



OFFICE OF CHEMICAL SAFETY AND POLLUTION PREVENTION

WASHINGTON, D.C. 20460

April 28, 2025

Rebecca M. Horton
Consultant/Agent for
BONIDE PRODUCTS, LLC
6301 Sutliff Road
Oriskany, NY 13424

Subject: Label Amendment - Registration Review Mitigation for Permethrin
Product Name: Bonide Mosquito Insect Spray
EPA Registration Number: 4-454
Application Dates: February 8, 2021
Decision Numbers: 570526 and 570536
Case Numbers: 00477784 and 00478567

Dear Rebecca M. Horton:

The Agency, in accordance with the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, has completed reviewing all the information submitted with your application to support the Registration Review of the above referenced product in connection with the Permethrin and Tetramethrin Interim Decision, and has concluded that your submission is acceptable. The label referred to above, submitted in connection with registration under FIFRA, as amended, is acceptable.

Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under the Federal Insecticide, Fungicide, and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance Assurance.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling and must be used at your next label printing. You must

submit one copy of the final printed labeling before you release the product for shipment with the new labeling. In accordance with 40 CFR 152.130(c), you may distribute or sell this product under the previously approved labeling for 12 months from the date of this letter. After 12 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. "To distribute or sell" is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR 152.3.

If you have any questions about this letter, please contact Michelle Nolan by phone at (202) 566-2237, or via email at nolan.michelle@epa.gov.

Sincerely,

A handwritten signature in dark ink, appearing to read "Kevin Costello", is positioned above the typed name.

Kevin Costello, Branch Chief
Risk Management and Implementation Branch 2
Pesticide Re-Evaluation Division
Office of Pesticide Programs

ENCLOSURE: Stamped label



ACCEPTED

Apr 28, 2025

Under the Federal Insecticide, Fungicide
and Rodenticide Act as amended, for the
pesticide registered under

EPA Reg. No.

4-454

MOSQUITO INSECT SPRAY

Optional Marketing Statements:

- Intended for Household [Residential] Use
- For Indoor and Outdoor Use
- Ready-To-Use
- Provides Quick Killing Action and Residual Control
- Economical Do-It-Yourself Pest Control
- High Knockdown & Kill
- For control of annoying pests including gnats, flies, mosquitoes, ants, spiders, earwigs, hornets
- Easy-To-Use
- Kills On Contact
- Kills Fast
- Keeps Killing for up to 4 Weeks [12 Weeks, 3 Months]
- Kills Fleas & Ticks
- Kills Fire Ants
- Kills Home Invading Pests
- Kills Spiders and Scorpions
- Kills Roaches, Ants and Fleas on Contact
- A Broad Spectrum Insecticide Highly Effective Against Ants, Bees, Carpenter Ants, Carpet Beetles, Centipedes, Flies, Flour Beetles, Gnats, Grain Beetles, Ground Beetles, Hornets, Millipedes, Mole Crickets, Mosquitoes, Moths, Pillbugs, Scorpions, Silverfish, Sowbugs, Spiders, Ticks, Wasps, Yellow Jackets and other Crawling and Flying Insects

ACTIVE INGREDIENT:

Tetramethrin.....0.10%

Permethrin.....0.25%

Piperonyl Butoxide0.50%

OTHER INGREDIENTS*:.....99.15%

100.00%

*Contains petroleum distillate.

KEEP OUT OF REACH OF CHILDREN

CAUTION

See Back/Side/Other Panel for Additional Precautionary Statements and First Aid

NET CONTENTS:_____

EPA Reg. No. 4-454

Oct. 3, 2024 Permethrin/Tetramethrin IRRD

EPA Est. No. 4-NY-1

Page 1 of 6 Pages

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 and before eating, drinking, chewing gum, using tobacco, or using the toilet. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

ENVIRONMENTAL HAZARDS

This pesticide is extremely toxic to aquatic organisms, including fish and invertebrates. To protect the environment, do not allow pesticide to enter or run off into storm drains, drainage ditches, gutters or surface waters. Applying this product in calm weather when rain is not predicted for the next 24 hours will help to ensure that wind or rain does not blow or wash pesticide off the treatment area. This pesticide is highly toxic to bees exposed to direct treatment on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops while bees are actively visiting the treatment area.

