

PM 03
4-392
12/30/98

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DEC 30 1998

Anne Montalone
Bonide Products, Inc.
2 Wurz Ave.
Yorkville, NY 13495

Subject: Bonide Wasp & Hornet Spray
EPA Registration No. 4-392
Amendment dated June 22, 1998

Dear Ms. Montalone:

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, is acceptable provided that you:

1. Make the following changes to your label:
 - a. Change the sentence "Not for use in USDA meat and poultry plants." to "Not for use in Federally inspected meat and poultry plants."
 - b. Delete the directions for "LOCALIZED TREATMENT OF WOOD DESTROYING INSECTS: Termites, Carpenter Ants, Carpenter Bees." This use does not appear on the product label you have identified as substantially similar (EPA Reg. No. 7754-49). Either cite another similar product which has been registered for this use or submit/cite appropriate efficacy data for wood destroying insects.
2. Submit two copies of your final printed labeling before you release the product for shipment.

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 bearing the amended labeling constitutes acceptance of these conditions. A stamped copy of the labeling is enclosed for your records.

Sincerely yours,



for George T. LaRocca
Product Manager 13
Insecticide Branch
Registration Division (7505C)

Enclosure

ACCEPTED
with COMMENTS
to EPA Letter Dated

DEC 30 1998

FRONT PANEL

BONIDE
WASP & HORNET SPRAY

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended by the pesticide
reauthorization Act, EPA Reg. No.
4-392

- * Contains Synergist Piperonyl Butoxide, Permethrin & Tetramethrin
- * Kills Fast
- * Quick kill
- * Kills Pantry Pests, Flying and Crawling Insects
- * Kills Wasps & Hornets on contact
- * Kills with residual action as Wasps & Hornets return to nest
- * Jet spray-will reach nests up to 20 feet above ground
- * Sprays up to 20 feet
- * Kills the entire nest
- * Kills nest and Insects with Residual Action
- * Kills Wasps, Hornets & Yellow Jackets- Triple Action
- * Drops Wasps, Hornets & Yellow Jackets instantly
- * Gives knockdown & kill of Wasps, Hornets & Yellow Jackets
- * Electrically non-conducting
- * Dielectric breakdown voltage of 47,300 volts
- * Can be used Indoors (attics and other places where nests are built) and Outdoors on Wasp & Hornet nests
- * Contains no CFC'S or other ozone substance. Federal Regulation prohibit CFC propellant in aerosols.
- * Instant Knockdown
- * Prevents nesting
- * Triple action formula
- * Acts as a barrier that prevents insects from entering the home

EPA Reg. No. 4-392

EPA Est. No. 4-NY-1

ACTIVE INGREDIENTS:

Tetramethrin (cas# 7696-12-0).....	0.10%
Permethrin (cas# 52645-53-1).....	0.25%
Piperonyl Butoxide, Technical (cas # 51-03-6)..	0.50%
OTHER INGREDIENTS:.....	99.15%
TOTAL:.....	100.00%

*Contains Petroleum Distillates
Tetraperm is a registered trademark of AgrEvo Environmental Health, Inc.

KEEP OUT OF REACH OF CHILDREN

CAUTION

See back panel for additional precautionary statements

Net contents: _____

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS & DOMESTIC ANIMALS

CAUTION

Causes moderate eye irritation. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Do not use in commercial food/feed handling establishments, restaurants or other sites where food/feed is commercially prepared or processed. Not for use in ~~USDA~~ meat and poultry plants.

Feeding to p 108 ✓

STATEMENT OF PRACTICAL TREATMENT

IF IN EYES: Flush with plenty of water. Call a physician if irritation persists.

ENVIRONMENTAL HAZARDS

This product is toxic to fish and aquatic invertebrates. Do not apply directly to water.

PHYSICAL OR CHEMICAL HAZARDS

Contents under pressure. Keep away from heat, sparks and open flame. Do not puncture or incinerate container. Exposure to temperatures above 130 degrees F may cause bursting.

