

4-392

08-02-2011

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460-0001



OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

August 2, 2011

Rebecca Horton  
Bonide Products Inc.  
6301 Sutliff Road  
Oriskany, NY 13424

Subject: Amended Reregistration Label  
Product Name: Bonide Wasp & Hornet Spray  
EPA Registration Number: 4-392  
EPA Decision Numbers: 436025, 413498, and 411175

Dear Ms. Horton:

The Agency, in accordance with the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, has completed reviewing all of the information submitted with your application to support the reregistration of the above referenced product in connection with the permethrin, piperonyl butoxide (PBO) and tetramethrin REDs, and has concluded that your submission is acceptable.

NOTE: This product is not being reregistered under sections 3(c)5 and 4(g) of FIFRA at this time.

Please be reminded that 40 CFR Part 156.140(a)(4) requires that a batch code, lot number, or other code identifying the batch of the pesticide distributed and sold be placed on non-refillable containers. The code may appear either on the label or durably marked on the container itself, and can be added by non-notification per PRN 98-10.

Please note that the record for this product currently contains the Confidential Statements of Formulation (CSFs) listed below. Any previously dated CSFs are superseded.

- Basic CSF, dated 2/8/11

A copy of your label stamped "Accepted" is enclosed along with copies of the acute toxicity and product chemistry reviews completed for the subject product. Products shipped after 12 months from the date of this amendment or the next printing of the label whichever

occurs first, must bear the new revised label. Your release for shipment of the product bearing the amended label constitutes acceptance of these conditions. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e).

If you have any questions about this letter, please contact Jennifer Urbanski at 703-347-0156 or [urbanski.jennifer@epa.gov](mailto:urbanski.jennifer@epa.gov).

Sincerely,



*RJG*  
Richard J. Gebken  
Product Manager (10)  
Insecticide Branch  
Registration Division (7504P)

*Enclosures: Label stamped "Accepted," dated 8/2/11  
Acute Toxicity Review, dated 6/10/10  
Product Chemistry Reviews, dated 1/11/11 and 2/24/11*

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[FRONT PANEL]



# WASP & HORNET SPRAY

[Additional Brand Names: Termite & Carpenter Ant Killer; Ant, Roach & Spider Killer; Bonide Flying & Crawling Insect Killer, Wasp & Hornet Killer; ACO Hardware Wasp and Hornet Killer]

Optional Marketing Statements:

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 Depleting 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

Kills Exposed Termites\*, Exposed Carpenter Ants, Carpenter Bees and Listed Wood Destroying Insects.

Triple Action Instant Knockdown Formula

**ACCEPTED**  
AUG 0 2 2011

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

EPA. Reg. No: 4-392

**ACTIVE INGREDIENTS:**

Tetramethrin (CAS #7696-12-0)..... 0.10%

Permethrin (CAS #52645-53-1)..... 0.25%

Piperonyl Butoxide\* (CAS #51-03-6)..... 0.50%

**OTHER INGREDIENTS:**..... 99.15%

**TOTAL**..... 100.00%

\*(butyl carbityl)(6-propylpiperonyl) ether and related compounds

Contains Petroleum Distillates

**KEEP OUT OF REACH OF CHILDREN**

## CAUTION

See back/side/other panel(s) for additional Precautionary Statements & First Aid.

**NET WEIGHT:** \_\_\_\_\_

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EPA Est. No. \_\_\_\_\_  
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[BACK/SIDE/OTHER PANEL(S)]  
**READ ENTIRE LABEL BEFORE EACH USE.**

|  |   |
|--|---|
| <b>FIRST AID</b>   |   |
| Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact the National Pesticide Information Center at 1-800-858-7378 for emergency medical treatment information. |   |
| <b>If in Eyes:</b>   | <ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul> |
| Note to Physician: Contains petroleum distillate. May pose an aspiration pneumonia hazard.   |   |

**PRECAUTIONARY STATEMENTS**  
**HAZARDS TO HUMANS AND 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. Remove contaminated clothing and wash clothing before reuse.

**ENVIRONMENTAL HAZARDS**

This pesticide is extremely toxic to aquatic organisms, including fish and invertebrates. Do not apply directly to water. Do not apply when weather conditions favor drift from treated areas. Drift and runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. See Directions for Use for additional precautions and requirements.

