   | B | SL | T   | B | SL |
| 4150         | 57    | Mr-56                | n                    | n        | n         | -   | - | -  | -   | - | -  |
| 4151         | 57    | Mr-60                | 13                   | 4        | n         | -   | - | -  | -   | - | -  |
| 4152         | 57    | O-1702               | n                    | n        | n         | -   | - | -  | -   | - | -  |
| 4153         | 57    | O-1703               | -                    | -        | n         | -   | - | -  | -   | - | -  |
| 4154         | 57    | O-2010               | n                    | n        | n         | -   | - | -  | -   | - | -  |
| 4155         | 57    | O-2018               | -                    | -        | n         | -   | - | -  | -   | - | -  |
| 4156         | 57    | Q-122                | n                    | n        | n         | -   | - | -  | -   | - | -  |
| 4157         | 57    | Q-127                | -                    | -        | n         | -   | - | -  | -   | - | -  |
| 4158         | 57    | Q-134                | 5                    | 13       | <u>13</u> | -   | - | -  | -   | - | -  |
| 4159         | 57    | Q-197                | n                    | n        | n         | -   | - | -  | -   | - | -  |
| 4160         | 57    | Q-211                | n                    | n        | n         | -   | - | -  | -   | - | -  |
| 4161         | 57    | Q-220                | n                    | n        | n         | -   | - | -  | -   | - | -  |
| 4162         | 57    | Q-249                | n                    | n        | n         | -   | - | -  | -   | - | -  |
| 4163         | 57    | Q-254                | n                    | n        | n         | -   | - | -  | -   | - | -  |
| 4164         | 57    | Q-269                | -                    | -        | n         | -   | - | -  | -   | - | -  |
| 4165         | 57    | Q-275                | -                    | -        | n         | -   | - | -  | -   | - | -  |
| 4166         | 57    | Q-281                | n                    | n        | n         | -   | - | -  | -   | - | -  |
| 4167         | 57    | Q-282                | 2                    | 14       | <u>2</u>  | -   | - | -  | -   | - | -  |
| 4168         | 57    | Q-284                | n                    | n        | n         | -   | - | -  | -   | - | -  |
| 4169         | 57    | SM-291               | 13                   | <u>1</u> | n         | -   | - | -  | -   | - | -  |
| 4170         | 57    | SM-306               | -                    | -        | n         | -   | - | -  | -   | - | -  |
| 4171         | 57    | SM-348               | -                    | -        | n         | -   | - | -  | -   | - | -  |
| 4172         | 57    | SM-407               | -                    | -        | n         | -   | - | -  | -   | - | -  |
| 4173         | 57    | SM-411               | -                    | -        | n         | -   | - | -  | -   | - | -  |
| 4174         | 57    | SM-416               | -                    | -        | n         | -   | - | -  | -   | - | -  |
| 4175         | 57    | SM-420               | -                    | -        | n         | -   | - | -  | -   | - | -  |
| 4176         | 57    | SM-421               | -                    | -        | n         | -   | - | -  | -   | - | -  |
| 4177         | 57    | SM-426               | n                    | n        | n         | -   | - | -  | -   | - | -  |
| 4178         | 57    | SM-429               | n                    | n        | n         | -   | - | -  | -   | - | -  |
| 4179         | 57    | SM-432               | n                    | n        | n         | -   | - | -  | -   | - | -  |
| 4180         | 57    | SM-434               | n                    | n        | n         | -   | - | -  | -   | - | -  |
| 4181         | 57    | SM-437               | -                    | -        | n         | -   | - | -  | -   | - | -  |
| 4182         | 57    | SM-452               | -                    | -        | n         | -   | - | -  | -   | - | -  |
| 4183         | 57    | SM-459               | n                    | n        | n         | -   | - | -  | -   | - | -  |
| 4184         | 57    | SM-488               | 8                    | 12       | 12        | -   | - | -  | -   | - | -  |

