



# ONTARIO GUIDELINES FOR CLASSIFICATION OF PESTICIDE PRODUCTS

PESTICIDES ADVISORY COMMITTEE

MAY 1990

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ONTARIO GUIDELINES FOR CLASSIFICATION  
OF PESTICIDE PRODUCTS

Report prepared by:  
Ontario Pesticide Advisory Committee

MAY 1990



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May 1990

**ONTARIO GUIDELINES FOR**  
**CLASSIFICATION OF PESTICIDES PRODUCTS**

Ontario's Pesticides Act and Regulation 751, administered by the Ministry of the Environment, prohibits the sale and use of a pesticide product unless it is registered under the federal Pest Control Products Act and classified in one of the schedules of the Ontario Regulation; or is exempt from classification.

Pesticide products are classified into six schedules in Regulation 751 on the basis of their toxicity, environmental or health hazard, persistence of the active ingredient or its metabolites, concentration, usage, federal class and registration status. This classification system provides the basis for regulating the distribution, availability and use of pesticide products in Ontario.

Products initially recommended for classification are usually first given "interim status" (ref s 20 (1) of the Regulations). These products are **proposed** by the Minister for inclusion in a schedule to Regulation 751, and the **proposal** is published in The Ontario Gazette. Under the Regulations, an interim status product has virtually the same status as a fully classified product, as to its sale, transport, and use.

"Interim status" continues for 18 months or less, during which time a review is made, and a recommendation as to continuation in "interim status" for another period, removal from classification, or change in status to "full" classification.

The review of "interim status" products classified over the previous 12 months is conducted in the fall of the year, in time to enter products as "full" classification at the year end Regulation change. Registrants may be asked to provide additional information to assist in this review. The product can then be included by the Minister in a schedule to Regulation 751 and published in The Ontario Gazette. A list of products having "full" provincial status is also published by the Hazardous Contaminants Co-Ordination Branch in a book entitled Index of Agent Codes, which is revised annually.

The procedure followed in classifying new pesticide products is as follows:

1. Registrants are required to provide the Ontario Pesticides Advisory Committee with a completed and signed

application form for classification, the federal certificate of registration, approved label and supporting information.

All applications for classification must be submitted to the Chairman, Ontario Pesticides Advisory Committee, Ministry of the Environment.

2. The Committee meets monthly and routinely recommends how a product should be classified. The Minister makes the final decision on product classification.

Notice of proposed scheduling of products that have been approved by the Minister of the Environment will be regularly published in The Ontario Gazette as "interim status" products.

The Pesticides Advisory Committee does not advise the applicant of its recommendation to the Minister nor of his decision. Notification of classification (ie publication in The Ontario Gazette) is made by the Hazardous Contaminants Co-ordination Branch through letter to the registrant.

3. Once the notice has been published in the Ontario Gazette, a pesticide product can be legally sold, used, stored, displayed or transported provided it is treated as being in the schedule specified in the notice. It normally takes 7-13 weeks from the time the Committee receives a submission to the date the Minister's decision is gazetted.
4. The "interim status" of products remains in effect until:
  - a. the product is placed in a schedule to Regulation 751 by a regulatory amendment.
  - b. eighteen months have passed since the listing was published in The Ontario Gazette; or
  - c. a revocation of the listing is published in The Ontario Gazette;
5. The "interim status" of a product will be reviewed within eighteen months of publication in The Ontario Gazette and the product will be considered for placement in one of the six schedules to Regulation 751.
6. A product which has been placed in a schedule to Regulation 751 retains this classification (ie has "full"

classification) until changed or revoked.

Where a classified product is transferred (viz change in registrant or agent), renamed, granted expanded registered uses, or has otherwise been amended, contact the Pesticides Section of the Ministry regarding procedure to have these changes recorded. This may also apply to packaging and formulation changes.

**SOURCES OF INFORMATION ON THE SCHEDULE  
OF A PESTICIDE**

For information concerning pesticides and their classification or use, please contact:

**The Pesticides Section,  
Hazardous Contaminants Co-ordination Branch,  
Ministry of the Environment,  
Suite 100, 135 St. Clair Avenue West,  
Toronto, Ontario, M4V 1P5,**

**Telephone: (416-323-5095)**

**CLASSIFICATION CRITERIA FOR  
FEDERALLY REGISTERED PRODUCTS**

A pesticide product cannot be classified in Ontario without being federally registered. Proof of registration is the certificate of registration.

Under the Pest Control Products Act, a product may be identified on the front panel of the approved label as Domestic, Industrial, Agricultural, Manufacturing Concentrate, etc; these are federal classes. The Pesticides Advisory Committee will consider the federal class of the product in its review of the submission for classification but there is no direct correlation between the federal class of a product and the provincial schedules. The Pesticides Act allows Ontario to be more restrictive than the federal government, but not less restrictive.

**CLASSIFICATION CRITERIA FOR PRODUCTS CLASSIFIED  
"RESTRICTED" UNDER THE PEST CONTROL PRODUCTS ACT**

Where a pesticide product is submitted for classification under the Pesticides Act, and contains an active ingredient or a mixture of active ingredients acceptable under Schedule 3 or 6 but carries a federal label exclusively "Restricted" under The PCP Act, that product will be classified in a schedule no less restrictive than Schedule 2.

**CLASSIFICATION CRITERIA FOR PRODUCTS GRANTED  
TEMPORARY REGISTRATION UNDER THE PCP ACT**

Where a product is submitted for classification under the Pesticides Act, and the end use formulation and/or the technical active ingredient have a federal registration that is temporary, that product will be normally classified in no less restrictive a schedule than Schedule 2. Where the information required by the federal authorities is exclusively efficacy, a more lenient schedule may be considered.

**EXEMPTIONS FROM CLASSIFICATION**  
**UNDER THE PESTICIDES ACT**

Section 108(1) of the Regulations exempts from Ontario classification mechanical devices that do not utilize a scheduled pesticide or other chemical.

Section 108(2) of the Regulations exempts from Ontario classification some federally registered pesticide products which are used solely in the extermination of microorganisms. The Pesticides Advisory Committee may consider whether a product of this type should be classified. In the event a registrant is unsure a product is exempt, application for classification may be filed.

The requirement for classification as set out in section 21 of the Regulations applies to pesticides used in exterminations and not to pesticides used for other purposes, such as manufacturing processes. In addition the pesticide must first be registered under the federal Pest Control Product Act; therefore some items containing pesticides but which are not considered to be pesticides themselves such as paints, some soaps, wallpaper adhesives, etc are not subject to classification.

**REVIEW OF PREVIOUSLY CLASSIFIED PESTICIDE PRODUCTS**

Technical active ingredients and end-use products are reviewed from time to time as additional scientific and technical information become available. During such reviews manufacturers may be requested to provide additional information on a technical active ingredient or end-use product. Reclassification of end-use products to more restrictive or less restrictive schedules may result, or they may remain in their original schedules. Where a Registrant desires a product review for the purpose of reclassification an application for classification must be provided with an explanation under Item 24 that this product is already scheduled but reconsideration is requested. Pertinent support documentation should accompany the application.

#### REMOVAL FROM CLASSIFICATION

Maintenance of a product in an Ontario schedule, for legal sale and use is related to the federal registration status. Agriculture Canada may remove a product from registration through cancellation, suspension, discontinuation and non-eligibility for renewal at the next renewal period (every 5 years). In response to such a federal action, or on the basis of provincial concerns, the Minister may take action to remove the product from a schedule. He may also ask the registrant to recall stock at the wholesale and retail levels or maintain a product in a schedule for a period of time after federal action to allow the retail and consumer supplies to become exhausted (provided federal action permits).

Where Ontario proposes to declassify a product in such circumstances, registrants are notified and provided an opportunity to comment within a 2-3 week period. Where the registrant has been alerted that declassification is proposed and plans to reinstate registration at the federal level, Ontario will remove the product from the schedule until the federal requirements are satisfied, and an application for classification is processed.

