



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

February 1, 2021

Audra Star  
Regulatory Director  
Bonide Products, LLC  
6301 Sutliff Road  
Oriskany, NY 13424

Subject: Notification per PRN 98-10 – Add alternate brand names, marketing claims and update company name  
Product Name: BONIDE PYRENONE GARDEN SPRAY CONCENTRATE  
EPA Registration Number: 4-371  
Application Date: 10/13/2020  
Decision Number: 569677

Dear Ms. Star:

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 for the above referenced product. The Registration Division (RD) has conducted a review of this request for its applicability under PRN 98-10 and finds that the action requested falls within the scope of PRN 98-10.

The label submitted with the application has been stamped “Notification” and will be placed in our records.

The alternate brand names Pyrethrin Garden Insect Spray Concentrate, Bonide Pyrethrin Garden Insect Spray Concentrate, and Trusted since 1962 Bonide Pyrethrin Garden Insect Spray Concentrate have been added to the product record.

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.

If you have any questions, you may please contact Kaitlin Saunders at 703-347-8454 or by email at [Saunders.Kaitlin@epa.gov](mailto:Saunders.Kaitlin@epa.gov).

Sincerely,

A handwritten signature in black ink, appearing to read "Elizabeth Fertich". The signature is written in a cursive, flowing style.

Elizabeth Fertich  
Product Manager 04  
Invertebrate & Vertebrate Branch 1  
Registration Division (7505P)  
Office of Pesticide Programs

**NOTIFICATION**

4-371

The applicant has certified that no changes, other than those reported to the Agency have been made to the labeling. The Agency acknowledges this notification by letter dated:

02/01/2021



**PYRENONE® GARDEN SPRAY CONCENTRATE**

[Additional Brand Names: Bonide Multipurpose Pyrenone Insecticide Concentrate; Bonide Greenhouse, Houseplant & Vegetable Garden Spray; Total Pest Control Natural Pyrethrin Formula; Bonide Greenhouse & Vegetable Spray, **Pyrethrin Garden Insect Spray Concentrate, Bonide Pyrethrin Garden Insect Spray Concentrate, Trusted since 1926 Bonide Pyrethrin Garden Insect Spray Concentrate**]

Optional Marketing Statements:

A Pyrenone® Insecticide Concentrate

A Fast Acting, Effective Way to Kill Aphids, Beetles, Webworms, Leafhoppers and Many Other Yard and Garden Insects

Dilute with Water For Use on Vegetable and Ornamental Plants

Mixes Readily with Water to Make an Easy-to-Use Spray

Use Outdoors on Flowers, Roses, Trees and Shrubs, Ornamentals and Vegetables

Can be Used on Vegetables Till Day of Harvest

Provides Effective, Fast-Acting, Killing Power with No Objectionable Residue

**A fast acting way to kill listed insects**

**Fast acting**

**Kills on contact**

**[8 ounces] Makes up to 5 Gallons [of solution]**

**Pyrethrins are made from Chrysanthemum flowers**

**Instant Knockdown**

**ACTIVE INGREDIENTS:**

Pyrethrins (CAS #8003-34-7)..... 1.00%

\*Piperonyl Butoxide (CAS #51-03-6)..... 10.00%

†**OTHER INGREDIENTS:**..... 89.00%

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

\* (butylcarbityl)(6-propylpiperonyl) ether and related compounds.

†Contains petroleum distillate

PYRENONE – Registered Trademark of Bayer AG

**KEEP OUT OF REACH OF CHILDREN**

# CAUTION

See back/side/other panel(s) for additional precautionary statements and First Aid

NET CONTENTS: \_\_\_\_\_

| <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 on Skin or Clothing:</b>   | <ul style="list-style-type: none"><li>• Take off contaminated clothing.</li><li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li><li>• Call a poison control center or doctor for treatment advice.</li></ul>   |
| <b>If Inhaled:</b>   | <ul style="list-style-type: none"><li>• Move person to fresh air.</li><li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.</li><li>• Call a poison control center or doctor for further treatment advice.</li></ul>   |
| <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>   |
| <b>If Swallowed:</b>   | <ul style="list-style-type: none"><li>• Call poison control center or doctor immediately for treatment advice.</li><li>• Do not give <b>any</b> liquid to the person.</li><li>• Do not induce vomiting unless told to do so by the poison control center or doctor.</li><li>• Do not give anything by mouth to an unconscious person.</li></ul> |
| <b>NOTE TO PHYSICIAN:</b> Contains petroleum distillate – vomiting may cause aspiration pneumonia.   |   |

## PRECAUTIONARY STATEMENTS

### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**CAUTION:** Harmful if absorbed through skin. Avoid contact with skin, eyes or clothing. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse.

