

SEP 27 1988

Mr. James Wurz  
Bonide Chemical Company  
2 Wurz Avenue  
Yorkville, NY 13495

Dear Mr. Wurz :

Subject: Reregistration and Data Call-In (Propylene Oxide)  
Bonide Evergreen-Flower Insect Spray  
EPA Registration No. 4-115  
Your Submissions Dated November 12, 1985  
and May 19, 1988

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable provided that you make the labeling changes listed below before you release the product for shipment bearing the amended labeling:

1. We consider the word "powerfully" to be vague and misleading. Words and phrases implying that a product possesses unique characteristics because of composition are unacceptable. Please delete it per the request in our letter dated February 27, 1984.
2. The ingredient statement for all end-use products must declare the active ingredient as:

Lindane (gamma isomer of benzene hexachloride) \_\_\_\_\_\*

3. Petroleum distillates is not considered active in this type formulation but is a solvent. Therefore, delete it from the active ingredient statement and include it in the total percentage of "Inert Ingredients." Since this chemical may present an "aspiration hazard" if the product were accidentally ingested, add the following phrase beneath the ingredient statement:

\*Contains petroleum distillates.

(The asterisk should also be placed above Inert Ingredients.)

53409:I:LeMaster:LR-12:KENCO:9/21/88:11/2/88:CT:psr:vo:ek:rw  
R:53431:LeMaster:LR-12:KENCO:9/26/88:11/8/88:CL: :

CONCURRENCES

SYMBOL							
SURNAME							
DATE							

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4. Revise the Precautionary Statements so that similar statements appear together as follows:

Harmful if swallowed or absorbed through skin. Avoid inhalation of vapors or spray mist. Avoid contact with eyes, skin or clothing. Wash thoroughly after handling and before eating or smoking. Avoid contamination of food and feed stuffs.

Applicators must wear a long-sleeved shirt, long pants, waterproof gloves, full foot covering (such as shoes or boots), and head covering (such as a hat). Spray with the wind to your back. Wash nondisposable gloves thoroughly with soap and water before removing. Wash contaminated clothing after use.

Avoid exposure to children. Do not allow children to handle or apply this product.

Do not allow children or pets in treated areas until surfaces are dry.

5. Update the Environmental Hazards section as follows:

This pesticide is toxic to fish, birds, and other wildlife. Do not apply directly to water or wetlands. Drift and runoff from treated areas may be hazardous to fish in neighboring areas. Do not contaminate water when disposing of equipment washwaters.

This pesticide is highly toxic to bees exposed to direct application. Applications should be timed to coincide with periods of minimum bee activity, usually between late evening and early morning.

6. Add the PHYSICAL OR CHEMICAL HAZARDS heading to the label followed by:

Extremely flammable. Keep away from fire, sparks, and heated surfaces.

7. Since this product will only be sold in one (1) quart containers, please delete all label references to different sized containers (i.e., under Storage and Disposal delete "For containers under one gallon" and "For containers one gallon and over").

Submit five (5) copies of your final printed labeling before you release the product for shipment.

A stamped copy of the labeling is enclosed for your records.

Sincerely yours,

George T. LaRocca  
Product Manager (15)  
Insecticide-Rodenticide Branch  
Registration Division (TS-767C)

Enclosure

ROHME

ACCEPTED  
with COMMENTS  
in EPA Letter Dated:

SEP 27 1988

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act as  
amended, for the pesticide  
registered under EPA Reg. No.

4-115

EVERGREEN-FLOWER  
INSECT SPRAY

Contains MALATHION, LINDANE, SEVIN\*,  
KELTHANE\*\*, SPREADER

A non-burning, low odor, powerfully broad spectrum  
insecticide for protection of flowers (roses,  
azaleas, hibiscus, camellias, gardenias, etc.)  
ornamentals, evergreens, shade trees, lawns,  
patios, barbecue areas from insect damage or  
annoyance.

EPA Est. 4-NY-1

EPA REG. No. 4-115

ACTIVE INGREDIENTS:

*Malathion.....	12.0%
Gamma isomer of Benzene Hexachloride from Lindane....	5.0%
*Carbaryl (1-naphthyl N-methylcarbamate).....	2.5%
**1,1-bis (p-chlorophenyl)-2,2,2-trichloroethanol.....	1.0%
Aromatic petroleum derivative solvents.....	23.5%
INERT INGREDIENTS.....	56.0%
	<hr/>
	100.0%

\*0,0-Dimethyl phosphorodithioate of diethyl  
mercaptosuccinate.

\*Reg. T.M. Union Carbide \*\*Reg. T.M. Rohm & Haas

BEST AVAILABLE COPY

KEEP OUT OF REACH OF CHILDREN  
CAUTION  
See side panel for additional precautionary  
statements and statement of practical  
treatment.