### SCHEDULES

#### Schedule 1

Pesticides \* in this schedule can only be used under the authority of a licence and permit unless exempt. Sale of Schedule 1 pesticides is allowed only through wholesale vendors and holders of Class 1 retail vendor licences. A record must be kept of each sale.

Schedule 1 includes: Pesticides that pose a serious hazard to human health and/or the environment. For example:-

- a) pesticides that are persistent and/or give rise to persistent metabolites that produce undesirable side effects on humans or other nontarget organisms either by acute or chronic toxicity.
- b) pesticides exhibiting acute oral LD<sub>50</sub> values for formulated product of less than 50 mg/kg body weight.
- c) pesticides exhibiting acute dermal LD<sub>50</sub> values for formulated product of less than 100 mg/kg body weight.
- d) pesticides which through their mode of action may inflict unnecessary suffering to pest vertebrate animals.

\* The term pesticides includes technical active ingredients, manufacturing concentrates and enduse formulations.

## Schedule 2

Pesticides in this schedule are restricted to use by agriculturists, licensed exterminators and registered custom sprayers. Sales are permitted through wholesale vendors and holders of Class 1 and Class 2 retail vendor licences. Sales records must be kept.

Schedule 2 includes: Pesticides that pose a hazard to human health and/or the environment. For example:-

- a) pesticides that are moderately persistent in the environment (biologically active for greater than 1 season) or have a potential to move from the site of application either thorough leaching or volatilization.
- b) pesticides exhibiting acute oral LD<sub>50</sub> values for formulated product of greater than 50 mg/kg; but less than 500 mg/kg body weight.
- c) pesticides exhibiting acute dermal LD<sub>50</sub> values for formulated product of less than 1000 mg/kg body weight.
- d) pesticides that are registered for direct application to forests, and/or aquatic habitats.

### Schedule 3

Pesticides in this schedule are available to agriculturists, licensed exterminators, registered custom sprayers and the general public in accordance with uses described on the product labels. Sales are permitted through wholesale vendors and holders of Class 1, Class 2 or Class 3 retail vendor licences. Sales records are not required.

Schedule 3 includes: Pesticides which are minimally hazardous to human health and/or the environment if used according to recommended procedure.

Pesticides in Schedule 3 do not pose a problem when containers are disposed of in municipal garbage. Products having an Agricultural, Industrial, or Domestic federal classification may be placed in this schedule. For example:-

- a) organic pesticides that are short-lived and do not produce hazardous metabolites.
- b) those inorganic pesticides that present a minimal environmental hazard.
- c) pesticides exhibiting acute oral LD<sub>50</sub> values for formulated product of greater than 500 mg/kg; but less than 5000 mg/kg body weight.
- d) pesticides exhibiting acute dermal LD<sub>50</sub> values for formulated product of less than 10,000 mg/kg body weight.

#### Schedule 4

Pesticides in this schedule are those that can safely be handled by any type of retail outlet. Wholesalers are required to have a wholesale vendor licence or a limited wholesale vendor licence but no vendor licence is required at the retail level.

Schedule 4 includes: Pesticides that are relatively innocuous to human health and/or the environment.

Pesticides in Schedule 4 must carry a federal Domestic class. The maximum package content must not exceed 1 kilogram (weight) or 1 litre (volume). **All containers must be inspected and approved** by the Pesticides Advisory Committee. (See packaging guidelines, Table 3). For example:-

- a) pesticides that are formulated in very low concentrations and exhibit acute oral LD<sub>50</sub> values for formulated product of greater than 5000 mg/kg body weight, and acute dermal LD<sub>50</sub> values of greater than 10,000 mg/kg body weight.

#### Schedule 5

Pesticides in this schedule are limited to agricultural use, and are restricted to use by agriculturists, appropriately licensed land exterminators, or registered custom sprayers. Sales are permitted only through wholesale vendors and holders of Class 1 retail vendor licences. A record must be kept of each sale.

Schedule 5 includes: Pesticides that pose a serious hazard to human health and/or the environment.

Products in Schedule 5 have federal classes of Commercial, Agricultural or Restricted, and would normally be scheduled in Schedule 1, but for the lack of effective and less hazardous alternatives. For example:-

- a) pesticide exhibiting acute oral  $LD_{50}$  values for formulated product of less than 50 mg/kg body weight.
- b) pesticides exhibiting acute dermal  $LD_{50}$  values for formulated product of less than 100 mg/kg body weight.
- c) formulated products that have high inhalation toxicities at normal temperatures.

#### Schedule 6

Pesticides in this schedule are of similar formulation (same actives, same concentrations) to those in Schedule 4, but are sold in containers larger than 1 kilogram in weight or 1 litre in volume. Sale of Schedule 6 pesticides may be made by holders of wholesale or limited wholesale vendor licences, and by holders of Class 1, Class 2 or Class 3 retail vendor licences. Sales records are not required.

Schedule 6 includes: Pesticides that are relatively innocuous to human health and/or the environment and carry federally approved Agricultural, Industrial, Commercial or Domestic labels.

Schedule 6 pesticides include products packaged in sizes greater than 1 kilogram (weight) or 1 litre (volume) or do not meet the Schedule 4 container packaging guidelines.

#### APPLICATIONS FOR CLASSIFICATION OF NEW PESTICIDE PRODUCTS

All applications for classification must be submitted to the:

**Chairman  
Ontario Pesticides Advisory Committee  
Ministry of the Environment  
Suite 100, 135 St.Clair Avenue West  
Toronto, Ontario  
M4V 1P5**

A sample application for classification follows.

If any of the information required to complete the application form is not available, the applicant should contact the Pesticides Advisory Committee.



## Instruction for Application for Pesticide Classification

### Type or print clearly.

1. **TRADE NAME** - The name as on the federal certificate of registration.
2. **TYPE** - insecticide, herbicide, rodenticide, as on the federal certificate of registration.
3. **FORMULATION** - Emulsifiable concentrate, wettable powder, solution, granular, etc., as on the Agriculture Canada, Product Specification form.
4. **ACTIVE INGREDIENT** - The ISO accepted common name for the active ingredient.
5. **A.I. CODE** - The three letter code assigned to the active ingredient by Agriculture Canada.
6. **GUARANTEE** - On the approved label, as g/L or percentage.
7. **REGISTRANT** - The three letter code, the full company name, address and postal code as on the certificate of registration.
8. **AGENT** - The three letter code, the full company name, address and postal code as on the federal certificate of registration.
9. **APPLICANT** - Name and address of company or person applying for classification if other than the registrant or Canadian agent.
10. **PCP #** - The registration number granted under the federal Pest Control Products Act.
11. **EXPIRY DATE** - As on the federal certificate of registration, and **TEMPORARY**, if applicable.
12. **FEDERAL CLASSIFICATION** - Domestic agricultural, industrial, restricted, manufacturing concentrate, etc., as on the approved label.
13. **USE AREA** - Crops or other uses for which the product is registered, i.e., cats and dogs; cereals; in and around poultry houses, etc.
14. **PEST** - The target pests per the approved label.
15. For products registered federally under the **PRIVATE LABEL** system, complete as indicated.
16. **PRODUCT CHEMISTRY** - Include information on composition, storage stability, safety precautions, decontamination procedures, and emergency procedures. Material Safety Data Sheets (MSDS) or Workman Hazardous Material Information System summary sheets (WHMIS) may be appended, in lieu of completing this section. For formulated products, it should be specifically stated whether or not the product contains chlorinated fluorocarbons (CFCs) or methylene chloride.
17. **TYPE AND SIZE OF CONTAINER** - Describe ALL sizes and types. Sample containers must be provided for products for which schedule 4 is requested.

