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Mr. James J. Wurz
Product Development Associate
Bonide Chemical Company, Inc.
2 Wury Avenue
Yorkville, NY 13495

Dear Mr. Wurz

Subject: Revised Label for Bonide Insect Fog
EPA Reg. No. 4-337

The amendment referred to above, submitted in connection with registration under section 3(c)(7)(A) of the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable provided you make the following changes to the label.

1. Replace the active ingredient portion of the ingredients statement to read as follows.

| | |
|---|---------|
| Resmethrin | 0.227% |
| Aromatic petroleum hydrocarbons | 0.265% |
| Petroleum distillate | 99.500% |

2. Replace "See directions and cautions on side panel." with "See directions and cautions on side panel for additional precautionary statements".

3. In the precautionary statements section add the following after "Avoid contamination of feed and foodstuffs."

"Food should be removed or covered in such a way as to prevent contamination during treatment. Do not apply while food processing plant is in operation.

51205;X/WP4.2;Mandelschn;C.Disk;KENC0:5/3/90;dg;sw;vo;dd;dg

CONCURRENCES

| SYMBOL | SURNAME | DATE | | | | | |
|--------|---------|------|--|--|--|--|--|
| | | | | | | | |

Food contact surfaces and equipment must be washed with an effective cleaning compound followed by a potable water rinse after treatment.

Facilities and equipment in federally inspected meat and poultry plants must be washed with an effective cleaning compound followed by a potable water rinse after treatment.

4. On page two, replace the pesticide disposal statement with "Wastes resulting from the use of this product may be disposed of at an approved waste disposal facility.

5. Delete the additional Storage and Disposal section on page three.

6. Since your product is labeled for mosquito abatement and pest control treatments at nonagricultural sites (i.e. beaches, parks, campsites, woodlands, athletic fields, golf courses, swamps, tidal marshes, refuse and waste sites, and municipalities) this product is classified RESTRICTED USE and must bear the following restricted-use classification on the front panel:

"RESTRICTED USE CLASSIFICATION
Due to acute fish toxicity

For retail sale to and use only by Certified Applicators or persons under their direct supervision and only for those uses covered by the Certified Applicator's Certification."

7. Change the In Hospitals statement to

"In hospitals, patients should be removed from room prior to treatment. Room should be ventilated for two hours after spraying. Do not return patients to room until after ventilation." and move it to the precautionary statements section.

With regards to your interest in distributor labels, we have no objection to your distributor using less than the full set of approved uses on their label, provided all necessary directions and limitations for the retained uses are included. We do not consider that Section 6(f) of the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA) as amended applies to distributor labeling since the distributor is not the registrant and the omitted uses are not being deleted under the registration.

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A stamped copy of the draft label is enclosed for your records.
Submit five (5) final printed copies of the label before you release
the amended label into commerce.

Sincerely yours,



Phil Hutton
Product Manager (17)
Insecticide-Rodenticide Branch
Registration Division (E7505C)

BONIDE®

INSECT FOG

FOGGING INSECTICIDE WITH PYRETHROID

READY TO USE in all propane, gas and electric foggers. May also be sprayed.

High knockdown and kill. Low toxicity formula for control of annoying pests including gnats, flies, mosquitoes, ants, spiders, earwigs, hornets.

EPA Est. No. 4-NY-1

EPA Reg. No. 4-337

ACTIVE INGREDIENTS:

| | |
|---|------------|
| *+°resmethrin([5-phenylmethyl)-3-furanyl]methyl 2,2-dimethyl-3-(2-methyl-1 propenyl) chloropropanecarboxylate | 0.200% w/w |
| Related compounds | 0.027% |
| Aromatic petroleum hydrocarbons..... | 0.265% |
| Petroleum distillate | 99.500% |
| INERT INGREDIENTS | 0.008% |
| | <hr/> |
| | 100.000% |

*Cis/trans isomers ratio max 30%(±)cis and min. 70%(±)trans.
 †U.S. Patent Nos. 3,465,007 and 3,542,920.
 •Penick-Bio UCLAF's SBP-1382® brand of resmethrin insecticide
 Penick-Bio UCLAF Corp., 1050 Wall Street West, Lyndhurst, N.J. 07071

KEEP OUT OF REACH OF CHILDREN

CAUTION

HARMFUL IF SWALLOWED. See directions and cautions on side panel.

