

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

~~305516649~~  
174

Mr. James J. Wurz  
Bonide Products, Inc.  
2 Wurz Avenue  
Yorkville, NY 13495

29 JAN 1997

Dear Mr. Wurz:

Subject: Bonide Permakil RTU Permethrin Spray  
EPA Reg. No. 4-358  
12/20/96 Submission of Amended Labeling to Add Insects

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

1. Submit EPA form 8570-27 (formulator's exemption statement).
2. The product also bears directions for controlling livestock pests and pests in livestock buildings. Thus, the following bullet should be added to the front panel: "To Control Pests of Livestock".
3. 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 sec. 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.

Sincerely,

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

Enclosure

CONCURRENCES							
SYMBOL							
SURNAME	<i>[Signature]</i>						
DATE	1/30/97						

FRONT PANEL

# BONIDE

RTU	PERMETHRIN SPRAY
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EPA Est. No. 4-NY-1

EPA Reg. No. 4-358

FOR DOMESTIC USE BOTH INDOORS AND OUTDOORS

FOR CONTROL OF FLEAS, BROWN DOG AND DEER TICKS, AND LICE ON PREMISES AND DOGS

CONTROLS FLEAS AND TICKS ON DOGS FOR 35 DAYS AND AIDS IN CONTROL OF TICKS ON DOGS FOR AN ADDITIONAL 2 WEEKS

ACTIVE INGREDIENT:

\*Permethrin ..... 0.50%

INERT INGREDIENTS: ..... 99.50%

TOTAL 100.00%

\*(3-phenoxyphenyl) methyl (+/-) cis/trans 3-(2,2-dichloroethenyl) 2,2-dimethylcyclopropanecarboxylate, Cis/trans ratio: min. 35% (+/-) cis and max. 65% (+/-) trans.

KEEP OUT OF REACH OF CHILDREN

## CAUTION

See back panel for additional precautionary statements

ACCEPTED  
with COMMENTS  
in EPA Letter Dated

29 JAN 1997

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

4-358

REC'D  
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1997

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS & DOMESTIC ANIMALS - CAUTION

Wash thoroughly after handling and before smoking or eating. Avoid contamination of feed and foodstuffs. Remove pets and birds and cover fish aquaria before surface applications. Do not use on humans. Do not allow children or pets to contact treated areas until surfaces are dry.

DIRECTIONS FOR USE

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

SHAKE WELL BEFORE USING

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log 7

INDOOR APPLICATION

For spot application only. Do not use as a space spray indoors. Do not apply to classrooms while in use. In the home, all food processing surfaces and utensils should be covered during treatment or thoroughly washed before use. Exposed food/feed should be covered or removed.

SURFACE SPRAYING:

To control Cockroaches, Waterbugs, Palmetto Bugs, Scorpions, Millipedes, Centipedes, Sowbugs, Pillbugs, Ants, Silverfish, Firebrats, Spiders, Crickets, Clover Mites, Cheese Mites, Granary Weevils, Rice Weevils, Confused Flour Beetles, Rust Red Flour Beetles, Drugstore Beetle, Meal Worms, Grain Mites and Cadelles: Direct the spray into hiding places, cracks and crevices, and behind shelves and drawers. For silverfish, spray bookcases. For ants, spray trails, nests and points of entry.

To control Carpet Beetles: Spray edges of carpeting and under carpeting and rugs. Make localized application to floor and baseboards, moldings, and floors. Repeat treatment as needed.

To control Fleas (adults and larvae) and Ticks, including Ticks which may carry Lyme disease (adult and larvae): Thoroughly spray infested areas, pet beds, resting quarters, nearby cracks and crevices, along and behind baseboards, moldings, window and door frames, and entire areas of floor and floor covering. Fresh bedding should be placed in animal quarters following treatment. Repeat treatment as needed. Allow to dry thoroughly before allowing pets to contact treated areas.

To control Clothes Moths: Remove any 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 storages directing the spray into cracks, joints and crevices. After airing, infested articles may be treated lightly, keeping nozzle at least three feet from fabric to avoid staining.

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. Spray from a distance of 8 to 10 inches. Treat only those garments and parts of bedding, including mattresses and furniture that cannot be either laundered or dry cleaned. Allow all treated articles to dry thoroughly before use.

ON LIVESTOCK

To protect cattle (beef and dairy), goats, sheep, hogs, and horses from Horn Flies, Face Flies, House Flies, Mosquitoes, and Gnats: Apply a light mist sufficient to wet the surface of the hair. For face flies, spray face and head, but do not spray into eyes.

To control Stable Flies, Horse Flies, and Deer Flies: Apply at a rate of 2 ounces per adult animal, sufficient to wet the hair thoroughly. Repeat treatment daily or at intervals necessary to give continued protection.

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.

To control Bedbugs and Mites in poultry houses: Spray crevices of roost poles, cracks in walls, and cracks in nests where the bedbugs and mites hide.

ON DOGS

To control Fleas, Ticks, and Lice: Start spraying at the tail moving the dispenser rapidly and making sure that the animal's entire body is covered, including the legs and underbody. While spraying, fluff the hair so that the spray will penetrate to the skin. Make sure spray wets thoroughly, but do not saturate animal. Do not spray into eyes or face. Avoid contact with genitalia. Use protective gloves or mitts when applying product. Repeat as necessary.