18. **FORMULATION TOXICOLOGY** - Summary of the toxicology of the exact product proposed for classification, including acute effects. If none, submit information on the technical or intermediate/concentrate from which the product is made. Substitute information should be clearly identified as such. The value of the reports should be accurate, i.e., Acute oral LD 50 rats = 3,600 mg/kg; acute inhalation LC 50 (4 hrs.) rats = 3.6 ml/L air (equivalent to 56 g/L a.i.), etc.
19. **ENVIRONMENTAL CHEMISTRY** - Summary of the fate of product in the environment. If unavailable, explain.
20. **ENVIRONMENTAL TOXICOLOGY** - Summary of the fish and wildlife toxicology studies conducted with the formulated product. If unavailable, explain.
21. **SOURCE** - Reference for information in items 18, 19, 20.
22. **FOOD RESIDUES** - The residue levels (and units) permitted by Health and Welfare Canada for each food crop on the label.
23. **ANALYTICAL METHOD** - Brief description of the method of residue analysis and level of sensitivity.
24. **COMMENT** - Describe the schedule requested, and other information that may be pertinent, i.e. references to other products containing the same formulation already classified.

**APPLICANT'S SIGNATURE** - An authorized signing officer must sign the declaration certifying that the information provided is true and complete.

### IMPORTANT - THE FOLLOWING MUST BE SUBMITTED:

- A) Supporting documentation: MSDS; summaries of product specific toxicology, and where necessary, authorization for use, source and copies of external (third party) information supporting the registration. This applies especially to items 18, 19 and 20.  
  
For end use products that contain a newly registered active ingredient, information is to be provided in accordance with Table 1 on the Ontario Guidelines for Classification of Pesticide Products.  
  
For pesticide/fertilizer products, information should be provided in accordance with Table 2 of the above guidelines.
- B) Reasons for registration category if federal class is restricted, or the federal status is temporary.
- C) **Five (5) copies of the FEDERALLY APPROVED LABEL**
- D) **A COPY OF THE CERTIFICATE OF REGISTRATION MUST BE INCLUDED WITH THIS APPLICATION.**

Return application to:

**ONTARIO PESTICIDES ADVISORY COMMITTEE  
MINISTRY OF THE ENVIRONMENT  
SUITE 100, 135 ST. CLAIR AVENUE WEST  
TORONTO, ONTARIO  
M4V 1P5**



Ministry  
of the  
Environment

Ministère  
de  
l'Environnement

## Application for Pesticide Classification

Under the Pesticide Act,  
Revised Statute of Ontario 1980, and Regulations

Type or print clearly

1. Trade Name:

2. Type:

3. Formulation:

4. Active Ingredient:

5. A.I. Code:

6. Guarantee:

|       |       |       |
|-------|-------|-------|
| _____ | _____ | _____ |
| _____ | _____ | _____ |
| _____ | _____ | _____ |
| _____ | _____ | _____ |
| _____ | _____ | _____ |
| _____ | _____ | _____ |

7. Registrant:

8. Agent:

9. Applicant (if different from above):

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

10. PCP No.:

11. Expiry Date:

12. Federal Classification:

13. Use Area:

14. Pest:

15. FOR PRIVATE LABEL REGISTRATIONS:

Initial Registrant:

Initial Product Name:

Initial Product PCP#:

16. Product Chemistry:

This product contains CFCs

☐ No ☐ Yes

This product contains methylene chloride

☐ No ☐ Yes

17. Type and Size of Container:

18. Formulation Toxicology:

19. Environmental Chemistry:

20. Environmental Toxicology:

21. Source:

The above information is in a generic data package already submitted to OPAC.

Source of package \_\_\_\_\_

Specific References \_\_\_\_\_  
(attach written authorization for access)

22. Food Residues: (MRLs - maximum residue levels - as determined by Health and Welfare Canada):

23. Analytical Method:

24. Comment:

The Committee reserves the right to request additional data on the active ingredient/s or other constituents in the products.

In compliance with the Ontario Pesticides Act, application is hereby made for classification of a pesticide as outlined on this application and supporting documentation. It is certified that the information is true and complete.

**Applicant's Signature:**

Print Name:

Company Name:

Date:

### For Ministry Use

|               |      |               |          |
|---------------|------|---------------|----------|
| A.I. Ranking: | Code | Concentration | Schedule |
|---------------|------|---------------|----------|

Comment:

Suggested Schedules

Number

Rationale

a.

b.

c.

OPAC Recommendation:

Date:

TABLE 1.

**SCIENTIFIC AND/OR TECHNICAL INFORMATION REQUIRED FOR A NEW  
TECHNICAL ACTIVE INGREDIENT TO SUPPORT CLASSIFICATION OF THE  
END-USE PRODUCT**

Please provide three copies of the following:

1. Name and address of manufacturer.
2. Name and address of registrant (if different from above).
3. Name and address of Canadian Agent (if applicable).
4. Copy of the Data Base Index.
5. Material Safety Data Sheet and/or Technical Data Sheet.
6. Chemistry (Pure and Technical Active Ingredient).
  - a) physical and chemical properties and chemical structure.
  - b) copies of analytical methods suitable for measuring parent and relevant metabolites that might occur in agricultural and environmental substrates.
7. Summaries of the following banks of studies on the technical active ingredient.
  - a) Toxicology (Acute, short-term, long-term and special). These data should include the  $L_{50}$  values, units, animal species tested, identity of the test substance and the slope of the dose response curve from which it is derived.
  - b) Metabolism (Mammals, plants, pharmacokinetics, and other studies).
  - c) Environmental Chemistry (Physicochemical properties of technical active, including photodegradation, hydrolysis; Octanol/water partition co-efficient. Aerobic and Anaerobic degradation; Soil Metabolism; Terrestrial and aquatic dissipation and accumulation; Storage, disposal and decontamination.)
  - d) Environmental Toxicology (Birds and mammals; aquatic organisms; non-target invertebrates).

8. Residues:     i) Maximum residue limits (MRLs) as  
                  determined by Health & Welfare Canada  
                  and units for each food crop.  
  
                  ii) Analytical method used for the above.
9. Certificate of registration of the technical active.
10. The Committee reserves the right to request additional  
    information.

NOTE: If summaries of the above studies are not available,  
the applicant should contact the Pesticides Advisory  
Committee.

TABLE 2.

**INFORMATION REQUIRED TO CLASSIFY END-USE FERTILIZER -  
PESTICIDE PRODUCTS**

The following information is to be provided on the application for classification, used normally for formulated pesticide products.

1. Applicant's name and address.
2. Registrant's name and address (if different from above).
3. Canadian Agent's name and address (if applicable).
4. Five typewritten copies of federally approved label. (Please do not send fertilizer bags.)
5. Federal Fertilizer Act registration number and/or Pest Control Product Registration number(s) AND TRADE NAMES of pesticide product(s) used in the formulated mix and Ontario SCHEDULE of each pesticide product in the mix.
6. Guarantee of the ingredients in the fertilizer/pesticide.
7. Type and size of containers.
8. Confirmation that this fertilizer/pesticide product conforms with the federal **Fertilizer Compendium**.
9. The Committee reserves the right to request additional information on the active ingredient/s or other constituents in the product.

**CRITERIA FOR CLASSIFYING  
FERTILIZERS CONTAINING PESTICIDES**

**Fertilizers containing one pesticide active ingredient**

Fertilizers containing only one pesticide active ingredient will be classified according to the classification for that active ingredient.

**Fertilizers containing more than one pesticide active ingredient**

- a) Except as described in (b) below, fertilizers containing two or more pesticide active ingredients will not be accepted for regular classification and will be classified under Schedule 1.
- b) Fertilizers containing two or more herbicides that are complementary for the control of a similar group of weeds will be classified according to the total percentage of all active ingredients present, e.g. 2,4-D, mecoprop, dicamba for broad leaf weed control in turf grass.