### ENVIRONMENTAL HAZARDS

This pesticide is 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. Rinsing application equipment over the treated area will help avoid run off to water bodies or drainage systems. This product 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.

## DIRECTIONS FOR USE

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

Not for use on plants being grown for sale or other commercial use, or for commercial seed production, or for research purposes.

### General Precautions and 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. Do not water the treated area to the point of run-off. Do not wet plants to point of runoff or drip. Do not make applications during rain. Not for use in outdoor residential misting systems.

### STORAGE AND DISPOSAL

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

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

**Pesticide Disposal:** *If partly filled* – Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.

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

Prepare only the amount of spray required. Holding dilute spray more than 24 hours is not recommended.

### VEGETABLES

Mix 1.5 fl. oz. (3 Tbs) in 1 gallon of water. Apply to insure thorough coverage of upper and lower leaf surfaces, but do not wet plants to point of runoff or drip. Outdoors – Do not exceed 1 gallon of dilute spray per 1,000 sq. ft. In greenhouses – Do not exceed 1 gallon of dilute spray per 10,000 sq. ft. Use caution on new growth and tender foliage. Do not apply more than 10 times per season. Do not reapply within 3 days except under extreme pest pressure. In case of extreme pest pressure do not reapply within 24 hours.

| CROP   | TO CONTROL  |
|--|---|
| Asparagus  | Asparagus Beetle  |
| Beans  | Aphids, Leafhoppers, 12-Spotted Cucumber Beetle, Whitefly, Mexican Bean Beetle  |
| Broccoli, Cabbage, Brussels Sprouts, Cauliflower | Aphids, Cabbage Looper, Cross-Striped Cabbageworm, Diamondback Moth Larvae, Flea Beetle, Harlequin Bug, Imported Cabbageworm, Stink Bug |
| Celery   | Green Peach Aphid, Leafminer, Cabbage Looper  |
| Cranberries                                      | Fireworms, Leafhopper   |
| Eggplants  | Blister Beetle, Colorado Potato Beetle, Flea Beetle, Green Peach Aphid  |
| Lettuce  | Cabbage Looper, Green Peach Aphid, Diamondback Moth Larvae, Imported Cabbageworm  |
| Mustard Greens, Kale,                            | Imported Cabbageworm, Diamondback Caterpillar, Aphids,  |

|                   |   |
|-------------------|---|
| Collards, Turnips | Cabbage Looper  |
| Peppers           | Green Peach Aphid   |
| Potatoes          | Aphids, Colorado Potato Beetle, Flea Beetle, Leafhoppers          |
| Radish            | Aphids, Flea Beetle   |
| Spinach           | Aphids, Cabbage Looper, Webworm                                   |
| Tomatoes          | Green Peach Aphid, Stink Bug, Colorado Potato Beetle, Flea Beetle |

**FLOWERS, ORNAMENTAL TREES & SHRUBS**

Mix 2.5 fl. oz. (5 Tbs) in 1 gallon of water--do not exceed 1 gallon of dilute spray per 1,000 sq. ft. Do not apply more than once a day. For spot treatment of localized areas, mix 7 fl. oz. in 1 gallon of water--do not exceed 1 gallon of dilute spray per 1,000 sq. ft.

| <b>ORNAMENTALS</b>  | <b><i>TO CONTROL</i></b>        |
|---|---------------------------------|
| Ornamentals (African Violets, Asters, Azaleas, Begonias, Camellias, Carnations, Chrysanthemums, Dahlias, Dogwoods, Geraniums, Gladioli, Marigolds, Roses, Rubber Plants, Wandering Jew, etc.) | Aphids, Flea Beetle, Leafhopper |

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

To the extent consistent with applicable law, buyer assumes all risks of use, storage or handling of this material not in strict accordance with directions given herewith.

Manufactured by:  
 Bonide Products, LLC  
 6301 Sutliff Road  
 Oriskany, NY 13424

[Batch Code inserted at production]  
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