NET CONTENTS:

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

Harmful if swallowed or absorbed through skin. Avoid breathing of vapors or spray mist. Avoid contact with eyes, skin or clothing. Avoid contamination of food or feedstuffs. Children and domestic animals should not be permitted to contact treated areas until spray has dried. Wear long sleeved shirt, long pants, waterproof gloves, full footed covering and head covering during application. Wash contaminated clothing after use. Do not allow children to handle or apply this product. Wash thoroughly after handling & before eating or smoking.

STATEMENT OF PRACTICAL TREATMENT

- If swallowed- Call a physician or Poison Control Center immediately. Gastric lavage is indicated if material was taken internally. ~~DO NOT INDUCE VOMITING~~ Vomiting may cause aspiration pneumonia.
- If inhaled- Remove victim to fresh air. Apply artificial respiration if indicated.
- If on skin- Remove contaminated clothing and wash affected areas with soap and water.
- If in eyes- Flush eyes with plenty of water. Call a physician immediately.

NOTE TO PHYSICIAN- Solvent presents aspiration hazard. Gastric lavage is indicated if material was taken internally.

ENVIRONMENTAL HAZARDS

This product is toxic to fish and wildlife. Keep out of any body of water. Do not contaminate water by cleaning of equipment, or disposal of wastes. Do not apply when weather conditions favor drift from treated areas.

This pesticide is highly toxic to bees exposed to direct treatment or to residues remaining on the treated area. Do not apply when bees are actively visiting the crop, cover crop, or weed blooming in the treatment area. Applications should be timed to provide the maximum possible interval between treatment and the next period of bee activity."

DIRECTIONS FOR USE

**BEST AVAILABLE**

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

STORAGE AND DISPOSAL

Store in a cool, dry place away from heat or open flame. Store in original container in an area inaccessible to children and pets. Avoid freezing.

For containers under one gallon: Securely wrap container and place in trash collection.

For containers one gallon and over: Do not contaminate water, food or feed by storage or disposal.

Pesticide disposal: Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal law. Contact your State Pesticide or Environmental Control Agency or the nearest EPA Regional Office for guidance in the disposal of wastes that cannot be used according to label directions.

Container disposal: Triple rinse (or equivalent). Then dispose of in a sanitary landfill, or by other approved state and local procedures.

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BONIDE EVERGREEN-FLOWER INSECT SPRAY, EPA Reg. No. 4-115

Apply with garden hose applicator, tank or hand pressure sprayer. Choose cool, calm period (early morning or evening) when plants will not receive hot direct rays of sun. Don't spray if rain is expected before leaf surfaces dry. Apply when insects appear and repeat treatments, as necessary.

Note: 6 teaspoons = 2 tablespoons = 1 ounce liquid; 4 oz. = 1 cup.

To control Japanese beetles, aphids, lace bugs, boxwood and birch-leaf miners, thrips, army worms, flea beetles, plant bugs, white-flies, spittle bugs and red spider mites, mix 2 teaspoons per gallon of water and apply as specified above.

To control tent caterpillars, rose chafers, taxus weevils, psyllids, and grasshoppers, mix 4 teaspoons per gallon of water and apply as specified above.

To control bagworms, spider mites, mealy bugs, fourlined leaf bugs, tarnished plantbugs, oak kermes, European pine shoot moths and scales (oyster shell, Euonymus, Scurfy, Azalea, Pine leaf, Magnolia, Fletcher, Florida Red, Juniper, Monterey Pine, Black & Soft), mix 2 tablespoons per gallon of water and apply as specified above. For oyster shell scales and Fletcher scales, apply when crawlers have settled on foliage.

Mix 3 tablespoons per gallon to control flies, mosquitoes, ants, spiders, chiggers, ticks, boxelder bugs and elm beetles. Thoroughly spray tall grass, shrubbery, around buildings, ant hills or nests and other such places where these pests congregate or harbor, but not near food crops. (1 gallon spray mix treats 425 sq. ft.).

For soil treatment of wireworms, Brachymerus and Fuller rose beetle larvae and adult, cucumber beetle larvae and adult, straw berry root weevil on camellias, rhododendrons, azaleas and primroses, mix 1 teaspoon per gallon of water per 50 sq. ft. area. Apply 1 cup solution to soil around plant in fall and spring.

Do not use on certain ferns including Boston, Maiden Hair, Pteris, as well as some species of Crassula.

Recommendations for use of this product are based upon tests believed to be reliable. The buyer must assume all responsibility for use of this product when not used in strict accordance with label directions or established safe practice, or when used under abnormal conditions not reasonably foreseeable to the seller.

Manufactured by BONIDE CHEMICAL CO., INC., YORKVILLE, NY. 13495

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