TABLE 3.

PACKAGING CRITERIA FOR SCHEDULE 4 PESTICIDE PRODUCTS ONLY

1. INITIAL QUALIFICATION

All products must carry a federally approved "Domestic" label, and must meet Schedule 4 active ingredient classification guidelines.

2. MAXIMUM CONTENT

Maximum package content must NOT EXCEED 1 kilogram by weight or 1 litre by volume. In order to be approved in Sch 4 containers MUST BE SUBMITTED to the Pesticides Advisory Committee for inspection and approval.

3. SHAKER OR SIFTER CAN DISPENSERS

All shaker-can dispensers used in packaging pesticide products must have an approved device for reclosure.

4. PRESSURIZED DISPENSERS

Every pressurized spray dispenser used in packaging pesticide products must have a cap, locking device or seal, so as to prevent accidental activation during transit, storage and display.

5. FOLDING PAPER BOARD CARTONS

Paper-board cartons may be approved when the product, if formulated as a granule, impregnated fabric, pellet, powder, particulate (e.g. rodent bait), solid, slow-release generator, tablet or wettable powder, is packaged in an acceptable inner liner (e.g. plastic or foil liner).

6. PLASTIC BAGS OR POUCHES

Plastic bags or pouches used to package rodent baits must be sufficiently strong to prevent accidental spillage during transit, storage and display, and must be packaged in an outer display carton. Individual bags or pouches, or those which, in the opinion of the Committee, could be easily torn, will not be approved.

7. GLASS BOTTLES

Glass bottles shall not be used for packaging Schedule 4 pesticides if, in the opinion of the Committee, such containers can be easily shattered or broken during transit, storage and display.

8. PAPER BAGS

No paper bags will be allowed in Schedule 4.

9. OTHER LIMITATIONS

Where, in the opinion of the Committee, a pesticide container can be mistaken for a food or toy container, the product will not be permitted in Schedule 4.

10. APPROVAL OF NON-CONFORMING CONTAINERS

The Committee may approve non-conforming containers that, in its opinion, warrant special consideration due to the type of product or method of application of that product.

11. TRANSFER TO SCHEDULE 6

Domestic products containing only Schedule 4 active ingredients but not meeting the packaging requirements, will be classified under Schedule 6.

APPENDIX I:

PREVIOUSLY REVIEWED PESTICIDE ACTIVE INGREDIENTS

By common name

| <u>COMMON OR CHEMICAL NAME</u>                | <u>CODE</u> | <u>USE</u> |
|-----------------------------------------------|-------------|------------|
| 1,2-ethanediol                                | ETA         | ADJ        |
| 2,3,4,5-bis(2 butylene)tetra-hydro-2-furfural | MGB         | Misc       |
| 2,4-D acids, amines and salts                 | DXB         | H          |
| 2,4-D acids, amines and salts                 | DXA         | H          |
| 2,4-D H.V. esters                             | DXE         | H          |
| 2,4-D L.V. esters                             | DXG         | H          |
| 2,4-D L.V. esters                             | DXF         | H          |
| 2,4-DB butyl ester                            | DPB         | H          |
| 2,4-xylenol                                   | XAY         | F          |
| 2,4,5-T amine                                 | TXB         | H          |
| 2,4,5-T H.V. esters                           | TXE         | H          |
| 2,4,5-T L.V. esters                           | TXF         | H          |
| 2-hydroxyethyl N-octyl sulfide                | MGH         | Misc       |
| 3 chloro-1,2 propanediol                      | CPD         | Rod        |
| 4-aminopyradine                               | AMP         | VP         |
| 4-chlorophenoxy acetic acid                   | CPA         | PGR        |
| acephate                                      | ACP         | I          |
| acetic acid                                   | ACA         | Misc       |
| acrolein                                      | ACL         | H          |
| aldicarb                                      | ADC         | I          |
| aldrin                                        | ALD         | I, WP      |
| allyl alcohol                                 | AAL         | H, F       |
| alphachloralose                               | ALS         | Rod        |
| aluminum phosphide                            | APL         | I, Rod     |
| aminocarb                                     | AMC         | I          |
| amitrole                                      | AMI         | H          |
| ammonia                                       | AOH         | VP         |
| ammonium methyl arsonates                     | AMA         | H          |
| ammonium sulphamate                           | AMS         | H          |
| ancymidol                                     | ANC         | PGR        |
| anilazine                                     | DYR         | F          |
| anthracene oil                                | ANH         | WP         |
| antimycin                                     | ANR         | VP         |
| asphalt solids                                | ASP         | F          |
| asulam                                        | ASM         | H          |
| atrazine                                      | ATR         | H          |
| auramine                                      | AUR         | F          |
| azinphos-methyl                               | GOO         | I          |
| Bacillus thurigiensis Berliner var kurstaki   | BTB         | I          |
| Bacillus thurigiensis serotype H-14           | BTH         | I          |
| barban                                        | BAR         | H          |
| benazolin                                     | BEN         | H          |
| bendiocarb                                    | BDC         | I          |

benfluralin  
benomyl  
bensulide  
bentazon  
benzene  
benzoic acid  
benzoylprop-ethyl  
bone oil  
borax  
boracic acid  
borax anhydrous  
borax pentahydrate  
brodifacoum  
bromacil  
bromadiolone  
bromoxynil  
butoxypoly-propylene glycol  
butylate  
cadmium chloride  
cadmium sebacate  
capasaicin  
captafol  
captan  
carbaryl  
carbathiin  
carbendazim-phosphate  
carbofuran  
carbon disulphide  
carbon tetrachloride  
carbophenthion  
chinomethionat  
chlofenvinphos  
chlopropham  
chloramben  
chlordane  
chlorfenac  
chlorflurecol methyl  
chlorinated C3 hydrocarbons  
chlormequat  
chloroneb  
chlorophacinone  
chloropicrin  
chloropicrin  
chlorothalonil  
chloroxuron  
chlorpyrifos  
chlorsulfuron  
chlorthal dimethyl  
cholecalciferol  
chromic acid

|     |          |
|-----|----------|
| BAL | H        |
| BML | F        |
| BET | H        |
| BZN | H        |
| BZE | I        |
| BZA | ADJ      |
| BZP | H        |
| BON | VP       |
| BNS | I, F, WP |
| BOA | I        |
| BNA | WP       |
| BNP | H        |
| BRF | Rod      |
| BBU | H        |
| BRM | Rod      |
| BRY | H        |
| BPG | I        |
| SUT | H        |
| CDD | F        |
| CDS | F        |
| CAS | IR, VP   |
| DFT | F        |
| CAP | F        |
| CAB | I        |
| VIT | F        |
| MBD | F        |
| CAF | I        |
| CAD | I        |
| CTC | I        |
| CPR | I        |
| MOR | I        |
| CFV | I        |
| CIP | H        |
| CHA | H        |
| CLD | I, WP    |
| FNC | H        |
| CFM | PGR      |
| DSF | F        |
| CCC | PGR      |
| CNB | F        |
| CHP | Rod      |
| CPN | F, H, I  |
| CPN | Rod, WP  |
| TET | F        |
| CLX | H        |
| DUB | I        |
| CSL | H        |
| CHL | H        |
| CGO | Rod      |
| CRO | WP       |