|      |    |        |    |    |           |   |   |   |   |   |   |
|------|----|--------|----|----|-----------|---|---|---|---|---|---|
| 4185 | 57 | SM-489 | n  | n  | n         | - | - | - | - | - | - |
| 4186 | 57 | SM-490 | 8  | 8  | <u>12</u> | - | - | - | - | - | - |
| 4187 | 57 | SM-496 | -  | -  | n         | - | - | - | - | - | - |
| 4188 | 57 | SM-508 | -  | -  | n         | - | - | - | - | - | - |
| 4189 | 57 | SM-520 | 3  | 8  | 12        | - | - | - | - | - | - |
| 4190 | 57 | SM-521 | n  | n  | n         | - | - | - | - | - | - |
| 4191 | 57 | SM-526 | -  | -  | n         | - | - | - | - | - | - |
| 4192 | 57 | SM-528 | -  | -  | n         | - | - | - | - | - | - |
| 4193 | 57 | SM-533 | 13 | 13 | 13        | - | - | - | - | - | - |
| 4194 | 57 | SM-534 | -  | -  | n         | - | - | - | - | - | - |
| 4195 | 57 | SM-535 | -  | -  | n         | - | - | - | - | - | - |
| 4196 | 57 | SM-543 | -  | -  | n         | - | - | - | - | - | - |
| 4197 | 57 | SM-564 | -  | -  | n         | - | - | - | - | - | - |
| 4198 | 57 | SM-565 | 7  | 12 | 12        | - | - | - | - | - | - |
| 4199 | 57 | SM-570 | -  | -  | n         | - | - | - | - | - | - |
| 4200 | 57 | SM-571 | -  | -  | n         | - | - | - | - | - | - |
| 4201 | 57 | SM-577 | -  | -  | n         | - | - | - | - | - | - |
| 4202 | 57 | SM-595 | 2  | 3  | 12        | - | - | - | - | - | - |
| 4203 | 57 | V-1    | -  | -  | n         | - | - | - | - | - | - |
| 4204 | 57 | V-4    | -  | -  | n         | - | - | - | - | - | - |
| 4205 | 57 | V-10   | n  | n  | n         | - | - | - | - | - | - |
| 4206 | 57 | V-11   | 14 | n  | n         | - | - | - | - | - | - |
| 4207 | 57 | V-13   | n  | n  | n         | - | - | - | - | - | - |
| 4208 | 57 | V-17   | -  | -  | n         | - | - | - | - | - | - |
| 4209 | 57 | V-18   | n  | n  | n         | - | - | - | - | - | - |
| 4210 | 57 | V-19   | n  | n  | n         | - | - | - | - | - | - |
| 4211 | 57 | V-20   | -  | -  | n         | - | - | - | - | - | - |
| 4212 | 57 | V-23   | -  | -  | n         | - | - | - | - | - | - |
| 4213 | 57 | V-28   | -  | -  | n         | - | - | - | - | - | - |
| 4214 | 57 | V-29   | n  | n  | n         | - | - | - | - | - | - |
| 4215 | 57 | V-31   | -  | -  | n         | - | - | - | - | - | - |
| 4216 | 57 | V-34   | 5  | n  | n         | - | - | - | - | - | - |
| 4217 | 57 | V-47   | 3  | n  | n         | - | - | - | - | - | - |
| 4218 | 57 | V-48   | 1  | 3  | 4         | n | n | n | n | n | n |
| 4219 | 57 | V-55   | n  | n  | n         | - | - | - | - | - | - |
| 4220 | 57 | V-63   | n  | n  | n         | - | - | - | - | - | - |
| 4221 | 57 | V-65   | 14 | n  | 14        | - | - | - | - | - | - |
| 4222 | 57 | V-71   | 1  | 6  | 14        | - | - | - | - | - | - |
| 4223 | 57 | V-81   | 2  | 4  | 14        | - | - | - | - | - | - |