FIRST AID	
Call a poison control center or doctor immediately for treatment advice.	
If in Eyes:	<ul style="list-style-type: none">• Hold eye open and rinse slowly and gently with water for 15-20 minutes.• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.
If Swallowed:	<ul style="list-style-type: none">• Immediately call a poison control center or a doctor.• Do not induce vomiting unless told to do so by a poison control center or doctor.• Do not give any liquid to the person.• Do not give anything by mouth to an unconscious person.
HOT LINE NUMBER	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For information on pesticide products (including health concerns, medical emergencies or pesticide incidents), call the National Pesticide Information Center at 1-800-858-7378.	
NOTE TO PHYSICIAN	
Contains petroleum distillate – vomiting may cause aspiration pneumonia.	

DIRECTIONS FOR USE

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

For both indoor and outdoor use.

Use Restrictions

Do not apply this product in a way that will contact adults, children, or pets, either directly or through drift. Remove pets, birds, and cover fish aquariums before spraying.

Do not allow adults, children, or pets to enter the treated area until sprays have dried. Remove or cover exposed food and drinking water before application. Remove or cover dishes, utensils, food processing equipment, and food preparation surfaces, or wash them before use.

Do not use in commercial food/feed handling establishments, restaurants, or other areas where food is commercially prepared or processed or served.

Application is prohibited directly into sewers or drains, or to any area like a gutter where drainage to sewers, storm drains, water bodies, or aquatic habitat can occur.

[



Do not allow to enter indoor or outdoor drains.

No permita la entrada a desagües internos o externos.

]

Do not apply this product with a sponge. Do not wet articles to the point of runoff or drip. Do not use treated article until spray has dried. Do not apply as a broadcast to indoor surfaces at residential sites. Treat surfaces to ensure thorough coverage but avoid runoff. To treat insects harbored in voids and cracks-and-crevices, applications must be made in such a manner to limit dripping and avoid runoff onto untreated structural surfaces and plants.

OUTDOORS:

Spray Applications – [Affix trigger sprayer to bottle. Turn nozzle to on position.] [Use pump-up or other mechanical sprayer. Do not dilute this product.] Point sprayer away from face. For best results, spray when air is calm. Spray with wind if breeze is blowing. Spray surface until slightly wet (at a rate of 4 ounces of product to treat approximately 25 square feet of surface area.) Repeat treatment when insects return, but not more than once per week.

Do not use on edible crops.

Not for use in outdoor residential misting systems.

All outdoor spray applications must be limited to spot or crack-and-crevice treatments only, except for the following permitted uses:

- 1) Application to pervious surfaces such as soil, lawn, turf, and other vegetation;
- 2) Perimeter band treatments of 7 feet wide or less from the base of a man-made structure to pervious surfaces (e.g., soil, mulch or lawn);
- 3) Applications to vertical surfaces (such as the side of a man-made structure) directly above impervious surfaces (e.g., driveways, sidewalks, etc.), up to 2 feet above ground level;
- 4) Applications to vertical surfaces directly above pervious surfaces, such as soil, lawn, turf, mulch or other vegetation) only if the pervious surface does not drain into ditches, storm drains, gutters, or surface waters.

Do not make outdoor applications during rain. Avoid making applications when rainfall is expected before the product has sufficient time to dry (minimum 4 hours). Rainfall within 24 hours after application may cause unintended runoff of pesticide application. Do not apply when windspeed is greater than 15 mph.

Spot treatments must not exceed two square feet in size (e.g., 2 ft x 1 ft or 4 ft x 0.5 ft.)

For soil or foliar applications, do not apply by ground within 25 feet of lakes, reservoirs, rivers, permanent streams, marshes or natural ponds, estuaries and commercial fish farm ponds. Do not apply the product into fish pools, ponds, streams, or lakes. Do not apply directly to sewers or storm drains, or to any area like a drain or gutter where drainage to sewers, storm drains, water bodies, or aquatic habitat can occur. Do not allow the product to enter any drain during or after application. Do not apply directly to impervious horizontal surfaces such as sidewalks, driveways, and patios except as a spot or crack-and-crevice treatment. Do not apply or irrigate to the point of runoff.

Pests on Outside Surfaces of Buildings: For control of building infestations of *ants*, *clover mites*, *crickets*, *earwigs*, *millipedes* and *sowbugs (pillbugs)*, spray foundation of building where insects are active and may find entrance up to a height of 3 feet. Apply as a spot or crack-and-crevice spray to outside surfaces of buildings where insects tend to congregate. Spray areas include screens, window frames, eaves, porches, patios, garages and refuse dumps. Repeat treatment if insects return but not more than once per week.