cittowet  
 clofentazine  
 coal tar acids  
 coal tar oils  
 coconut diethanolamide  
 copper napthenate  
 copper oxide  
 copper oxychloride  
 copper sulphate  
 copper sulphate (tribasic)  
 copper, triethanolamine complex  
 copper-8-quinolinate  
 copper, cupric hydroxide  
 coumaphos  
 creosote  
 crotoxyphos  
 crufomate  
 cyanazine  
 cycloate  
 cycloheximide  
 cypermethrin  
 dalapon  
 daminozide  
 dazomet  
 deltamethrin  
 demeton  
 desmedipham  
 diazinon  
 dicamba  
 dichlobenil  
 dichlofluanid  
 dichlone  
 dichloran  
 dichlorflurecol methyl  
 dichlorprop amine  
 dichlorprop H.V. esters  
 dichlorprop L.V. esters  
 dichlorvos  
 diclofop-methyl  
 dicofol  
 dieldrin  
 dienochlor  
 diethyl-m-toluamide  
 difensoquat  
 diflubenzuron  
 dimethoate  
 dimethyl alkyl  
 dimethyl phthalate  
 dimetilan  
 dinitophenol

|     |          |
|-----|----------|
| AYC | ADJ      |
| CFZ | I        |
| COA | I, WP    |
| COO | I        |
| COC | ADJ      |
| CUN | WP       |
| CUO | WP       |
| CUY | F        |
| CUS | F, WP, H |
| CUB | F        |
| CUT | H        |
| CUQ | WP       |
| CUZ | F        |
| COU | I        |
| CRT | WP       |
| CIN | I        |
| RUE | I        |
| BDX | H        |
| ROE | H        |
| CYC | F        |
| CYM | I        |
| DAL | H        |
| DAM | PGR      |
| DAZ | F, H     |
| DBR | I        |
| DEM | I        |
| BTL | H        |
| DIA | I        |
| DIC | H        |
| DCB | H        |
| DCA | WP       |
| DCH | F        |
| DIK | F        |
| DFM | ADJ      |
| DIG | H        |
| DIH | H        |
| DIH | H        |
| DVP | I        |
| DPP | H        |
| DCF | I        |
| DIE | I        |
| BPC | I        |
| DTU | IR       |
| AVG | H        |
| DFB | I        |
| DIM | I        |
| DFA | ADJ      |
| DMP | IR       |
| SNP | I        |
| DNP | WP       |

|                                       |     |       |
|---------------------------------------|-----|-------|
| dinitrocresol                         | DNC | F     |
| dinitrocresol sodium salt             | DNC | I     |
| dinocap                               | DIN | I, F  |
| dinoseb                               | DNB | H     |
| diphacinone                           | DPC | Rod   |
| diphenamid                            | DIP | H     |
| diphenylamine                         | DPA | F, I  |
| diquat                                | DIQ | H     |
| disulfoton                            | DIS | I     |
| diuron                                | DUR | H     |
| di-n-propyl isosinchomeronate         | MDG | Misc  |
| dodemorph-acetate                     | DOM | F     |
| dodine                                | DOD | F     |
| d-phenothrin                          | PHG | I     |
| d-trans allethrin                     | ALM | I     |
| endosulfan                            | ESF | I     |
| endothal                              | ENT | H     |
| endrin                                | END | I     |
| eptam                                 | EPT | H     |
| ergocalciferol                        | EGO | Rod   |
| ethalfluralin                         | EFR | H     |
| ethephon                              | ETF | PGR   |
| ethion                                | ETH | I     |
| ethirimol                             | ETR | F     |
| ethoxyquin                            | ETY | F     |
| ethyl hexanedoil                      | EHX | IR    |
| ethylene dibromide                    | EDB | I     |
| ethylene dichloride                   | EDC | I     |
| ethylene oxide                        | ETO | I     |
| etridiazole                           | TRB | F     |
| famphur                               | WAX | I     |
| fatty alcohols, N-decanol             | FAA | PGR   |
| fatty alcohols, N-decanol & N-octanol | FAB | PGR   |
| fenaminosulf                          | DEX | F     |
| fenbutatin oxide                      | FBT | I     |
| fenitrothion                          | FEM | I     |
| fenoprop salts and amines             | FNP | H     |
| fenoprop H.V. esters                  | FNP | H     |
| fenoprop L.V. esters                  | FNP | H     |
| fenoxaprop ethyl                      | FPE | H     |
| fensulfothion                         | FEL | I     |
| fenthion                              | FET | I, VP |
| fentin hydroxide                      | FEH | F     |
| fenvalerate                           | FEV | I     |
| ferbam                                | FER | F     |
| ferrous sulphate                      | FES | H     |
| flamprop-methyl                       | FLA | H     |
| fluazifop-butyl                       | FZB | H     |
| flucythrinate                         | FKR | I     |
| flurecol methyl                       | FCM | PGR   |

folpet  
fonofos  
formaldehyde  
formetanate hydrochloride  
fosamine ammonium  
fumarin  
glyodin  
glyphosate  
heptachlor  
hexazinone  
hydramethylon  
hydrogen cyanamide  
hydrogen cyanide  
indole-butyric acid  
iodofenphos  
ioxynil  
iprodione  
iron naphthenate  
isobormyl thiocyanacetate  
isofenphos  
kinoprene  
lampreycide  
lead arsenate  
lindane  
linuron  
malachite green  
malathion  
maleic hydrazide  
mancozeb  
maneb  
MCPA amine salts  
MCPA potassium and sodium salts  
MCPA esters  
MCPB sodium salt  
mecoprop amine salts  
mecoprop acid  
mecoprop potassium salt  
mefluidide  
mercuric chloride  
mercurous chloride  
metalaxyl  
metaldehyde  
metam  
methamidophos  
methidathion  
methiocarb  
methomyl  
methoprene  
methoychlor  
methyl bromide

|     |         |
|-----|---------|
| FOL | F       |
| DYF | I       |
| FOR | F       |
| FOM | I       |
| KRE | H       |
| FUM | Rod     |
| GLY | F       |
| GPS | H       |
| HEP | I       |
| VPR | H       |
| ADO | I       |
| HCY | H       |
| HCN | I, Rod  |
| IBA | PGR     |
| IOJ | I       |
| IOX | H       |
| IPD | F       |
| IRN | WP      |
| THA | I       |
| ISF | I       |
| KPR | IGR     |
| TFM | VP      |
| LAR | I       |
| LIN | I       |
| LUN | H       |
| MAG | F       |
| MAL | I       |
| MAH | PGR     |
| MCZ | F       |
| MAN | F       |
| MAB | H       |
| MAS | H       |
| MAE | H       |
| MBS | H       |
| MEC | H       |
| MEE | H       |
| MEA | H       |
| MFD | PGR     |
| MCC | F       |
| MSC | F       |
| MTA | F       |
| MHY | Moll    |
| MTM | I, F, H |
| MOM | I       |
| MED | I       |
| MHB | I       |
| MML | I       |
| MPR | I       |
| MET | I       |
| MBR | H, I, F |

|                                      |     |          |
|--------------------------------------|-----|----------|
| methyl bromide                       | MBR | ROD      |
| methyl isothiocyanate                | MIS | I, H     |
| methyl nonyl ketone                  | MNK | VP       |
| metiram                              | MTR | F        |
| metobromuron                         | MTB | H        |
| metolachlor                          | MTL | H        |
| metribuzin                           | BAX | H        |
| mevinphos                            | MEV | I        |
| mineral oil                          | MOI | I, F     |
| mineral oil-herbicide                | MOH | H        |
| monolinuron                          | MOL | H        |
| monosodium methane arsonate          | MSM | H        |
| monuron                              | MON | H        |
| monuron - TCA                        | MOO | H        |
| mustard oil                          | MUS | VP       |
| m-cresol                             | CRG | F        |
| nabam                                | NAB | F        |
| naled                                | NAL | I        |
| napropamide                          | NBP | H        |
| naptalam                             | NAP | H        |
| naphthalene acetic acid              | NAA | PGR      |
| naphthalene animal repellent         | NPH | VP       |
| natural gum resins                   | GUM | I        |
| niclosamide                          | BAS | VP       |
| nicotine                             | NIA | I        |
| nicotine animal repellent            | NIA | VP       |
| nonylphenoxypolyethoxyethanol        | NON | ADJ      |
| N-octyl bicycloheptene dicarboxamide | MGK | Misc     |
| octylphenoxypolyethoxy ethanol       | OPE | ADJ      |
| oil of citronella                    | CIT | IR       |
| oil of lavender                      | LAV | IR       |
| oil of lemon grass                   | OAL | VP       |
| Ornitrol bird chemosterilant         | AZA | VP       |
| oxamyl                               | AXB | I        |
| oxine benzoate                       | HQB | F        |
| oxycarboxin                          | PTX | F        |
| oxydemeton methyl                    | ODM | I        |
| oxyfluorfen                          | OXR | H        |
| oxytetracycline hydroxide            | OXT | F        |
| paradichloro-benzene                 | PDB | I, VP    |
| paraformaldehyde                     | PFH | F        |
| paraquat                             | PAQ | H        |
| parathion                            | PTH | I        |
| pebulate                             | PEB | H        |
| pentachlorophenol                    | PCP | I, WP, H |
| permethrin                           | PFL | I        |
| phenmedipham                         | PMP | H        |
| phenylmercuric acetate               | PMA | F        |
| phorate                              | PHR | I        |
| phosalone                            | PHS | I        |

