

499-517

09/03/2013  
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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460-0001



OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

SEP - 3 2013

Ms. Dana Thomas  
Product Regulatory manager  
Whitmire Micro-Gen Research Laboratories, Inc.  
3568 Tree Court Industrial Boulevard  
St. Louis, MO 63122-6682

Subject: Amended Reregistration Label  
Product Name: TC-256 GH  
EPA Registration Number: 499-517  
EPA Decision Number(s): D411016; D411645 (for PBO)

Dear Ms. Thomas;

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 Pyrethrins RED, 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 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 Any previously dated CSFs are superseded.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 Sept 27, 2011
- Alternate CSF #1, dated Sept 27, 2011
- Alternate CSF #2, dated Sept 27, 2011

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 Rita Kumar at (703) 308-8291 or via e-mail at [kumar.rita@epa.gov](mailto:kumar.rita@epa.gov).

Sincerely,



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

*Enclosures: Label stamped "Accepted," dated  
Acute Toxicity Review, dated June 2, 2010  
Product Chemistry Review, dated December 19, 2011*

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# TC 256 GH Controlled Release Pyrethrins Liquid Concentrate

ALTERNATE BRAND NAME: Prescription Treatment® brand X-clude® CS Controlled Release Pyrethrins (added via Notification 5/22/07)

This product may be used on a variety of plants to kill the accessible stages of various plant pests and other insects.

**KILLS:** Aphids, Crickets, Earwigs, Fungus Gnats, Millipedes, Scale Insects, Thrips and Whiteflies

**FOR USE INDOORS AND OUTDOORS AT THE FOLLOWING SITES:** Florists, Garden Centers, Greenhouses, Hobby Greenhouses, Interiorscapes, Landscapes, Mushroom Houses and Nurseries

See inside booklet for complete plant and insect listings.

**ACTIVE INGREDIENTS:**

Pyrethrins\*, a botanical insecticide ..... 3.0%  
Piperonyl Butoxide\*\* ..... 15.0%

**OTHER INGREDIENTS:** ..... 2.0%

\* 1 gal contains 0.25 lb of Pyrethrins and 1.25 lb piperonyl butoxide  
\*\*(butylcarbityl)(6-propylpiperonyl) ether and related compounds.

ACCEPTED  
TOTAL: 100.0%  
SEP - 3 2013  
Under the Federal Insecticide, Fungicide,  
and Rodenticide Act, as amended, for the  
pesticide registered under:  
499-517  
EPA Reg. No.

**KEEP OUT OF REACH OF CHILDREN  
CAUTION**

[See back panel/inside booklet for First Aid, Precautionary Statements, Directions for Use and Storage and Disposal]

**AGRICULTURAL USE REQUIREMENTS**

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR Part 170. Refer to the "AGRICULTURAL USE REQUIREMENTS" in the DIRECTIONS FOR USE section for information about this standard.

EPA Reg. No. 499-517 • EPA Est. No. 7969-MO-1

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

**PRECAUTIONARY STATEMENTS**

**Personal Protective Equipment (PPE):** Applicators and other handlers must wear the following: Long-sleeved shirt, long pants, socks and shoes.

**User Safety Requirements:** Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

Discard clothing and other absorbent material that have been drenched or heavily contaminated with the product's concentrate. Do not reuse them.

**USER SAFETY RECOMMENDATIONS**

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

**ENVIRONMENTAL HAZARDS**

This product is toxic to aquatic organisms, including fish and invertebrates. Drift and run-off may be hazardous to aquatic organisms in water adjacent to treated areas. This product may contaminate water through runoff. This product has a potential for run-off for several months or more after application. Poorly draining soils and soils with shallow water tables are more prone to produce run-off that contains this product.

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.

Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment wash-waters or rinsate.

**DIRECTIONS FOR USE****IT IS A VIOLATION OF FEDERAL LAW TO USE THIS PRODUCT IN A MANNER INCONSISTENT WITH ITS LABELING.****AGRICULTURAL USE REQUIREMENTS**

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your state or tribe, consult the agency responsible for pesticide regulation.

Use this product only in accordance with its labeling and with the Worker Protection Standard (WPS), 40 CFR Part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, greenhouses and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE), notification to workers and restricted entry interval. The requirements in this box apply only to uses of this product that are covered by the WPS.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hr.