ACCEPTED
with COMMENTS
to EPA Letter 11/1/88

MAY 9 1988

Under the Federal
Insecticide, and Fungicide,
and Plant Repellent Act,
as amended, for the
purpose of EPA Reg.

Net Contents:

4-337

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS - CAUTION

Harmful if swallowed, inhaled or absorbed through the skin. Avoid breathing vapors or spray mist, and provide adequate ventilation of area being treated. Contact with the eyes, skin or clothing should be avoided.

STATEMENT OF PRACTICAL TREATMENT

If Swallowed: Call a physician immediately. Gastric lavage is indicated if material was taken internally. DO NOT INDUCE VOMITING unless directed by a physician. Vomiting may cause aspiration pneumonia. Do not induce vomiting or give anything by mouth to an unconscious person.

If Inhaled: Remove victim to fresh air. Apply respiration if indicated.

If on Skin: Wash contaminated skin with soap and water.

If in Eyes: Flush eyes with plenty of water for at least 15 minutes. Get medical attention immediately.

Avoid contamination of feed and foodstuffs.

Remove pets, birds, and cover fish aquariums before spraying. DO NOT ALLOW CHILDREN IN TREATED AREAS UNTIL SURFACES ARE DRY.

ENVIRONMENTAL HAZARDS

This pesticide is highly toxic to fish. Do not apply directly to water or wetlands (swamps, bogs, marshes and potholes.) Drift and runoff from treated sites may be hazardous to fish in adjacent waters. Do not contaminate water when disposing of equipment washwaters.

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PHYSICAL OR CHEMICAL HAZARDS

This formulation is combustible. Do Not Use or Store Near Heat or Open Flame. Do Not Store Below 32 Degrees F.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

Pesticide Disposal: Pesticide, spray mixture or rinsate that cannot be used according to label instruction must be disposed of according to Federal, State, or local procedures under the Resource Conservation and Recovery Act.

Container Disposal: Triple rinse (or equivalent) and offer for recycling or reconditioning, or dispose of in a sanitary landfill, or by other approved State and local procedures. Do not reuse empty container.

DIRECTIONS FOR USE

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

STORAGE: Store product in original container in a locked storage area.
CONTAINER DISPOSAL: Do not reuse empty container. Wrap container and put in trash.

For use outdoors in yards, patios, picnic areas, campsites, drive-ins, around swimming pools, poultry houses. For use indoors and outside premises of hotels, motels, homes, food handling establishments, packaging and processing plants, seed houses, commercial, industrial, office, institutional and storage buildings, milk handling areas of milk plants, milk storage rooms, egg processing plants, supermarkets, restaurants, bottling plants, canneries, flour and feed mills, bakeries, boats, ship cabins, and hospitals. **IN HOSPITALS,** patients should be removed prior to treatment. Also for use in buses, automobiles, trucks, boxcars, ship cargo holds, and in dog kennels and horse stables. **IN HORSE STABLES, NOT FOR APPLICATION IF HORSES WILL BE USED FOR FOOD.**

Before using this pesticide, exposed food and packaging material must be removed or protected. After using pesticide, food processing and handling equipment and utensils must be washed with an effective cleaning compound and thoroughly rinsed with potable water before operations are resumed.

OUTDOORS

Thermal Applications - This formulation is to be used undiluted in only such portable thermal applicator equipment that can deliver spray particle sizes within the aerosol-size range.