phosmet  
picloram amine salts  
picloram, isooctyl ester or sodium salt  
pindone  
pine oil  
piperonyl butoxide  
pirimicarb  
polymerized butenes  
polyvinyl polymer adjuvant  
potassium chromate  
potassium dichromate  
primary alcohol ethoxylate  
prometon  
prometryne  
propachlor  
propanil  
propargite  
propetamphos  
propham  
propiconazole  
propoxur  
propyzamide  
pyrazon  
pyrazophos  
pyrethrins  
quintozene  
red squill  
resmethrin  
ronnel  
rotenone  
sethoxydim  
siduron  
silicon doxide  
simazine  
soap  
sodium chlorate mixtures  
sodium fluoride  
sodium metaborate octahydrate  
sodium metaborate tetrahydrate  
sodium monofluoroacetate  
sodium pentachlorophenate  
solan  
streptomycin  
strychnine, alkaloid or sulphate  
sulfallate  
sulfaquinoxaline  
sulfotep  
sulfoxide  
sulphide sulphur  
sulphur

|     |         |
|-----|---------|
| PRT | I       |
| PID | H       |
| PIC | H       |
| PIN | Rod     |
| POI | F       |
| PBU | I       |
| PIR | I       |
| POB | VP      |
| PVP | ADJ     |
| KCR | F       |
| KDC | I       |
| PAE | ADJ     |
| PRM | H       |
| PRO | H       |
| PRP | H       |
| PRL | H       |
| OMI | I       |
| PPF | I       |
| PRF | H       |
| PON | F       |
| BAY | I       |
| KRB | H       |
| PYR | H       |
| PYF | I       |
| PYR | I       |
| QTZ | F       |
| RSQ | Rod     |
| REZ | I       |
| RON | I       |
| ROT | I, VP   |
| SOD | H       |
| SID | H       |
| SIO | I       |
| SMZ | H       |
| SOA | I, VP   |
| SCL | H       |
| SFL | I       |
| SMM | H, WP   |
| SMT | H       |
| SUF | Rod     |
| SPC | H       |
| SLN | H       |
| STN | F       |
| STR | VP, Rod |
| SUA | H       |
| SQS | Rod     |
| SFT | I       |
| SFD | I       |
| SUS | I, F    |
| SUL | I, F    |

|                                   |     |       |
|-----------------------------------|-----|-------|
| sulphur, gaseous oxides           | SOE | Rod   |
| tall oil fatty acids              | TOF | ADJ   |
| TCMBT                             | TCM | F     |
| tebuthiuron                       | TEB | H     |
| temephos                          | ABT | I     |
| terbacil                          | TER | H     |
| terbufos                          | COY | I     |
| terbuthylazine                    | TBZ | H     |
| terbutryn                         | TBT | H     |
| tetrachloro-phenol                | TCP | WP    |
| tetrachlorvinphos                 | GAR | I     |
| tetradifon                        | TED | I     |
| tetramethrin                      | NEO | I     |
| thiabendazole                     | TZL | F     |
| thiophanate-methyl                | TPM | F     |
| thiram                            | THI | F, VP |
| toxaphene                         | TOX | I     |
| triadimefon                       | TQB | F     |
| triallate                         | TRL | H     |
| tributyltin oxide                 | BTO | WP    |
| trichlofon                        | TRI | I     |
| trichloroacetic acid              | TCS | H     |
| trichlorobenzoic acid             | TBA | H     |
| trifluralin                       | TRF | H     |
| triforine                         | TRR | F     |
| trimethylnonyl polyethoxy ethanol | TMN | ADJ   |
| vernolate                         | VER | H     |
| warfarin                          | WAR | Rod   |
| water soluble dyes                | WAT | H     |
| zinc napthenate                   | ZNN | WP    |
| zinc phosphide                    | ZNP | Rod   |
| zineb                             | ZIN | F     |
| ziram                             | ZIR | F     |
| z-9-tricosene                     | TRN | I     |

**By code**

|                              |     |          |
|------------------------------|-----|----------|
| allyl alcohol                | AAL | H, F     |
| temephos                     | ABT | I        |
| acetic acid                  | ACA | Misc     |
| acrolein                     | ACL | H        |
| acephate                     | ACP | I        |
| aldicarb                     | ADC | I        |
| hydramethylon                | ADO | I        |
| aldrin                       | ALD | I, WP    |
| d-trans allethrin            | ALM | I        |
| alphachloralose              | ALS | Rod      |
| ammonium methyl arsonates    | AMA | H        |
| aminocarb                    | AMC | I        |
| amitrole                     | AMI | H        |
| 4-aminopyradine              | AMP | VP       |
| ammonium sulphamate          | AMS | H        |
| ancymidol                    | ANC | PGR      |
| anthracene oil               | ANH | WP       |
| antimycin                    | ANR | VP       |
| ammonia                      | AOH | VP       |
| aluminum phosphide           | APL | I, Rod   |
| asulam                       | ASM | H        |
| asphalt solids               | ASP | F        |
| atrazine                     | ATR | H        |
| auramine                     | AUR | F        |
| difensoquat                  | AVG | H        |
| cittowet                     | AYC | ADJ      |
| Ornitrol bird chemosterilant | AZA | VP       |
| benfluralin                  | BAL | H        |
| barban                       | BAR | H        |
| niclosamide                  | BAS | VP       |
| metribuzin                   | BAX | H        |
| propoxur                     | BAY | I        |
| bromacil                     | BBU | H        |
| bendiocarb                   | BDC | I        |
| cyanazine                    | BDX | H        |
| benazolin                    | BEN | H        |
| bensulide                    | BET | H        |
| benomyl                      | BML | F        |
| borax anhydrous              | BNA | WP       |
| borax pentahydrate           | BNP | H        |
| borax                        | BNS | I, F, WP |
| boracic acid                 | BOA | I        |
| bone oil                     | BON | VP       |
| dienochlor                   | BPC | I        |
| butoxypoly-propylene glycol  | BPG | I        |
| brodifacoum                  | BRF | Rod      |
| bromadiolone                 | BRM | Rod      |