OUTDOOR APPLICATION

TO CONTROL TICKS, INCLUDING TICKS WHICH MAY CARRY LYME DISEASE (PERIMETER TREATMENT):

Use Bonide RTU Permethrin Spray as a residual treatment to control Ticks including the Deer Tick (Ixodes dammini), Lone Star Tick (Amblyomma americanum), Brown Dog Tick (Rhipicephalus sanguineus), American Dog Tick (Dermacentor variabilis) and Western Black-legged Tick (Ixodes pacificus).

For each areas listed below, apply until surface is wet (approximately 1 gal/750-1000 ft<sup>2</sup>).

Treat around windows and doors, porches, screens, eaves, patios, garages, under stairways, and in crawl spaces where these pests may enter.

Treat a band of vegetation and leaf litter 6 to 10 feet wide around and the outside of buildings to help control ticks occurring there.

To help control ticks in outdoor activity areas, treat a band of vegetation and leaf litter 6 to 10 feet wide and adjacent to activity areas, especially where dense vegetation occurs.

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Re (add) Page 7(b.) X

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FOR CONTROL OF GARDEN INSECTS:

For use on roses, dahlias, aster and other ornamentals to kill Japanese Beetles hit by spray as well as Whiteflies, Aphids, Exposed Thrip, Spiders, Red Mites and Leafminers. May be used on plants as a multi-purpose spray in small gardens and for spot treatments of incipient insect infestations to prevent spreading in large garden areas.

May also be used on other plants such as African violets, asters, azaleas, begonias, camellias, carnations, chrysanthemums, dahlias, delphiniums, dogwoods, English ivy, eunonymus, fuschia, geraniums, crassula, grape vines, Kentia palms, laurels, marigolds rhododendrons, roses, rubber plants, snapdragons, stocks, wandering Jews, and zinnias.

Effective when used as directed against Whiteflies, Aphids, Spider and Red Mites, exposed Thrips, Lace Bugs, Japanese Beetles, Pavement Ants, Clover Mites, and Armyworms.

When spraying plants, do not operate closer than 18 inches. Use sweeping motion. Be cautious about wetting tender foliage, young plants and new growth. Do not spray plants when temperatures exceed 90°F. Contact insects directly whenever possible. Repeat treatment as infestations occur.

STORAGE AND DISPOSAL

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

Do not reuse container. Wrap container in several layers of newspaper and discard in trash.

ENVIRONMENTAL HAZARDS

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

Do not contaminate water when disposing of equipment washwaters.

Buyer assumes all risks of use, storage, or handling of this product not in strict accordance with directions given herewith.

manufactured by:  
BONIDE PRODUCTS, INC., YORKVILLE, NY 13495

(a) **READ ENTIRE LABEL BEFORE EACH USE. USE ONLY ON DOGS ~~OR CATS~~.** Do not repeat treatment for seven (7) days. Do not use on puppies ~~or kittens~~ under twelve (12) weeks. Consult a veterinarian before using this product on debilitated, aged, pregnant, nursing or medicated animals.

(b) 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 an emergency, call 1-800-548-2423 (Animal Poison Control Center).

(1) Affix trigger sprayer to container for application. Do not transfer to another container.

(2) **To Control Fire Ants:** Apply 1 gallon as a gentle rain to each fire ant mound using a sprinkler can or other applicator. Thoroughly wet the mound and surrounding area to a 4 foot diameter. For best results, apply in cool weather, 65-80°F, or in early morning or late evening hours. Treat new mounds as they appear. Do not disturb the mound prior to treatment. If possible, treat all mounds in the vicinity, and treat all colonies which may not as yet have constructed a mound. Do not use equipment that produces a pressurized spray as pressurized sprays may disturb fire ants and cause migration, reducing product effectiveness.

**Pests on Outside Surfaces of Buildings:** Use this product to control ants, clover mites, crickets, earwigs, millipedes and sowbugs (pillbugs) on the outside surfaces of buildings. To help prevent infestation of buildings, treat the building foundation to a height of 2 to 3 feet where pests are and may find entrance. Also, apply as a residual spray to outside surfaces of buildings, including porches, screens, window frames, eaves, patios, garages, refuse dumps and other areas where these pests congregate or have been seen. Repeat treatment as needed to maintain effectiveness.

**House Flies, Mosquitoes, Cluster Flies, Gnats, Flying Moths Outdoors:** For outdoor use only as an aid in reducing annoyance from these insects. Spray outside surfaces of screens, doors, window frames or wherever these insects may enter the room. Also treat surfaces around light fixtures on porches, in garages and other places

where these insects alight or congregate. Repeat as necessary.

**Ants, Lone Star Ticks, Crickets, Fleas and Earwigs Outdoors:**

For treatment of localized infestations of these insects in outdoor areas where there are weeds or bushy non-crop areas, spray infested areas thoroughly. For ants, thoroughly wet hills and runways. Repeat applications as infestations warrant and as reinfestations occur.

**Wasps, Hornets, Yellow Jackets, Bees Outdoors:**

Application should be made in late evening when insects are at rest. Aim spray at nest openings in ground, bushes and in cracks and crevices which may harbor nests, saturating nest openings and contacting as many insects as possible.