| Rept.<br>No. | Subm. | Subm.<br>Code<br>No. | Concentration in ppm |           |           |     |    |    |     |   |    |
|--------------|-------|----------------------|----------------------|-----------|-----------|-----|----|----|-----|---|----|
|              |       |                      | 5.0                  |           |           | 1.0 |    |    | 0.1 |   |    |
|              |       |                      | T                    | B         | SL        | T   | B  | SL | T   | B | SL |
| 4224         | 57    | V-91                 | -                    | -         | n         | -   | -  | -  | -   | - | -  |
| 4225         | 57    | V-92                 | n                    | n         | n         | -   | -  | -  | -   | - | -  |
| 4226         | 57    | V-95                 | -                    | -         | n         | -   | -  | -  | -   | - | -  |
| 4227         | 57    | V-101                | n                    | n         | n         | -   | -  | -  | -   | - | -  |
| 4228         | 57    | V-103                | n                    | n         | n         | -   | -  | -  | -   | - | -  |
| 4229         | 57    | V-107                | n                    | n         | n         | -   | -  | -  | -   | - | -  |
| 4230         | 57    | V-110                | $\frac{1}{2}$        | 5         | 15        | -   | -  | -  | -   | - | -  |
| 4231         | 57    | V-111                | n                    | n         | n         | -   | -  | -  | -   | - | -  |
| 4232         | 57    | V-114                | 2                    | 14        | 14        | -   | -  | -  | -   | - | -  |
| 4233         | 57    | V-115                | n                    | n         | n         | -   | -  | -  | -   | - | -  |
| 4234         | 57    | V-126                | n                    | <u>14</u> | n         | -   | -  | -  | -   | - | -  |
| 4235         | 57    | V-127                | n                    | n         | n         | -   | -  | -  | -   | - | -  |
| 4236         | 57    | V-130                | n                    | n         | n         | -   | -  | -  | -   | - | -  |
| 4237         | 57    | V-132                | n                    | n         | n         | -   | -  | -  | -   | - | -  |
| 4238         | 57    | V-140                | -                    | -         | n         | -   | -  | -  | -   | - | -  |
| 4239         | 57    | V-161                | 4                    | n         | n         | -   | -  | -  | -   | - | -  |
| 4240         | 57    | V-162                | 13                   | n         | n         | -   | -  | -  | -   | - | -  |
| 4241         | 57    | V-166                | n                    | n         | n         | -   | -  | -  | -   | - | -  |
| 4242         | 57    | V-167                | 1                    | 3         | 4         | 4   | 14 | 4  | n   | n | n  |
| 4243         | 57    | V-168                | 4                    | 6         | 14        | -   | -  | -  | -   | - | -  |
| 4244         | 57    | V-175                | n                    | n         | n         | -   | -  | -  | -   | - | -  |
| 4245         | 57    | V-177                | 2                    | 3         | 9         | -   | -  | -  | -   | - | -  |
| 4246         | 57    | V-183                | n                    | n         | n         | -   | -  | -  | -   | - | -  |
| 4247         | 57    | V-185                | n                    | n         | <u>8</u>  | -   | -  | -  | -   | - | -  |
| 4248         | 57    | V-234                | n                    | n         | n         | -   | -  | -  | -   | - | -  |
| 4249         | 57    | V-247                | n                    | n         | n         | -   | -  | -  | -   | - | -  |
| 4250         | 57    | V-255                | n                    | <u>5</u>  | n         | -   | -  | -  | -   | - | -  |
| 4251         | 57    | V-257                | n                    | <u>13</u> | n         | -   | -  | -  | -   | - | -  |
| 4252         | 57    | V-259                | 5                    | <u>5</u>  | <u>14</u> | -   | -  | -  | -   | - | -  |
| 4253         | 57    | V-268                | 3                    | 1         | 13        | n   | 9  | n  | n   | n | n  |
| 4254         | 57    | V-279                | n                    | n         | n         | -   | -  | -  | -   | - | -  |
| 4255         | 57    | V-288                | n                    | n         | n         | -   | -  | -  | -   | - | -  |
| 4256         | 57    | V-290                | n                    | n         | n         | -   | -  | -  | -   | - | -  |
| 4257         | 57    | V-292                | n                    | n         | n         | -   | -  | -  | -   | - | -  |
| 4258         | 57    | V-293                | n                    | n         | n         | -   | -  | -  | -   | - | -  |

|      |    |        |               |          |           |    |          |    |   |   |   |
|------|----|--------|---------------|----------|-----------|----|----------|----|---|---|---|
| 4259 | 57 | V-299  | n             | n        | n         | -  | -        | -  | - | - | - |
| 4260 | 57 | V-305  | n             | n        | <u>14</u> | -  | -        | -  | - | - | - |
| 4261 | 57 | V-309  | 14            | n        | <u>14</u> | -  | -        | -  | - | - | - |
| 4262 | 57 | V-311  | 2             | 4        | 14        | -  | -        | -  | - | - | - |
| 4263 | 57 | V-313  | n             | n        | n         | -  | -        | -  | - | - | - |
| 4264 | 57 | WC-6   | 1             | 1        | 14        | -  | -        | -  | - | - | - |
| 4265 | 57 | WC-9   | n             | n        | n         | -  | -        | -  | - | - | - |
| 4266 | 57 | WC-11  | 18            | n        | 13        | -  | -        | -  | - | - | - |
| 4267 | 57 | WC-12  | n             | n        | n         | -  | -        | -  | - | - | - |
| 4268 | 57 | WC-13  | n             | n        | n         | -  | -        | -  | - | - | - |
| 4269 | 57 | WC-14  | 2             | 2        | 4         | 2  | 2        | 12 | n | n | n |
| 4270 | 57 | WC-16  | n             | n        | n         | -  | -        | -  | - | - | - |
| 4271 | 57 | WC-26  | n             | n        | n         | -  | -        | -  | - | - | - |
| 4272 | 57 | WC-27  | n             | n        | n         | -  | -        | -  | - | - | - |
| 4273 | 57 | WC-37  | 2             | 14       | 14        | -  | -        | -  | - | - | - |
| 4274 | 57 | WC-39  | n             | n        | n         | -  | -        | -  | - | - | - |
| 4275 | 57 | WC-42  | 1             | 1        | 4         | 2  | 2        | 11 | n | n | n |
| 4276 | 57 | WC-53  | -             | -        | n         | -  | -        | -  | - | - | - |
| 4277 | 57 | WC-62  | n             | n        | n         | -  | -        | -  | - | - | - |
| 4278 | 57 | WC-63  | -             | -        | n         | -  | -        | -  | - | - | - |
| 4279 | 57 | WC-64  | n             | n        | n         | -  | -        | -  | - | - | - |
| 4280 | 57 | WC-65  | n             | n        | n         | -  | -        | -  | - | - | - |
| 4281 | 57 | WC-74  | -             | -        | n         | -  | -        | -  | - | - | - |
| 4282 | 57 | WC-75  | -             | -        | n         | -  | -        | -  | - | - | - |
| 4283 | 57 | WC-76  | 2             | 3        | 9         | -  | -        | -  | - | - | - |
| 4284 | 57 | WC-78  | $\frac{1}{2}$ | 2        | 7         | 3  | 3        | 9  | n | n | n |
| 4285 | 57 | WC-81  | n             | n        | n         | -  | -        | -  | - | - | - |
| 4286 | 57 | WC-86  | n             | n        | n         | -  | -        | -  | - | - | - |
| 4287 | 57 | WC-87  | 2             | 3        | 3         | 12 | ?        | 12 | n | n | n |
| 4288 | 57 | WC-90  | $\frac{1}{2}$ | 2        | 3         | 12 | <u>2</u> | 12 | n | n | n |
| 4289 | 57 | WC-91  | 1             | 2        | 2         | 3  | n        | 12 | n | n | n |
| 4290 | 57 | WC-93  | 2             | <u>4</u> | 12        | -  | -        | -  | - | - | - |
| 4291 | 57 | WC-94  | 2             | 2        | 12        | -  | -        | -  | - | - | - |
| 4292 | 57 | WC-103 | $\frac{1}{2}$ | 3        | 4         | 3  | 12       | 12 | n | n | n |
| 4293 | 57 | WC-104 | 2             | 2        | 7         | 4  | 13       | 13 | n | n | n |
| 4294 | 57 | WC-106 | n             | n        | n         | -  | -        | -  | - | - | - |
| 4295 | 57 | WC-107 | 2             | 3        | 5         | n  | n        | n  | n | n | n |
| 4296 | 57 | WC-125 | 1             | 2        | 4         | 1  | 9        | 14 | n | n | n |