|                                             |     |          |
|---------------------------------------------|-----|----------|
| bromoxynil                                  | BRY | H        |
| Bacillus thurigiensis Berliner var kurstaki | BTB | I        |
| Bacillus thurigiensis serotype H-14         | BTH | I        |
| desmedipham                                 | BTL | H        |
| tributyltin oxide                           | BTO | WP       |
| benzoic acid                                | BZA | ADJ      |
| benzene                                     | BZE | I        |
| bentazon                                    | BZN | H        |
| benzoylprop-ethyl                           | BZP | H        |
| carbaryl                                    | CAB | I        |
| carbon disulphide                           | CAD | I        |
| carbofuran                                  | CAF | I        |
| captan                                      | CAP | F        |
| capasaicin                                  | CAS | IR, VP   |
| chlormequat                                 | CCC | PGR      |
| cadmium chloride                            | CDD | F        |
| cadmium sebacate                            | CDS | F        |
| chlorflurecol methyl                        | CFM | PGR      |
| chlofenvinphos                              | CFV | I        |
| clofentazine                                | CFZ | I        |
| cholecalciferol                             | CGO | Rod      |
| chloramben                                  | CHA | H        |
| chlorthal dimethyl                          | CHL | H        |
| chlorophacinone                             | CHP | Rod      |
| crotoxyphos                                 | CIN | I        |
| chlopropham                                 | CIP | H        |
| oil of citronella                           | CIT | IR       |
| chlordan                                    | CLD | I, WP    |
| chloroxuron                                 | CLX | H        |
| chloroneb                                   | CNB | F        |
| coal tar acids                              | COA | I, WP    |
| coconut diethanolamide                      | COC | ADJ      |
| coal tar oils                               | COO | I        |
| coumaphos                                   | COU | I        |
| terbufos                                    | COY | I        |
| 4-chlorophenoxy acetic acid                 | CPA | PGR      |
| 3 chloro-1,2 propanediol                    | CPD | Rod      |
| chloropicrin                                | CPN | F, H, I  |
| chloropicrin                                | CPN | Rod, WP  |
| carbophenthion                              | CPR | I        |
| m-cresol                                    | CRG | F        |
| chromic acid                                | CRO | WP       |
| creosote                                    | CRT | WP       |
| chlorsulfuron                               | CSL | H        |
| carbon tetrachloride                        | CTC | I        |
| copper sulphate (tribasic)                  | CUB | F        |
| copper napthenate                           | CUN | WP       |
| copper oxide                                | CUO | WP       |
| copper-8-guaniolate                         | CUQ | WP       |
| copper sulphate                             | CUS | F, WP, H |

|                                 |     |      |
|---------------------------------|-----|------|
| copper, triethanolamine complex | CUT | H    |
| copper oxychloride              | CUY | F    |
| copper, cupric hydroxide        | CUZ | F    |
| cycloheximide                   | CYC | F    |
| cypermethrin                    | CYM | I    |
| dalapon                         | DAL | H    |
| daminozide                      | DAM | PGR  |
| dazomet                         | DAZ | F, H |
| deltamethrin                    | DBR | I    |
| dichlofluanid                   | DCA | WP   |
| dichlobenil                     | DCB | H    |
| dicofol                         | DCF | I    |
| dichlone                        | DCH | F    |
| demeton                         | DEM | I    |
| fenaminosulf                    | DEX | F    |
| dimethyl alkyl                  | DFA | ADJ  |
| diplubenzuron                   | DFB | I    |
| dichlorflurecol methyl          | DFM | ADJ  |
| captafol                        | DFT | F    |
| diazinon                        | DIA | I    |
| dicamba                         | DIC | H    |
| dielldrin                       | DIE | I    |
| dichlorprop amine               | DIG | H    |
| dichlorprop H.V. esters         | DIH | H    |
| dichlorprop L.V. esters         | DIH | H    |
| dichloran                       | DIK | F    |
| dimethoate                      | DIM | I    |
| dinocap                         | DIN | I, F |
| diphenamid                      | DIP | H    |
| diquat                          | DIQ | H    |
| disulfoton                      | DIS | I    |
| dimethyl phthalate              | DMP | IR   |
| dinoseb                         | DNB | H    |
| dinitrocresol sodium salt       | DNC | I    |
| dinitrocresol                   | DNC | F    |
| dinitrophenol                   | DNP | WP   |
| dodine                          | DOD | F    |
| dodemorph-acetate               | DOM | F    |
| diphenylamine                   | DPA | F, I |
| 2,4-DB butyl ester              | DPB | H    |
| diphacinone                     | DPC | Rod  |
| diclofop-methyl                 | DPP | H    |
| chlorinated C3 hydrocarbons     | DSF | F    |
| diethyl-m-toluamide             | DTU | IR   |
| chlorpyrifos                    | DUB | I    |
| diuron                          | DUR | H    |
| dichlorvos                      | DVP | I    |
| 2,4-D acids, amines and salts   | DXA | H    |
| 2,4-D acids, amines and salts   | DXB | H    |
| 2,4-D H.V. esters               | DXE | H    |

|                                       |     |        |
|---------------------------------------|-----|--------|
| 2,4-D L.V. esters                     | DXF | H      |
| 2,4-D L.V. esters                     | DXG | H      |
| fonofos                               | DYF | I      |
| anilazine                             | DYR | F      |
| ethylene dibromide                    | EDB | I      |
| ethylene dichloride                   | EDC | I      |
| ethalfluralin                         | EFR | H      |
| ergocalciferol                        | EGO | Rod    |
| ethyl hexanedoöl                      | EHX | IR     |
| endrin                                | END | I      |
| endothal                              | ENT | H      |
| eptam                                 | EPT | H      |
| endosulfan                            | ESF | I      |
| 1,2-ethanediol                        | ETA | ADJ    |
| ethephon                              | ETF | PGR    |
| ethion                                | ETH | I      |
| ethylene oxide                        | ETO | I      |
| ethirimol                             | ETR | F      |
| ethoxyquin                            | ETY | F      |
| fatty alcohols, N-decanol             | FAA | PGR    |
| fatty alcohols, N-decanol & N-octanol | FAB | PGR    |
| fenbutatin oxide                      | FBT | I      |
| flurecol methyl                       | FCM | PGR    |
| fentin hydroxide                      | FEH | F      |
| fensulfothion                         | FEL | I      |
| fenitrothion                          | FEM | I      |
| ferbam                                | FER | F      |
| ferrous sulphate                      | FES | H      |
| fenthion                              | FET | I, VP  |
| fenvalerate                           | FEV | I      |
| flucythrinate                         | FKR | I      |
| flamprop-methyl                       | FLA | H      |
| chlorfenac                            | FNC | H      |
| fenoprop                              | FNP | H      |
| folpet                                | FOL | F      |
| formetanate hydrochloride             | FOM | I      |
| formaldehyde                          | FOR | F      |
| fenoxaprop ethyl                      | FPE | H      |
| fumarin                               | FUM | Rod    |
| fluazifop-butyl                       | FZB | H      |
| tetrachlorvinphos                     | GAR | I      |
| glyodin                               | GLY | F      |
| azinphos-methyl                       | GOO | I      |
| glyphosate                            | GPS | H      |
| natural gum resins                    | GUM | I      |
| hydrogen cyanide                      | HCN | I, Rod |
| hydrogen cyanamide                    | HCY | H      |
| heptachlor                            | HEP | I      |
| oxine benzoate                        | HQB | F      |
| indole-butyric acid                   | IBA | PGR    |