Crawling insects: *ants*, *cockroaches*, *crickets* and *silverfish*, hold sprayer two (2) to three (3) feet from surface to be treated and apply as a spot or crack-and crevice spray to lightly moisten infested surface of patio or picnic area, hitting as many insects as possible. Also spray legs of tables and chairs.

Ants, lone star ticks, deer ticks, crickets, fleas & earwigs: Apply thoroughly to infestation in bushes, grass or weeds. For *ants*, spray on and around hills and trails until damp. Spray nests hidden under steps, brickwork and concrete. Break apart accessible nests and spray on and around debris.

Flying insects: *flies, mosquitoes & gnats:* Apply as a spot or crack-and-crevice spray around areas of entry such as doors and window frames. Also spray areas of infestation around garbage and refuse.

Wasps, hornets, yellow jackets & bees: Application should be made in late evening when insects are at rest. Point spray opening away from face. Aim spray at nest openings in bushes, under eaves, chimneys, cracks & crevices. Thoroughly saturate nest with spray, contacting as many insects as possible.

INDOORS:

Spray Applications – [Affix trigger sprayer to bottle. Turn nozzle to on position.] [Use pump-up or other mechanical sprayer. Do not dilute this product.] Point spray away from face. Spray surface until slightly wet (at a rate of 4 ounces of product to treat approximately 25 square feet of surface area.) Repeat treatment when insects return, but not more than once per week.

Cockroaches, ants, boxelder bugs, crickets, dermestids, firebrats, fleas, palmetto bugs, silverfish, sowbugs, ticks & waterbugs: Apply to all areas where these pests crawl and hide, especially in cracks and crevices and hidden areas around sinks and storage areas, behind baseboards, around doors and windows, behind and under refrigerators, cabinets, sinks and stoves, the underside of shelves, drawers and bookcases. When pests are driven out, spray directly.

Ants: Spray around ant trails, doors and windows where ants enter premises.

Carpenter Ants: For effective control, locate and treat nests and surrounding areas. Apply around doors and windows where ants enter premises and where they crawl and hide. Spray into infested wood through existing openings.

Fleas & Ticks: Apply in infested areas such as pet beds and resting quarters, nearby cracks and crevices, under the edges of rugs and floor coverings, and between and under cushions of upholstered furniture where these pests may be present. Old bedding of pets should be removed and replaced with clean fresh bedding after treatment of pet areas. Do not use directly on pets. For best results, pets should be treated with an appropriate flea and/or tick control product registered for use on pets before allowing them to return to the treated area.

Spiders: Apply along and behind baseboards, to window and door frames, corners, pipes, storage localities, and crawl spaces over which these pests may crawl. Also spray webbing contacting spiders directly where possible.

Earwigs, ground beetles, millipedes, mole crickets, pillbugs, sowbugs, scorpions & ticks: Apply around doors and windows where these pests may enter premises. Treat baseboards and storage areas where these pests are found.

PANTRY PESTS – grain beetles, flour beetles, cigarette beetles, clover mites, cluster flies, drugstore beetles, elmleaf beetles, rice weevils, lesser grain borers, spider beetles, & tobacco moths: Treat exposed stages. Remove all foodstuffs, utensils and shelf paper from area to be treated. Discard used shelf paper and any infested foodstuffs. Apply spray to shelves and in cracks and crevices behind and under cupboards and cabinets. Allow spray to dry prior to replacement of shelf paper, food and utensils.

Carpet beetles: Spray on and under edges of floor coverings, under rugs and furniture and in closets where these insects are found.

Webbing clothes moths: Use this product as a crack and crevice treatment in closets and storage areas where these pests are found. This is an adjunct treatment and will not control moth larvae already on clothes. Do not apply to clothing.

STORAGE & DISPOSAL

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

Pesticide Storage: Store in a cool, dry area away from children.

Pesticide Disposal: If partly filled – Do not pour or dispose down-the-drain or sewer. Call your local solid waste agency for disposal instructions.

Container Disposal: If empty – Nonrefillable container. Do not reuse or refill this container. Place in trash or offer for recycling if available.

WARRANTY STATEMENT

Our recommendations for use of this product are based upon tests believed to be reliable. The use of this product being beyond the control of the manufacturer, no guarantee, express 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. To the extent consistent with applicable law, the

buyer must assume all responsibility, including injury or damage, resulting from its misuse as such, or in combination with other materials.

Questions, Concerns, Comments? Write to:

Bonide Products, LLC

Customer Services

6301 Sutliff Road

Oriskany, NY 13424

[] Denotes alternate text in addition to any subset of the directions for use.

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