| Rept. No. | Subm. | Subm. Code No. | Concentration in ppm |   |           |     |   |    |     |   |    |
|-----------|-------|----------------|----------------------|---|-----------|-----|---|----|-----|---|----|
|           |       |                | 5.0                  |   |           | 1.0 |   |    | 0.1 |   |    |
|           |       |                | T                    | B | SL        | T   | B | SL | T   | B | SL |
| 4297      | 59    | CP-828         | n                    | n | n         | -   | - | -  | -   | - | -  |
| 4298      | 59    | CP-838         | n                    | n | n         | -   | - | -  | -   | - | -  |
| 4299      | 59    | CP-839         | -                    | - | n         | -   | - | -  | -   | - | -  |
| 4300      | 59    | CP-3882        | n                    | n | n         | -   | - | -  | -   | - | -  |
| 4301      | 59    | CP-4646        | -                    | - | n         | -   | - | -  | -   | - | -  |
| 4302      | 62    | PB-22          | n                    | n | <u>14</u> | -   | - | -  | -   | - | -  |
| 4303      | 63    | O-2570-D       | n                    | n | n         | -   | - | -  | -   | - | -  |
| 4304      | 63    | O-2740-C       | -                    | - | n         | -   | - | -  | -   | - | -  |
| 4305      | 63    | O-2838         | -                    | - | n         | -   | - | -  | -   | - | -  |
| 4306      | 63    | O-2844         | -                    | - | n         | -   | - | -  | -   | - | -  |
| 4307      | 63    | O-3912         | -                    | - | n         | -   | - | -  | -   | - | -  |
| 4308      | 63    | O-4067         | -                    | - | n         | -   | - | -  | -   | - | -  |
| 4309      | 63    | O-4152         | n                    | n | n         | -   | - | -  | -   | - | -  |
| 4310      | 63    | O-4208         | -                    | - | n         | -   | - | -  | -   | - | -  |
| 4311      | 63    | O-4211         | -                    | - | n         | -   | - | -  | -   | - | -  |
| 4312      | 63    | O-4259         | -                    | - | n         | -   | - | -  | -   | - | -  |
| 4313      | 63    | O-4264         | -                    | - | n         | -   | - | -  | -   | - | -  |
| 4314      | 63    | O-4305         | -                    | - | n         | -   | - | -  | -   | - | -  |
| 4315      | 63    | O-4306         | -                    | - | n         | -   | - | -  | -   | - | -  |
| 4316      | 63    | O-4311-1       | -                    | - | n         | -   | - | -  | -   | - | -  |
| 4317      | 63    | O-4311-2       | -                    | - | n         | -   | - | -  | -   | - | -  |
| 4318      | 63    | O-4311-3       | -                    | - | n         | -   | - | -  | -   | - | -  |
| 4319      | 63    | O-4311-5       | -                    | - | n         | -   | - | -  | -   | - | -  |
| 4320      | 63    | O-4311-6       | -                    | - | n         | -   | - | -  | -   | - | -  |
| 4321      | 63    | O-4311-7       | -                    | - | n         | -   | - | -  | -   | - | -  |