DIRECTIONS FOR USE

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

READ ENTIRE LABEL

INDOORS:

Cluster Flies, Houseflies, Fruit Flies, Mosquitoes, Gnats, Wasps, Hornets, Bees, Black Flies, Skipper Flies, Blow Flies and Small Flying Moths: Close all doors and windows and direct spray upward into center of room with a slow sweeping motion. Spray 5-10 seconds for average room, moving toward the door. Direct spray to all parts of the room, especially windows and other light sources which attract these insects. Keep nozzle in constant motion. Leave room and keep area closed for 15 minutes after spraying. Ventilate room thoroughly before re-entry. Sweep up and discard fallen insects. Repeat treatment as necessary.

Cockroaches, Waterbugs, Palmetto Bugs, Silverfish, Firebrats, Crickets, Scorpions, Spiders, Millipedes, Centipedes, Sowbugs, and Pillbugs: Spray into hiding places such as cracks and crevices behind sinks, cabinets, along baseboards and floors, around drains and plumbing, hitting insects with spray whenever possible. Repeat treatment as necessary.

Ants: Spray trails, nests and points of entry. Spray on ants where possible. Repeat as necessary.

LOCALIZED TREATMENT OF WOOD DESTROYING INSECTS: Termites, Carpenter Ants, Carpenter Bees: Locate source of infestation inject 5-10 seconds spray into insect tunnels and cavities. For Carpenter Bees, seal entrance openings with a small pieces of stainless steel wool after spray application.

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Indian Meal Moths, Angonmuols Grain Moths: Close doors and windows, direct spray into all parts of room especially around stored food product containers, pallets, and darkened areas. Spray 7 to 10 seconds for each 1000 cubic feet of space, moving toward the door. Leave room and keep area closed for 15 minutes following treatment. Repeat as necessary.

Exposed stages of Confused Flour Beetles, Cigarette Beetles, Saw-Toothed Grain Beetles, Red Flour Beetles, Rice Weevils, Granary Weevils, Grain Mites in exposed adult and larvae stages: Spray into cracks and crevices, processing and handling equipment, around cartons or containers or other areas where these insects tend to congregate. Contact as many insects as possible. Spray 30 seconds for each 100 square feet of surface. Keep closed for 45 minutes to 1 hour after treatment. Space spray: Spray 20 seconds per 1000 cubic feet of space moving toward the door. Leave room and keep area closed for 15 minutes following treatment. Repeat application weekly or as necessary. Infested stored food products should be disposed of, or treated using an approved product intended for this purpose.

Carpet Beetles: Spray directly on beetles, floors, baseboards, shelves. Test spray in an inconspicuous place before use.

Bedbugs: Spray mattress, particularly around turfs and seams. Take beds apart and spray into all joints. Treat baseboards, moldings and floors. Repeat treatment as necessary. Allow all sprayed articles to dry thoroughly before use. Test spray in an inconspicuous place before use.

To control Clothes Moths and Carpet Beetles on wool and other protelnaceous fibers: Remove infested articles from storage, brush thoroughly, and air for several hours in sunlight, if possible. Apply spray liberally to empty chests, closets, bureaus and other storage directing the spray into cracks, joints and crevices.

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After airing, infested articles may be treated by spraying lightly, keeping nozzle at least 3 feet from fabric to avoid staining. Test spray in an inconspicuous place before use.

Fleas in buildings-Space spray: Hold can 36 inches above floor and direct spray toward floor and lower walls at a rate of 10 seconds per 100 square feet making sure that all floor, sofa and chair surfaces are contacted. Leave room and keep area closed for 15 minutes. Open and ventilate before reoccupying. Repeat treatment after 7 days or as needed.

Fleas & Ticks (Adults and Larvae): Remove and thoroughly clean or destroy pet sleeping quarters, bed, entire floor and floor covering, with special attention to cracks and crevices around baseboards, and window and door frames. Infested upholstered furniture and mattresses may be treated with this product. A test application should be made to upholstery or drapery fabrics in an inconspicuous place before use.

READ ENTIRE LABEL BEFORE EACH USE. USE ONLY ON DOGS. Do not repeat treatment for (7) days. Do not use on puppies under twelve (12) weeks. Consult a veterinarian before using this product on debilitated, aged, pregnant, nursing or medicated animals. Sensitivities may occur after using ANY pesticide product for pets. If signs of sensitivity occur, bathe your pet with mild soap and rinse with large amounts of water. If signs continue, consult a veterinarian immediately. In case of emergency, call 1-800-548-2423 (Animal Poison Control Center).