For reduction in annoyance from flies, mosquitoes and gnats in yards, patios, around swimming pools, picnic areas, camp-sites, drive-ins, and horse stables. Hold thermal applicator at least five feet from any object, especially plants and shrubbery. Avoid wetting any plant foliage. Apply undiluted at the rate of 3/4 gallons per acre. Fog only when there is no breeze, or the wind velocity is less than 3 miles per hour. The ideal time is generally at dusk when the wind dies down and the air temperature and ground temperature are approximately the same. Under these conditions the fog will linger in the treated area for a longer time. Apply fog while moving away from treated area. Avoid inhalation of the fog. Do not enter the treated area until the fog has dissipated. Repeat application as necessary

Contact Spray: To kill nuisance pests around buildings, patios and paved areas. Spray directly on insects. Avoid spraying turf or plants.

Ants: Same as directed for indoor application.

Wasps, Hornets, Yellow Jackets: Application should be made in late evening when insects are at rest. Point spray opening away from face. Aim spray at nest opening in bushes, under eaves, chimneys,

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cracks and crevices. Thoroughly saturate nest with spray, contacting as many insects as possible. Spray liberally into hiding and breeding places.

EARWIGS, sowls, spiders, centipedes and millipedes: Apply as a contact spray, as for indoor use.

To control flies, mosquitoes and gnats and crawling insects around premises, spray thoroughly around doors, window frames and similar areas of entry. Also thoroughly spray garbage and refuse areas, especially around poultry houses, barns, and similar areas of heavy infestation. Do not spray on turf or plants.

INDOORS

Thermal Applications - For use undiluted in electric, propane, or gas-powered thermo-foggers and such portable thermal applicator equipment that can deliver spray particle sizes within the aerosol-size range.

To kill house flies, mosquitoes, gnats, fruit flies, flying moths (millers): Remove or cover exposed food and food handling surfaces. Remove animals, fish and plants. Shut off ventilating systems, air ducts, air conditioning equipment and close off room or area to be treated. Do not apply while food processing plant is occupied or in operation. Extinguish all flames and pilot lights. **APPLY AS A DRY FOG AT THE RATE OF 1-1/3 fluid ounces per 1,000 cubic feet of space.** Direct nozzle of thermal applicator toward the upper corners of the room and along the ceiling. Close off room for at least one-half hour. Do not remain in treated areas. Ventilate the area after treatment.

Space Spray: To kill house flies, mosquitoes, gnats, fruit flies, flying moths (millers): Close off room or area to be treated. Shut off air-conditioner and ventilator system: Seal all open vents. Remove animals and plant life. Cover or remove fish aquariums. Apply undiluted as a very fine mist space spray through manually operated equipment or with electric or other powered applicators. Avoid staining by holding the spray nozzle at least five feet from objects. Direct the fine spray mist toward the upper corners of the room or area. Fill the area with a fine mist space spray at the rate of 5 fluid ounces per 5,000 cubic feet. Leave room closed for one-half hour. Ventilate thoroughly before re-entry. Sweep up and destroy insects.

Contact Spray: To kill cockroaches, waterbugs, ants, crickets, silverfish, earwigs, spiders, grain mites, sowbugs, centipedes and millipedes. Adjust spray to produce large wetting-type spray particles.

REGISTERED TRADEMARK OF THE DOW CHEMICAL COMPANY

Direct spray to contact these insects in cracks and crevices in floors, baseboards, around pipes, behind cabinets and other harborages. Spray these infested areas until thoroughly wet. Repeat as necessary.

To Kill Ants: Spray around doors and window frames, ant trails, and hills in addition to direct spray to contact insects.

To Kill Spiders: Spray directly on these pests and use repeated applications to the webbing and all cracks and crevices which harbor spiders.

WARRANTY STATEMENT

recommendations for use of this product are based upon tests proved to be reliable. The use of this product being beyond the control of the manufacturer, no guarantee, expressed or implied, is made as to the effects of such or the results to be obtained if not used in accordance with directions or established safe practice. The buyer must assume all responsibility, including injury or damage, resulting from its misuses as such, or in combination with other chemicals.

Mfg. by Bonide Products Inc., Yorkville, NY 13495