|      |    |            |   |   |   |   |   |   |   |   |   |
|------|----|------------|---|---|---|---|---|---|---|---|---|
| 4322 | 63 | O-4334     | - | - | n | - | - | - | - | - | - |
| 4323 | 63 | O-4342     | - | - | n | - | - | - | - | - | - |
| 4324 | 63 | O-4387     | - | - | n | - | - | - | - | - | - |
| 4325 | 63 | O-4398     | - | - | n | - | - | - | - | - | - |
| 4326 | 63 | O-4401     | - | - | n | - | - | - | - | - | - |
| 4327 | 63 | O-4465-A   | - | - | n | - | - | - | - | - | - |
| 4328 | 63 | O-4465-B   | - | - | n | - | - | - | - | - | - |
| 4329 | 63 | O-4478-D   | n | n | n | - | - | - | - | - | - |
| 4330 | 63 | O-4491     | - | - | n | - | - | - | - | - | - |
| 4331 | 63 | O-4586     | - | - | n | - | - | - | - | - | - |
| 4332 | 63 | O-4605     | - | - | n | - | - | - | - | - | - |
| 4333 | 63 | O-4758-II  | - | - | n | - | - | - | - | - | - |
| 4334 | 63 | O-4758-III | - | - | n | - | - | - | - | - | - |
| 4335 | 63 | O-5109     | - | - | n | - | - | - | - | - | - |
| 4336 | 63 | O-5252     | - | - | n | - | - | - | - | - | - |
| 4337 | 63 | O-5287     | - | - | n | - | - | - | - | - | - |
| 4338 | 63 | O-5310     | - | - | n | - | - | - | - | - | - |
| 4339 | 63 | O-5349     | - | - | n | - | - | - | - | - | - |
| 4340 | 63 | O-5357-I   | - | - | n | - | - | - | - | - | - |
| 4341 | 63 | O-5385     | - | - | n | - | - | - | - | - | - |
| 4342 | 63 | O-5483     | - | - | n | - | - | - | - | - | - |
| 4343 | 63 | O-5560     | - | - | n | - | - | - | - | - | - |
| 4344 | 63 | O-5582-C   | - | - | n | - | - | - | - | - | - |
| 4345 | 63 | O-5582-H   | - | - | n | - | - | - | - | - | - |
| 4346 | 63 | O-5582-O   | - | - | n | - | - | - | - | - | - |



TABLE 3. Index of trade names of commercial products which are listed under systematic names in Table 1.

| Trade name                     | Subm. | Rept. No(s). |
|--------------------------------|-------|--------------|
| Actamer                        | (59)  | 2876         |
| AD-IT                          | (34)  | 2465         |
| Alanap-1                       | (55)  | 2989         |
| Alanap-3                       | (55)  | 2990         |
| Ammonyx DME                    | (18)  | 287          |
| Armeen C                       | (11)  | 1194         |
| Armeen 8                       | (11)  | 2572         |
| Armeen 10                      | (11)  | 1361         |
| Armeen 12                      | (11)  | 1454         |
| Arneel C                       | (11)  | 1195         |
| Arneel 8 D                     | (11)  | 2546         |
| Arneel 10                      | (11)  | 1348         |
| Aroclor 1242                   | (58)  | 858          |
| Aroclor 1248                   | (58)  | 859          |
| Aroclor 1254                   | (58)  | 860          |
| Aroclor 1260                   | (58)  | 861          |
| Arquad 12                      | (11)  | 290          |
| Arquad 16                      | (11)  | 291          |
| Blueberry Dust                 | (50)  | 987, 1201    |
| BTC                            | (18)  | 267          |
| BTC-471                        | (18)  | 270          |
| BTC-824                        | (18)  | 266          |
| BTC-927                        | (18)  | 269          |
| Chipman 6# Livestock Spray     | (33)  | 3792         |
| Chipman 20% Dust               | (33)  | 3793         |
| Chipman 40% Spray Powder       | (33)  | 3794         |
| Chlordane                      | (28)  | 1457         |
| (See also: Rept. Nos. 1170-73) |       |              |
| DDT                            | (46)  | 1570         |
| Dichlorobisphenol A            | (54)  | 866          |
| Dilan                          | (42)  | 2632         |
| DN Dry Mix No.1                | (28)  | 2785         |
| DN Dry Mix No.2                | (28)  | 1227         |
| Dow Defoliant                  | (28)  | 66           |
| Dow General Weed Killer        | (28)  | 2747         |
| Dowicide A                     | (28)  | 2868         |
| Dowicide G                     | (28)  | 2863         |
| Dowicide 2                     | (28)  | 2878         |
| Dowicide 2S                    | (28)  | 2879         |
| Dowicide 6                     | (28)  | 2871         |
| Dowicide 31                    | (28)  | 2782         |
| Duomeen C                      | (11)  | 3103         |
| Duomeen 12                     | (11)  | 3107         |

