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US ENVIRONMENTAL PROTECTION AGENCY
OFFICE OF PESTICIDES PROGRAMS
REGISTRATION DIVISION (TS-767)
WASHINGTON, DC 20460

EPA REGISTRATION NO.
4-337

DATE OF CHANGE
31 DEC 1987

TERM OF ISSUANCE

NOTICE OF PESTICIDE: REGISTRATION
 REREGISTRATION
(Under the Federal Insecticide, Fungicide,
and Rodenticide Act, as amended)

NAME OF PESTICIDE PRODUCT

Bonide Insect Fog

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

Bonide Chemical Company, Inc.
2 Wurz Avenue
Yorkville, NY 13495

NOTE: Changes in labeling formula differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above U.S. EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby Registered/Reregistered under the Federal Insecticide, Fungicide, and Rodenticide Act.

A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.

Registration is in no way to be construed as an indorsement or approval of this product by this Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA section 3(c)(7)(A) provided that you:

1. Submit/cite all data required for registration/reregistration of your product under FIFRA section 3(c)(5) when the Agency requires all registrants of similar products to submit such data.
2. Add the phrase "EPA Registration No. 4-337" to your label before you release the product for shipment.
3. Submit five (5) copies of your final printed labeling before you release the product for shipment. Refer to the A-79 enclosure for a further description of final printed labeling.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

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

Phil Hutton
Product Manager (17)
Insecticide-Rodenticide Branch
Registration Division (TS-767C)

Enclosures

ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL

Phil Hutton

DATE

12/31/87

EPA Form 8570-6 (Rev. 5-78)

PREVIOUS EDITION MAY BE USED UNTIL SUPPLY IS EXHAUSTED.

10322; I:Tavano; H-7; KENCO; 12/15/87; 12/24/87; CB; lf; EK; lf *JF*

BONIP[®]

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.

Mosquito		
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EPA Est. No. 4-NY-1

EPA Reg. No. 4-

ACTIVE INGREDIENTS:

*† Resmethrin [5-(phenylmethyl)-3-furanyl]methyl 2,2-dimethyl-3-(2-methyl-1-propenyl)cyclopropanecarboxylate	0.200%w/w
Related Compounds	0.027%
Aromatic Petroleum Hydrocarbons	0.265%
Petroleum Distillate	99.500%
INERT INGREDIENTS:	0.008%
	<u>100.000%w/w</u>

*Cis/trans isomers ratio: max. 30%(z)cis and min. 70%(z)trans.
 †U.S. Patent Nos. 3,485,007 and 3,542,928.
 •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
 SEE SIDE PANEL FOR ADDITIONAL
 PRECAUTIONARY STATEMENTS

ACCEPTED WITH COMMENTS In EPA Letter dated:

DEC 31 1987

NET CONTENTS:
 1 Quart (32 Fl. Oz.)
 1 Gallon (128 Fl. Oz.)

Endo
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 or
 registered under EPA Reg. No.
4-337

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RECEIVED EPA

SEP 20 1987

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 other treatment is not available. Vomiting may cause aspiration pneumonia. If it is necessary to induce vomiting, give victim one or two glasses of water and insert finger in back of throat. Repeat until vomit fluid is clear. 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 with plenty of water for at least 15 minutes. Get medical attention immediately.

Foods should be removed or covered during treatment. All food processing surfaces should be covered during treatment or thoroughly cleaned before using. Do not apply while food processing plant is occupied and in operation.

Remove pets, birds and cover fish aquariums before spraying.

DO NOT ALLOW CHILDREN IN TREATED AREAS UNTIL SURFACES ARE DRY.

ENVIRONMENTAL HAZARDS

This product is toxic to fish, birds and other wildlife. Do not apply directly to water. Do not apply where runoff is likely to occur. Do not apply when weather conditions favor drift from areas treated. Do not contaminate water by cleaning of equipment or disposal of wastes.

PHYSICAL OR CHEMICAL HAZARDS

Do Not Use or Store Near Heat or Open Flame. Do Not Store Below 32 Degrees F.

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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.

Pesticide Disposal: Securely wrap original container in several layers of newspaper and discard 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.**

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 1/2 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,

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.

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BONIDE INSECT FOG, EPA Reg. No. 4-

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

EARWIGS, sowbugs, 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 aquarium. 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.

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BONIDE INSECT FOG, EPA Reg. No. 4-

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.

Buyer's Guarantee Limited to Label Claims.

Mfg. by Bonide Chemical Co., Inc., Yorkville, NY 13495

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SEP 22 1987