|                                               |     |       |
|-----------------------------------------------|-----|-------|
| iodofenphos                                   | IOJ | I     |
| ioxynil                                       | IOX | H     |
| iprodione                                     | IPD | F     |
| iron napthenate                               | IRN | WP    |
| isofenphos                                    | ISF | I     |
| potassium chromate                            | KCR | F     |
| potassium dichromate                          | KDC | I     |
| kinoprene                                     | KPR | IGR   |
| propyzamide                                   | KRB | H     |
| fosamine ammonium                             | KRE | H     |
| lead arsenate                                 | LAR | I     |
| oil of lavender                               | LAV | IR    |
| lindane                                       | LIN | I     |
| linuron                                       | LUN | H     |
| MCPA amine salts                              | MAB | H     |
| MCPA esters                                   | MAE | H     |
| malachite green                               | MAG | F     |
| maleic hydrazide                              | MAH | PGR   |
| malathion                                     | MAL | I     |
| maneb                                         | MAN | F     |
| MCPA potassium and sodium salts               | MAS | H     |
| carbendazim-phosphate                         | MBD | F     |
| methyl bromide                                | MBR | ROD   |
| methyl bromide                                | MBR | H,I,F |
| MCPB sodium salt                              | MBS | H     |
| mercuric chloride                             | MCC | F     |
| mancozeb                                      | MCZ | F     |
| di-n-propyl isosinchomeronate                 | MDG | Misc  |
| mecoprop potassium salt                       | MEA | H     |
| mecoprop amine salts                          | MEC | H     |
| methidathion                                  | MED | I     |
| mecoprop acid                                 | MEE | H     |
| methoychlor                                   | MET | I     |
| mevinphos                                     | MEV | I     |
| mefluidide                                    | MFD | PGR   |
| 2,3,4,5-bis(2 butylene)tetra-hydro-2-furfural | MGB | Misc  |
| 2-hydroxyethyl N-octyl sulfide                | MGH | Misc  |
| N-octyl bicycloheptene dicarboxamide          | MGK | Misc  |
| methiocarb                                    | MHB | I     |
| metaldehyde                                   | MHY | Moll  |
| methyl isothiocyante                          | MIS | I, H  |
| methomyl                                      | MML | I     |
| methyl nonyl ketone                           | MNK | VP    |
| mineral oil-herbicidal                        | MOH | H     |
| mineral oil                                   | MOI | I, F  |
| monolinuron                                   | MOL | H     |
| methamidophos                                 | MOM | I     |
| monuron                                       | MON | H     |
| monuron - TCA                                 | MOO | H     |
| chinomethionat                                | MOR | I     |

methoprene  
mercurous chloride  
monosodium methane arsonate  
metalaxyl  
metobromuron  
metolachlor  
metam  
metiram  
mustard oil  
naphthalene acetic acid  
nabam  
naled  
naptalam  
napropamide  
tetramethrin  
nicotine animal repellent  
nicotine  
nonylphenoxypolyethoxyethanol  
naphthalene animal repellent  
oil of lemon grass  
oxydemeton methyl  
propargite  
octylphenoxypolyethoxy ethanol  
oxamyl  
oxyfluorfen  
oxytetracycline hydroxide  
primary alcohol ethoxylate  
paraquat  
piperonyl butoxide  
pentachlorophenol  
paradichloro-benzene  
pebulate  
paraformaldehyde  
permethrin  
d-phenothrin  
phorate  
phosalone  
picloram, isooctyl ester or sodium salt  
picloram amine salts  
pindone  
pirimicarb  
phenylmercuric acetate  
phenmedipham  
polymerized butenes  
pine oil  
propiconazole  
propetamphos  
propham  
propanil  
prometon

MPR I  
MSC F  
MSM H  
MTA F  
MTB H  
MTL H  
MTM I, F, H  
MTR F  
MUS VP  
NAA PGR  
NAB F  
NAL I  
NAP H  
NBP H  
NEO I  
NIA VP  
NIA I  
NON ADJ  
NPH VP  
OAL VP  
ODM I  
OMI I  
OPE ADJ  
OXB I  
OXR H  
OXT F  
PAE ADJ  
PAQ H  
PBU I  
PCP I, WP, H  
PDB I, VP  
PEB H  
PFH F  
PFL I  
PHG I  
PHR I  
PHS I  
PIC H  
PID H  
PIN Rod  
PIR I  
PMA F  
PMP H  
POB VP  
POI F  
PON F  
PPF I  
PRF H  
PRL H  
PRM H

prometryne  
 propachlor  
 phosmet  
 parathion  
 oxycarboxin  
 polyvinyl polymer adjuvant  
 pyrazophos  
 pyrazon  
 pyrethrins  
 quintozone  
 resmethrin  
 cycloate  
 ronnel  
 rotenone  
 red squill  
 crufomate  
 sodium chlorate mixtures  
 sulfoxide  
 sodium fluoride  
 sulfotep  
 siduron  
 silicon dioxide  
 solan  
 sodium metaborate octahydrate  
 sodium metaborate tetrahydrate  
 simazine  
 dimetilan  
 soap  
 sethoxydim  
 sulphur, gaseous oxides  
 sodium pentachlorophenate  
 sulfaquinoxaline  
 streptomycin  
 strychnine, alkaloid or sulphate  
 sulfallate  
 sodium monofluoroacetate  
 sulphur  
 sulphide sulphur  
 butylate  
 trichlorobenzoic acid  
 terbutryn  
 terbuthylazine  
 TCMBT  
 tetrachloro-phenol  
 trichloroacetic acid  
 tebuthiuron  
 tetradifon  
 terbacil  
 chlorothalonil  
 lampreycide

|     |         |
|-----|---------|
| PRO | H       |
| PRP | H       |
| PRT | I       |
| PTH | I       |
| PTX | F       |
| PVP | ADJ     |
| PYF | I       |
| PYR | H       |
| PYR | I       |
| QTZ | F       |
| REZ | I       |
| ROE | H       |
| RON | I       |
| ROT | I, VP   |
| RSQ | Rod     |
| RUE | I       |
| SCL | H       |
| SFD | I       |
| SFL | I       |
| SFT | I       |
| SID | H       |
| SIO | I       |
| SLN | H       |
| SMM | H, WP   |
| SMT | H       |
| SMZ | H       |
| SNP | I       |
| SOA | I, VP   |
| SOD | H       |
| SOE | Rod     |
| SPC | H       |
| SQS | Rod     |
| STN | F       |
| STR | VP, Rod |
| SUA | H       |
| SUF | Rod     |
| SUL | I, F    |
| SUS | I, F    |
| SUT | H       |
| TBA | H       |
| TBT | H       |
| TBZ | H       |
| TCM | F       |
| TCP | WP      |
| TCS | H       |
| TEB | H       |
| TED | I       |
| TER | H       |
| TET | F       |
| TFM | VP      |

|                                   |     |      |
|-----------------------------------|-----|------|
| isobormyl thiocyanacetate         | THA | I    |
| thiram                            | THI | F,VP |
| trimethylnonyl polyethoxy ethanol | TMN | ADJ  |
| tall oil fatty acids              | TOF | ADJ  |
| toxaphene                         | TOX | I    |
| thiophanate-methyl                | TPM | F    |
| triadimefon                       | TQB | F    |
| etridiazole                       | TRB | F    |
| trifluralin                       | TRF | H    |
| trichlofon                        | TRI | I    |
| triallate                         | TRL | H    |
| z-9-tricosene                     | TRN | I    |
| triforine                         | TRR | F    |
| 2,4,5-T amine                     | TXB | H    |
| 2,4,5-T H.V. esters               | TXE | H    |
| 2,4,5-T L.V. esters               | TXF | H    |
| thiabendazole                     | TZL | F    |
| vernolate                         | VER | H    |
| carbathiin                        | VIT | F    |
| hexazinone                        | VPR | H    |
| warfarin                          | WAR | Rod  |
| water soluble dyes                | WAT | H    |
| famphur                           | WAX | I    |
| 2,4-xylenol                       | XAY | F    |
| zineb                             | ZIN | F    |
| ziram                             | ZIR | F    |
| zinc napthenate                   | ZNN | WP   |
| zinc phosphide                    | ZNP | Rod  |

E. & O. E. (Errors and Omissions Excepted)

Codes:

|      |                        |
|------|------------------------|
| H    | herbicide              |
| I    | insecticide            |
| IR   | insect repellent       |
| WP   | wood preservative      |
| F    | fungicide              |
| Rod  | rodenticide            |
| ADJ  | adjuvant               |
| VP   | vertebrate pest        |
| PGR  | plant growth regulator |
| Misc | miscellaneous          |

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