To Control, Fleas, Ticks and Lice on dogs: Note: Do not use on cats. Starting at the head, stroke against the lay of the hair, spraying the parted fur in short bursts, directly behind the hand to insure penetrating the coat. Dampen the fur back to the tail. Repeat application weekly if necessary to control infestations.

To Kill, Lice and Louse eggs: Spray in an inconspicuous area to test for possible staining or discoloration. Inspect again after drying, then proceed to spray entire area to be treated. Hold container upright with nozzle away from you. Depress valve and spray from a distance of 8 to 10 inches. Spray each square foot for three seconds. Spray only those garments and parts of bedding, including mattresses and furniture that cannot be either laundered or dry cleaned. Allow all sprayed articles to dry thoroughly before use.

In Animal Quarters and Milk Rooms: For rapid control of House Flies, Mosquitoes, Gnats, Wasps, Hornets, Bees and Small-Flying Moths close windows and doors and spray at a rate of 2 seconds per 1000 cubic feet of space. For best results, keep area closed for 10 minutes after spraying. Do not remain in treated area and ventilate after treatment is completed.

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To Treat Livestock: To protect beef cattle, dairy cattle, goats, sheep, hogs and horses from attacks of **Stable Flies, Horse Flies, Deer Flies, Face Flies, House Flies, Horn Flies, Mosquitoes and Gnats:** Spray about 3 seconds on each side being careful to spray back, withers and forelegs thoroughly. To protect from **Face Flies,** spray the face and head, but do not spray into eyes. Repeat treatment when flies are troublesome.

For Swine: Do not ship animal for slaughter within 5 days of last treatment.

To Control Blood Sucking Lice: Apply to the infested areas of the animal, using a stiff brush to get the spray to the base of the hair. Repeat every 3 weeks if required.

To Control Poultry Lice, spray roosts, walls and nests or cages thoroughly. This should be followed by spraying over the birds with a fine mist.

For Control of Bedbugs and Mites, in poultry houses, spray crevices of roost poles, cracks in walls and cracks in nests where the bedbugs and mites hide.

OUTDOORS:

To kill Wasps, Hornets and Yellow Jackets under eaves, screens, window frames, doors, patios, cracks, holes or crevices wherever insects are noticed spray for about 1-2 seconds or until surfaces are moist. To prevent entrance of insects into the house spray around points where insects enter such as outside plumbing, faucets, etc., and cracks or crevices in foundation as well as along sills and ledges.

For best results, spray in early morning or late evening when insect activity is minimal. Stand a safe distance from nest and not directly underneath. (Remove protective cap.) Hold can upright and point spray opening toward nest with wind at your back. Spray until nest is thoroughly saturated to kill the entire nest population. Residual action will kill wasps and hornets returning to the nest. Wait at least 24 hours before removing the nest.

Flying Insects: Flies, Mosquitoes, Gnats, Small Flying Moths, Hornets, Wasps and Yellow Jackets. Direct spray toward bushes or grass from at least 4 to 6 feet away. Give special attention to breeding areas such as garbage cans and compost piles. Repeat as necessary.

Mud Daubers: Spray directly on insects and their nests from approximately 2 feet away. Applications should be made in late evening when insects are at rest. Spray into hiding and breeding places contacting as many insects as possible.

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Crawling Insects: Ants, Cockroaches, including Asian Cockroaches, Crickets, Mole Crickets, Centipedes and Silverfish. Spray infested surface of patio or picnic area, hitting as many insects as possible. Also spray legs of tables and chairs to repel ants. Spray ant hills for best control.

Do not apply or contaminate feed, foodstuffs, dishes or utensils. Avoid Spraying vegetation directly.

For information on pesticide products (including health concerns, medical emergencies, or pesticide incidents), call the National Pesticide Telecommunications Network at 1-800-858-7378.

Notice: Buyer assumes all responsibility for safety and use not in accordance with directions.

Bonide Products, Inc.

Yorkville, NY 13495