TABLE 3. (Continued)

| Trade names                | Subm.            | Rept. No(s). |
|----------------------------|------------------|--------------|
| Emulsept                   | (51)             | 3283         |
| Fish-Tox                   | (3)              | 3419         |
| Isothan DL-1               | (18)             | 286          |
| Isothan Q-15               | (18)             | 2127         |
| Lindane                    | (25, 36, 39, 42) | 1264 to 1266 |
| Naphthenic acid D          | (8)              | 2462         |
| Noxfish                    | (2)              | 3418         |
| Nuodex Mercury             | (34)             | 2464         |
| Nuodex PMO 10              | (34)             | 2597         |
| Onyxide                    | (18)             | 288          |
| Phygon Technical           | (55)             | 2491         |
| Phygon-XL                  | (55)             | 2490         |
| Pluronic F-68              | (63)             | 2593, 2594   |
| (See also: Rept. No. 3051) |                  |              |
| PMAS                       | (24)             | 143          |
| Polyrad 1100 salt          | (1)              | 114          |
| Polyrad 2000 salt          | (1)              | 115          |
| Ryanicide 100              | (2)              | 3421         |
| Sindar G-11                | (19)             | 1515         |
| Sorbit AC                  | (14)             | 2454         |
| Sorbit P                   | (14)             | 2455         |
| Spergon                    | (55)             | 767          |
| SUPER AD-IT                | (34)             | 3506         |
| Systox                     | (23)             | 2981         |
| Tarophen CNB 33            | (28)             | 499          |
| Tetrosan                   | (18)             | 268          |
| Tolane                     | (58)             | 211          |
| Vancide 51                 | (38)             | 772          |
| Vancide 76                 | (38)             | 1022         |
| Weedex                     | (16)             | 3459         |

TABLE 4. Numerical list of sources of compounds.

[Private companies, public agencies, and individuals who supplied the compounds used in screening tests are listed in order by the identifying number assigned to each. These identifying numbers are utilized in Tables 1 and 2 in the columns headed "Subm. "].

- |   |  |
|---|--|
| (1) Naval Stores Department<br>Hercules Powder Company<br>Wilmington 99, Delaware   | (14) Geigy Industrial Chemicals<br>Geigy Chemical Corporation<br>89 Barclay Street<br>New York 8, New York                               |
| (2) Research Division<br>S. B. Penick & Company<br>999 West Side Avenue<br>Jersey City 6, New Jersey                                      | (15) Government Contracts and Sales<br>Mallinckrodt Chemical Works<br>Second and Mallinckrodt Streets<br>St. Louis 7, Missouri           |
| (3) Vis-Ko, Incorporated<br>Sumner, Washington  | (16) James Good Company<br>Susquehanna Avenue & Martha<br>Street<br>Philadelphia 25, Pennsylvania  |
| (4) Research Laboratory<br>Geigy Agricultural Chemicals<br>Geigy Chemical Corporation<br>62 West Second Street<br>Bayonne, New Jersey     | (17) Technical Service Department<br>Chas. Pfizer and Company, Inc.<br>630 Flushing Avenue<br>Brooklyn 6, New York                       |
| (6) Technical Service Department<br>Davison Chemical Company<br>Baltimore 3, Maryland   | (18) Research and Development<br>Laboratories<br>Onyx Oil and Chemical Company<br>Warren and Morris Streets<br>Jersey City 2, New Jersey |
| (7) Product Development Department<br>Solvay Process Division<br>Allied Chemical & Dye Corporation<br>61 Broadway<br>New York 6, New York | (19) Sindar Corporation<br>330 West 42nd Street<br>New York 36, New York   |
| (8) Oronite Chemical Company<br>3508 Carew Tower<br>Cincinnati 2, Ohio  | (21) Coahoma Chemical Company, Inc.<br>P. O. Box 728<br>Clarksdale, Mississippi  |
| (9) Research Department<br>Ozark-Mahoning Company<br>Tulsa 1, Oklahoma  | (23) Chemagro Corporation<br>101 Park Avenue<br>New York 17, New York  |
| (11) The Market Development Department<br>Armour Chemical Division<br>Armour and Company<br>1355 West 31st Street<br>Chicago 9, Illinois  | (24) W. A. Cleary Corporation<br>New Brunswick, New Jersey   |
| (12) General Sales Offices<br>Sumner Chemical Company, Inc.<br>6 East 45th Street<br>New York 17, New York                                | (25) The Chemical-Biological Coordination<br>Center<br>National Research Council<br>2101 Constitution Avenue<br>Washington 25, D. C.     |