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 or weeds while bees are actively visiting the treatment area.

**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° 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. Intended for residential use.

**Restrictions**

Except when applying to dogs or livestock, do not apply this product in a way that will contact adults, children, or pets, either directly or through drift. Except when applying to dogs or livestock, only protected handlers may be in the area during application; do not enter or allow others to enter until sprays have dried and vapors, mists, and aerosols have dispersed, and the treated area has been thoroughly ventilated. Do not remain in treated area. Exit area immediately and remain outside the treated area until aerosols, vapors, and/or mists have dispersed.

Not for broadcast on indoor residential surfaces. Do not apply when food is present. Remove or cover dishes, utensils, food processing equipment, and food preparation surfaces, or wash them before reuse. Do not use in food areas of food handling establishments, restaurants or other areas where food is commercially prepared or processed. Do not use in serving areas while food is exposed or facility is in operation. Serving areas are areas where prepared foods are served, such as dining rooms, but excluding areas where foods may be prepared or held.

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 the product to enter any drain during or after application.

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

- (1) Treatment to soil or vegetation around structures;
  - (2) Applications to building foundations, up to a maximum height of 3 feet.
- Other than applications to building foundations, all outdoor applications to impervious surfaces such as sidewalks, driveways, patios, porches and structural surfaces (such as windows, doors, and eaves) are limited to spot and crack-and-crevice applications only.

**STORAGE AND DISPOSAL**

**Pesticide Storage:** Store and transport in an upright position. Store in a cool dry area inaccessible to children or pets.

**Container Handling & Disposal:** Do not puncture or incinerate. *If empty* – Place in trash or offer for recycling if available. *If partly filled* – Call your local solid waste agency for disposal instructions.

**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. Sweep up and discard fallen insects.

**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.

\*Not for use in California

**Ants:** Spray trails, nests and points of entry. Spray on ants where possible.

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

\*Application of this product for termites is to kill workers or winged reproductive forms which may be present in treated channels at the time of treatment. Such applications are not a substitute for mechanical alteration, soil treatment or foundation treatment but are merely a supplement. This product is not recommended as sole protection against termites. For active termite infestations, get a professional inspection.

**Indian Meal Moths, Angoumois 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.

**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. Repeat application weekly, if needed. 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. Allow all treated articles to dry thoroughly before use.

**Bedbugs:** Spray mattresses, particularly around tufts and seams. Take beds apart and spray into all joints. Treat baseboards, moldings and floors. Allow all treated 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 proteinaceous 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. 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. Do not wet articles to point of runoff or drip. Do not use treated article until spray has dried. Dry clean treated clothes before wearing.

**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.

**Fleas in buildings – Space spray:** Hold can 36 inches from floor and spray at a rate of 10 seconds per 100 square feet. Repeat treatment after 7 days, if 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. Also, treat your yard with a product registered for yard application.

**To control Fleas, Ticks and Lice on Dogs: USE ONLY ON DOGS. DO NOT USE ON CATS.** 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).

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.

**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. When used in milk rooms or facilities: Close milk bulk tank lids to prevent contamination from spray and from dead or falling insects. Remove or cover milking utensils before application. Wash teats of animals before milking.

**To Treat Livestock:** To protect 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.

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**OUTDOORS:**

Do not water the treated area to the point of run-off. Do not make applications during rain.

**To kill Wasps, Hornets, Yellow Jackets and Carpenter Bees** 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 up to a maximum height of 3 feet, as well as along sills and ledges. Remove all exposed food and cooking utensils. Cover all food handling surfaces or wash thoroughly after treatment and before use. Do not use on edible crops.

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.

**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.

**Crawling Insects: Ants, Cockroaches, including Asian Cockroaches, Crickets, Mole Crickets, Centipedes\* and Silverfish.** Hold can two to three feet from surface to be treated and spray in infested surface of patio or picnic area, hitting as many insects as possible. Spray to slightly moisten the surface. Also spray legs of tables and chairs to repel ants. Spray ant hills for best control.

\*Not for use in California.

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

Notice: To the extent consistent with applicable law, buyer assumes all responsibility for safety and use not in accordance with directions.

**Bonide Products, Inc.**  
6301 Sutliff Road  
Oriskany, NY 13424

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