

SEP 28 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 Rose Spray Instant All Liquid  
EPA Registration No. 4-125  
Your Applications 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. The ingredient statement for all end-use products must declare the active ingredient as:

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

- 2. 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 feedstuffs.

53430:I/C:LeMaster:LR-15:KENCO:9/26/88:11/8/88:CT:PSR:JH:AS

CONCURRENCES

SYMBOL								
SURNAME								
DATE								

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.

3. Delete the sentence "Wear rubber gloves when using indoors" since lindane is not registered for homeowner use on indoor ornamental plants. Also, delete "outdoors" from the sentence "when using outdoors . . . ."
4. 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.

5. Delete "New" from the front panel under "New water spray concentrate." This formulation and spray system has been registered since 1961 and would not be classified as "new."
6. 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").

On the Confidential Statement of Formula (CSF), please provide the upper and lower Certified Limits based on the pure active ingredients rather than the technical or concentrate. Note that the lower limit of the active must not fall below the label claim.

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

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

Sincerely yours,

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

Enclosure

RONIDE

ROSE SPRAY  
Instant All Liquid

NEW WATER SPRAY CONCENTRATE  
FOR

ROSES AND FLOWERS

Contains: 1\*Sevin<sup>®</sup> \*\*Captan  
\*\*\*Karathane \*\*\*\*Kelthane  
and \*\*\*\*\*Lindane

ACCEPTED  
with COMMENTS  
in EPA Letter Dated:

SEP 20 1968

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

4-125

EPA Est: 4-NY-1

EPA Reg. No. 4-125

ACTIVE INGREDIENTS

*Carbaryl (1-naphthyl N methylcarbamate)	10.0%
**Captan N-[(trichloromethyl)thio]-4-cyclohexene-1,2 dicarboximide	10.0%
***1.0% (dinitro (1 methylheptyl)-phenyl crotonate) (other nitrophenols and derivatives chiefly dinitro (1 methylheptyl) phenol)	0.7%
****1,1 bis (p-chlorophenyl) 2,2,2 trichloroethanol	0.5%
*****Gamma isomer of Benzene Hexachloride from Lindane	0.5%
INERT INGREDIENTS:	78.0%
⊙ * Reg. T.M.U.C.C.	100.0%

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

BEST AVAILABLE COPY

NET CONTENTS

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS - CAUTION

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 feedstuffs. Children and domestic animals should not be permitted to contact treated areas until spray has dried. Wear rubber gloves when using indoors. When using outdoors wear long pants, long sleeve shirt, and rubber gloves. Outdoors, spray with the wind to your back. Wash non-disposable gloves thoroughly with soap and water before removing. Wear full foot covering and head covering during application. Wash contaminated clothing after use. Avoid exposure to children. Do not allow children to handle or apply this product.

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. If symptoms of cholinesterase inhibition are present, atropine sulfate is antidotal. 2-PAM is also antidotal and may be administered in conjunction with atropine.

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 areas. Do not apply when bees are actively visiting the crop, cover crop, or weeds blooming in the treatment area. Applications should be timed to provide the maximum possible interval between treatment and the next period of bee activity.

PHYSICAL/CHEMICAL HAZARDS

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

**BEST AVAILABLE COPY**

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BONIDE ROSE SPRAY INSTANT ALL LIQUID, EPA Reg. No. 4-125

**DIRECTIONS FOR USE**

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 residue 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 ROSE SPRAY INSTANT ALL LIQUID, EPA Reg. No. 4-125

BONIDE ROSE SPRAY INSTANT ALL LIQUID lets the natural beauty of your flowers shine through 9 ways: 1) Insecticide 2) Aphicide 3) Miticide 4) Ovocide 5) Scallicide 6) Fungicide 7) No powder film 8) 7-day action 9) Clean, shiny leaves. Easy to use: Mixes instantly - no plugged nozzles.

This product is safe in use dilution on flowers including rose, carnation, gladiolus, zinnia, chrysanthemum, lilac, arbor vitae, juniper, hydrangea and azalea. Kills the following major ornamental pests and many other minor pests up to seven days when properly applied and protects plants from disease damage listed below.

Insects: Bagworm, birch leaf miner, blister beetles, flea beetles, Jap. beetles, leaf hoppers, leaf rollers, mealy bugs, psyllids, rose aphids, rose slug, scale insects, tent caterpillars, exposed thrips, spider mites (European red, clover and two spotted).

Diseases: Powdery mildew, black spot, rust, leaf spot (alternaria), anthracnose, botrytis flower blight.

Mix at the rate of 2-4 tablespoons per gallon of water. The lower rate may be sufficient for control in spring or fall, while the higher rate may be necessary for the summer months. Use the lowest dilution at which control is achieved.

Choose a cool, calm period preferably early morning or evening when plants will not be subjected to hot direct rays of the sun. Do not spray if rain is expected before leaf surfaces dry. Start applications in the spring when insects first appear or conditions favor disease (warm humid days). It is usually easier to prevent than cure disease and certain scale damage. Apply at 10-12 day intervals, or every five to seven days in presence of active disease spores. SHAKE WELL BEFORE USING, UNTIL COMPLETELY RE-BLENDED. Contains micronic particles which settle upon standing and require reblending by shaking. Mix with water or use hose spray gun and while applying shake sprayer occasionally to keep particles in suspension. Apply spray thoroughly to tops and undersides of leaves just until they are dripping.

Do not use on Boston Ivy.

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