TABLE 4. (Continued)

- (26) Sharples Chemicals Division  
Pennsylvania Salt Manufacturing  
Company  
Three Penn Center Plaza  
Philadelphia 2, Pennsylvania
- (27) Battelle Memorial Institute  
505 King Avenue  
Columbus 1, Ohio
- (28) Biochemical Research Department  
The Dow Chemical Company  
Midland, Michigan
- (29) (Restricted)
- (30) Agricultural Research Division  
Shell Development Company  
P. O. Box 1531  
Modesto, California
- (31) Heyden Chemical Corporation  
Garfield, New Jersey
- (32) Cincinnati Division  
Toms River - Cincinnati Chemical  
Corporation  
Evanston Station  
Cincinnati, Ohio
- (33) Research Division  
Chipman Chemical Company, Inc.  
Bound Brook, New Jersey
- (34) Microbiological Laboratory  
Nuodex Products Company, Inc.  
Elizabeth, New Jersey
- (35) Product Development Department  
Shell Development Company  
Emeryville, California
- (36) Ethyl Corporation  
100 Park Ave. Bldg. at 41st Street  
New York 17, New York
- (38) R. T. Vanderbilt Company  
230 Park Avenue  
New York 17, New York
- (39) Research Department  
Commercial Solvents Corporation  
Terre Haute, Indiana
- (40) Southern Chemical Division  
The Glidden Company  
P. O. Box 389  
Jacksonville 1, Florida
- (42) Field Laboratory  
California Spray-Chemical  
Corporation  
P. O. Box 120  
Haddonfield, New Jersey
- (43) Niagara Chemical Division  
Food Machinery & Chemical  
Corporation  
Middleport, New York
- (44) Agricultural Research Division  
Shell Development Company  
P. O. Box 2171  
Denver 1, Colorado
- (45) Naval Stores Research Section  
Southern Utilization Research Branch  
Agricultural Research Service  
U. S. Dept. of Agriculture  
Naval Stores Station  
OluStee, Florida
- (46) Dr. W. T. Sumerford  
Director, Pharmaceutical Chemistry  
Research Laboratories  
Mead Johnson and Co.  
Evansville, 21, Indiana
- (47) Process Research Department  
Chemical Division  
Merck and Company, Inc.  
Rahway, New Jersey
- (48) Chemical Control Department  
The American Agricultural Chemical  
Company  
50 Church Street  
New York 7, New York

TABLE 4. (Continued)

- (49) Research Department  
Ringwood Chemical Corporation  
Woodstock, Illinois
- (50) Department of Entomology  
University of Maine  
Orono, Maine
- (51) Emulsol Chemical Corporation  
59 East Madison Street  
Chicago 3, Illinois
- (52) Hydraulic and Sanitary Laboratory  
College of Engineering  
University of Wisconsin  
Madison, Wisconsin
- (53) Department of Botany and Plant  
Pathology  
Colorado Agricultural and Mechanical  
College  
Fort Collins, Colorado
- (54) Research Laboratory  
Columbia-Southern Chemical  
Corporation  
Barberton, Ohio
- (55) Agricultural Chemicals Development  
Naugatuck Chemical  
Bethany 15, Connecticut
- (56) Technical Division  
Pennsylvania Salt Manufacturing  
Company  
Box 4388  
Philadelphia 18, Pennsylvania
- (57) Research Laboratories  
Rohm and Haas Company  
5000 Richmond Street  
Philadelphia 37, Pennsylvania
- (58) Entomology Research Branch  
Agricultural Research Service  
United States Department of  
Agriculture  
P. O. Box 3391  
Orlando, Florida
- (59) Development Department  
Organic Chemicals Division  
Monsanto Chemical Company  
800 North 12th Boulevard  
St. Louis 1, Missouri
- (60) Velsicol Chemical Corporation  
330 East Grand Avenue  
Chicago 11, Illinois
- (62) Doe Run Plant  
Olin Mathieson Chemical Corporation  
P. O. Box 547  
Brandenburg, Kentucky
- (63) Research and Engineering Division  
Wyandotte Chemicals Corporation  
Wyandotte, Michigan
- (64) New Product Development Department  
American Cyanamid Company  
30 Rockefeller Plaza  
New York 20, New York
- (65) Agricultural Chemicals  
Research Laboratory  
General Chemical Division  
Allied Chemical & Dye Corporation  
P. O. Box 405  
Morristown, New Jersey
- (66) Research Division  
Dr. Salsbury's Laboratories  
Charles City, Iowa
- (67) Division of Industrial Chemistry  
Commonwealth Scientific and Industrial  
Research Organization  
Box 4331, G. P. O.,  
Melbourne, Victoria, Australia
- (68) Eastman Organic Chemicals Department  
Distillation Products Industries  
Rochester 3, New York
- (69) Biochemicals - Development  
B. F. Goodrich Chemical Company  
Rose Bldg.  
2060 East Ninth Street  
Cleveland 15, Ohio