PPE required for early entry to treated areas that is permitted under the WPS and that involves contact with anything that has been treated, such as plants, soil or water is: coveralls over long-sleeved shirt and long pants, chemical-resistant gloves (made of any waterproof material), socks and shoes.

Notify workers of the application by warning them orally and by posting warning signs at entrances to treated areas.

**NON-AGRICULTURAL USE REQUIREMENTS**

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard (WPS) for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries or greenhouses.

**USE RESTRICTIONS**

- Apply this product only as specified on this label.
- Do not apply more than 1 time/day.
- Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected applicators may be in the treated area during application.
- When used as a surface or direct spray, do not allow children or pets to enter until sprays have dried.
- Do not spray where electrical short circuits might result, such as wall outlets, conduits, motors, switches, etc. Do not spray directly into any electronic equipment, such as radios, televisions, computers, telephones, etc.
- Do not make outdoor applications during rain.
- Do not wet plants to point of runoff or drip.
- For outdoor residential use: Do not water treated area to the point of runoff.
- Do not apply directly into sewers or drains, or to any area like a gutter where drainage to storm sewers, water bodies, or aquatic habitat can occur. Do not allow the product to enter any drain during or after application.
- Not for use in outdoor residential misting systems.

**HOW TO MIX**

Shake container well. Fill spray tank half full with water. Add the appropriate amount of concentrate according to the dilution table. Add remaining water to spray tank and mix well. Agitate material while using. Use 50 mesh screen in sprayer.

**DILUTION RATES**

**HEAVY INFESTATION:** 4 – 5 fl oz product per gallon of water.

**PREVENTIVE AND MAINTENANCE:** 1 – 2 fl oz-product

**KILLS ACCESSIBLE STAGES OF:** Aphids, Armyworms, Bees, Beetles, Bugs (Boxelder, Lace and Plant), Caterpillars (Cabbage Worms, Rose Slugs, Hornworms), Centipedes, Clover Mites, Colorado Potato Beetles, Crickets, Cucumber Beetles, Earwigs, Firebrats, Flea Beetles, Flies, Fruitworms, Fungus Gnats, Fungus Gnat Larvae, Grasshoppers, Japanese Beetles, Leafhoppers, Leafminers, Leafrollers, Loopers, Mealybugs, Millipedes, Mosquitoes (Southern House Mosquito or Culex Mosquitoes), Psylla, Rose Aphids, Rose Chafer, Scale Insects, Scorpions, Sowbugs, Spiders, Spider Mites, Stink Bugs, Tarnished Plant Bugs, Thrips, Wasps, Watermelon Beetles, Yellowjackets and Whiteflies

**FOR USE INDOORS AND OUTDOORS ON THE FOLLOWING PLANTS:** African Violets, Agapanthus, Ageratum, Aluminum Plant, Alyssum, Arrowhead, Aster, Azalea, Begonia, Bird's-nest Fern, Blue Spruce, Boston Fern, Bottlebrush, Cactus, Calendula, Camellia, Carnation, Celosia Jewel Box, Chrysanthemum, Cockscomb, Coleus, Cotoneaster, Crape Myrtle, Croton, Dahlia, Daisy, Dianthus, Dogwood, Dusty Miller, Dwarf Lilac, Escallonia, Euonymus, Flat-Topped Sedum, Floss Flower, Friendship Plant, Gardenia, Gazania, Geranium, Gold-Dust, Honeysuckle, Hydrangea, Ilex, Impatiens, Ivy, Jadeplant (Crassula), Japanese Aralia, Juniper, Leucothoe, Lilac, Malus, Maranta, Marigold, Mock-Orange, Mugho Pine, Nandina, Oleander, Orchid, Ornamental Evergreens, Osmanthus, Pachysandra,

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Master Label

v2.0.2 (8/16/13; dmt)

Periwinkle, Petunia, Pfitzer Juniper, Photinia, Pineapple Gauva, Pittosporum, Podocarpus, Primrose, Privit, Pyracantha, Raphiolepis, Rhododendron, Rose, Salvia, Sansevieria, Scarlet Sage, Snake Plant, Snapdragon, Soft Maple, Spider Plant, Star-Jasmine, Straw-Flower, Swedish Ivy, Sweet Pea, Tahitian Bridal Veil, Velvetplant (Gynura), Verbena, Virvia, Wandering Jew, Wax Plant, Zinnia.

