

OCT 14 1986

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Ms. Annabel B. Olson
Bonide Chemical Company, Inc.
2 Wurz Avenue
Yorkville, NY 13495

Dear Ms. Olson:

Subject: Amendment - Label Update
Bonide V-1 Vapona Fog, Mist, or Spray Insecticide
EPA Registration No. 4-159
Your Letter Dated February 20, 1986

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. Add RECOMMENDED FOR INDUSTRIAL/COMMERCIAL USE to front panel.
2. Delete "WARNING:" ~~COMMERCIAL/INDUSTRIAL USE ONLY~~ from front panel.
3. Add the following to the Statement of Practical Treatment:

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

4. Add "Directions for Use (continued)" to left panel.
5. Place "Use only space or contact sprays indoors. Do not use fog" immediately following "Indoors."
6. Change "Apply to animal bedding" to "Fresh bedding should be placed in animal quarters after treatment."

86232;Newkirk;LR-8;KENCO;10/9/86;10/21/86;eg:VO

CONCURRENCES

SYMBOL ▶								
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7. Change "Observe 'Home Environmental area' cautions above" to "Observe cautions under Indoor Uses above."
8. Add Physical or Chemical Hazards block and statement "Do not use or store near heat or open flame."
9. Update Storage and Disposal block according to PR Notice 83-3.
10. Please submit a Confidential Statement of Formula on the revised form enclosed.

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)

Enclosures

Home Environmental Area Usage: See front panel listing for use with foggers, misters, aerosols and space sprayers such as Aerodyne "500", Dynafog, Tifa, Swing Fog, Microsol, Vibro-Fog and others.

TO CONTROL flies, flying insects, moths, gnats, hornets, mosquitoes and wasps.

Indoors: Occupants should vacate the premises before treatment and should not re-occupy until thoroughly ventilated after treatment (opening several doors and windows to create air current which dissipate the vapors). Use only space or contact sprays indoors; do not use fog. Do not apply to skin or animals. Remove birds and pets; cover fish bowls and aquaria before application. Human and pet food and food handling equipment should be removed or covered with wrapping paper. Apply upwards into four corners of the room, 10-15 seconds per 1,000 cu. ft. of room space (average room 15-20 seconds). Close doors and windows for about 15 minutes after treatment. Repeat as necessary. To control hornets and wasps on nests spray nests directly at night.

Outdoors: Best results are obtained in still air. Strong wind dissipates fog too rapidly for good results. Apply 1 1/4 gallon per acre of lawn and shrubbery — a thorough application around outdoor areas to repel and kill annoying flying insects. Use dense fog (3-7 second application) around dark, moist shrubbery and insect hiding places for flies, mosquitoes, and wasps. Repeat as necessary. Avoid close direct application to shrubs as spotting & injury may result. Do not apply in areas where food crops may be contaminated. Keep all unprotected persons out of the operating area or vicinity where there may be danger of drift.

To Control ants, centipedes, cockroaches, millipedes, silverfish, spiders, and ticks. Apply to cracks of woodwork, wall, floors, around doors, window frames, baseboards, behind shelving of storage areas and other places where these insects may congregate, walk or hide. Apply to ant trails around doors and window sills. Do not apply to areas which will be contacted frequently by children and do not allow them in treated areas until surfaces are dry. Do not contaminate food, water, containers or cooking utensils. **Do not treat animals.**

To Control fleas and ticks. Apply to animal sleeping quarters freely; force insecticide into cracks in floors and about the room. Apply to animal bedding. Repeat as necessary. Observe "Home Environmental area" cautions above.

To Control bedbugs. Take bed apart and spray entire surface of bedstead, slats, and springs. Spray thoroughly into cracks, and joints in bedstead and on tufts and seams of mattress. Do not spray general surface of mattress. Spray on and under baseboards, moldings, cracks in floors and walls, underneath loose wall paper and other places where insects may be found. **Do not use in sleeping areas.**

To Control fly maggots in breeding areas (manure piles and garbage dumps). Apply 1-2 quarts per 100 sq. ft., 10' x 10' area. Do not treat areas where food, animal feed, or crops are growing. Birds feeding on treated areas may be killed.

Buyer's Guarantee Limited To Label Claims

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

BONIDE®

V-1

VAPONA® FOG, MIST OR SPRAY INSECTICIDE

READY TO USE INDOORS AND OUTDOORS — KILLS FLIES, MOSQUITOES, GNATS, HORNETS, WASPS, FLYING MOTHS. Also ants, fleas, centipedes, cockroaches, millipedes, ticks, silverfish, bedbugs and fly maggots.

Apply with foggers, misters or sprayers around the home, outdoor living areas, picnic grounds, patios, backyard, parking and refuse areas, garbage collection and disposal areas and outdoor latrines.

100% ACTIVE INGREDIENTS:	EPA Est. No. 44R-1	EPA Reg. No. 4-159
Hydroalcohol		
2,2-Dichlorovinyl Dimethyl Phosphate	99.50%	
Related Compounds*	0.45%	
*Equivalent to 0.50% Vapona®, a Trademark of Shell Chemical Co.	0.01%	

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

See back panel for additional precautionary statements

WARNING: COMBUSTIBLE MIXTURE. DO NOT FOG INDOORS

1 Qt. Net

1 Gal. Net

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS — CAUTION**

Harmful if swallowed, inhaled or absorbed through the skin or eyes. Do not breathe vapor, mist or spray. Do not get in eyes, on skin or clothing; wash contaminated clothing, shoes or boots before re-use. Do not contaminate animal feed, water or foodstuffs. Wash thoroughly with soap and water after handling and before eating or smoking.

Statement of Practical Treatment

- If swallowed ——— Call a physician or Poison Control Center immediately. Drink one or two glasses of water and induce vomiting by touching back of throat with a finger. Do not induce vomiting or give anything by mouth to an unconscious or convulsing person. Atropine is antidotal.
- 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.

ENVIRONMENTAL HAZARDS

This product is toxic to fish, birds and other wildlife. Do not apply directly to water. Do not contaminate water by cleaning of equipment, or disposal of wastes.

DIRECTIONS FOR USE

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

Storage: Store in a cool, dry place and in an area inaccessible to children or pets.
Container Disposal: Wrap container in newspaper and place in trash collection.