TABLE 5. Alphabetical list of sources of compounds.

| <u>Submitter's name</u>   | <u>Submitter's number</u> |
|---|---------------------------|
| Allied Chemical and Dye Corporation,<br>General Chemical Division                                 | (65)                      |
| Solvay Process Division   | (7)                       |
| American Agricultural Chemical Company, The   | (48)                      |
| American Cyanamid Company   | (64)                      |
| Armour and Company,<br>Armour Chemical Division   | (11)                      |
| Battelle Memorial Institute   | (27)                      |
| California Spray-Chemical Corporation   | (42)                      |
| Chemagro Corporation  | (23)                      |
| Chemical-Biological Coordination Center, The  | (25)                      |
| Chipman Chemical Company, Inc.  | (33)                      |
| W. A. Cleary Corporation  | (24)                      |
| Coahoma Chemical Company, Inc.  | (21)                      |
| Colorado Agricultural and Mechanical College,<br>Department of Botany and Plant Pathology         | (53)                      |
| Columbia-Southern Chemical Corporation  | (54)                      |
| Commercial Solvents Corporation   | (39)                      |
| Commonwealth Scientific and Industrial Research Organization,<br>Division of Industrial Chemistry | (67)                      |
| Davison Chemical Company  | (6)                       |
| Distillation Products Industries  | (68)                      |
| Dow Chemical Company, The   | (28)                      |
| Emulsol Chemical Corporation  | (51)                      |
| Ethyl Corporation   | (36)                      |
| Food Machinery and Chemical Corporation,<br>Niagara Chemical Division                             | (43)                      |

TABLE 5. (Continued)

| <u>Submitter's name</u>   | <u>Submitter's number</u> |
|---|---------------------------|
| Geigy Chemical Corporation,<br>Geigy Agricultural Chemicals             | (4)                       |
| Geigy Industrial Chemicals  | (14)                      |
| Glidden Company, The,<br>Southern Chemical Division                     | (40)                      |
| B. F. Goodrich Chemical Company   | (69)                      |
| Hercules Powder Company   | (1)                       |
| Heyden Chemical Company   | (31)                      |
| James Good Company  | (16)                      |
| Mallinckrodt Chemical Works   | (15)                      |
| Merck and Company,<br>Chemical Division                                 | (47)                      |
| Monsanto Chemical Company,<br>Organic Chemicals Division                | (59)                      |
| National Research Council   | (25)                      |
| Naugatuck Chemical  | (55)                      |
| Nuodex Products Company, Inc.   | (34)                      |
| Olin Mathieson Chemical Corporation                                     | (62)                      |
| Onyx Oil and Chemical Company   | (18)                      |
| Oronite Chemical Company  | (8)                       |
| Ozark-Mahoning Company  | (9)                       |
| S. B. Penick and Company  | (2)                       |
| Pennsylvania Salt Manufacturing Company,<br>Sharples Chemicals Division | (26)                      |
| Technical Division  | (56)                      |
| Chas. Pfizer and Company, Inc.  | (17)                      |
| Ringwood Chemical Corporation   | (49)                      |
| Rohm and Haas Company   | (57)                      |

TABLE 5. (Continued)

| Submitter's name   | Submitter's number   |
|--|----------------------|
| Dr. Salsbury's Laboratories  | (66)                 |
| Shell Development Company,<br>Agricultural Research Division (Modesto, Cal.)<br>Agricultural Research Division (Denver, Colo.)<br>Product Development Department | (30)<br>(44)<br>(35) |
| Sindar Corporation   | (19)                 |
| Sumerford, Dr. W. T.   | (46)                 |
| Sumner Chemical Company, Inc.  | (12)                 |
| Toms River - Cincinnati Chemical Corporation   | (32)                 |
| United States Department of Agriculture,<br>Agricultural Research Service,<br>Entomology Research Branch<br>Southern Utilization Research Branch                 | (58)<br>(45)         |
| University of Maine,<br>Department of Entomology   | (50)                 |
| University of Wisconsin,<br>Hydraulic and Sanitary Laboratory  | (52)                 |
| R. T. Vanderbilt Company   | (38)                 |
| Velsicol Chemical Corporation  | (60)                 |
| Vis-Ko, Incorporated   | (3)                  |
| Wyandotte Chemicals Corporation,<br>Research and Engineering Division  | (63)                 |