**DO NOT USE ON:** Cyclamen, Nasturtium or Brilliant Diamond Poinsettias. Do not treat vegetable gardens.

Treat upper and lower foliage surfaces of plants uniformly.

**PHYTOTOXICITY INFORMATION:** This product has demonstrated excellent plant safety; however, all varieties of the plants listed have not been tested. When treating large numbers of plants of a single variety, treat a few plants and observe for phytotoxicity prior to full scale application.

Direct treatment to some open blooms may cause petal drop.

**APPLICATION INSTRUCTIONS**

**HOSE-END SPRAYERS:** Add water to the selected mark for the number of diluted gallons desired. Add the amount of product selected from the dilution instructions to obtain the desired dilution. Shake sprayer to disperse the product and shake occasionally during use to maintain dispersion.

**STRUCTURAL PERIMETER TREATMENT:** To reduce infestations of buildings, treat a band of soil 6 – 10 ft wide around and adjacent to the building. Also treat the building foundation to a height of 2 – 3 ft where pests are active and may find entrance. Treat other insect entry points and harborages such as doors, windows, under siding and eaves of structure. This product may be applied in compressed air, backpack or power spray equipment. Apply at the rate of 1 – 4 fl oz of concentrate per 1,000 ft<sup>2</sup> (see chart below). Apply with sufficient water to adequately cover the area being treated. Apply in such a manner to limit dripping and run-off on structural surfaces and plants.

**SUGGESTED MIXING RATES**

Application Rate/1,000 ft <sup>2</sup> (Amount of Concentrate in fl oz)	Tank Sizes in Gallons (Amount of Concentrate in fl oz)			
	1	3	15	50
1	1	3	5	10
2	2	6	10	20
3	3	9	15	30
4	4	12	20	40

**STORAGE AND DISPOSAL**

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

**PESTICIDE STORAGE:** Store in original container in secured, dry storage area. Do not store above 100°F for extended periods of time. Storage below 32°F may cause freezing. If container is damaged or spill occurs, use product immediately or dispose of product and damaged container as indicated below.

**PESTICIDE DISPOSAL & CONTAINER HANDLING:** Wastes resulting from the use of this product may be disposed of on site, in accordance with the label directions, or at an approved waste disposal facility.

Nonrefillable container. Do not reuse or refill this container! Empty container by using the product according to the label directions. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows:

[(≤5 gal) Empty the remaining contents into application equipment or a mix tank and drain for 10 sec after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 sec. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 sec after the flow begins to drip. Repeat this procedure 2 more times.]

[(>5 gal) Empty remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 sec. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure 2 more times.]

Then offer for recycling, if available, or puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning. If burned stay out of smoke.

**CONDITIONS OF SALE AND WARRANTY**

Follow the **Directions for Use**. It is impossible to eliminate all risks inherently associated with use of this product, and therefore all such risk shall be assumed by the Buyer. Whitmire warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the **Directions for Use**, subject to the inherent risks, referred to above. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW: (A) WHITMIRE MAKES NO OTHER WARRANTIES EXPRESS OR IMPLIED, INCLUDING WARRANTIES OF FITNESS FOR PARTICULAR PURPOSE OR MERCHANTABILITY, (B) BUYER'S EXCLUSIVE REMEDY AND WHITMIRE'S AND SELLER'S EXCLUSIVE LIABILITY, WHETHER IN CONTRACT, TORT, NEGLIGENCE, STRICT LIABILITY, OR OTHERWISE, SHALL BE LIMITED TO REPAYMENT OF THE PURCHASE PRICE OF THE PRODUCT, AND (C) WHITMIRE AND THE SELLER DISCLAIM ANY LIABILITY FOR CONSEQUENTIAL, INCIDENTAL, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT. Whitmire and the Seller offer this product, and the Buyer accepts it, subject to these **Conditions of Sale and Warranty** which may be varied only by agreement in writing signed by a duly authorized representative of Whitmire.

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