

499-516

02/20/2007

116



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

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

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

FEB 20 2007

Dear Ms. Thomas,

Subject: Final Printed Label and Notification of Alternate Brand Name
and Revision to Container Disposal Statements per PR Notices 98-10
TC 256 PC
EPA Registration No. 499-516
Submission dated January 11, 2007

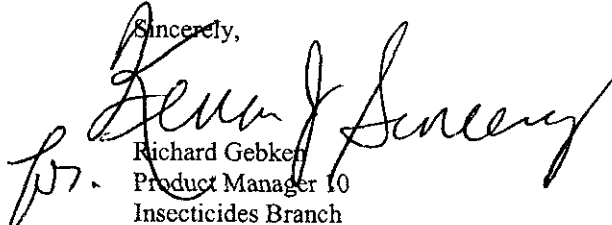
The amendment referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act section 3(c) (7) (a), is acceptable provided you meet the conditions of the registration issued December 20, 2006.

1. Submit a one-year storage stability data (830.6317) and corrosion characteristics (830.6320) data on this product. It is recommended that observations be made at 0, 3, 6, 9, and 12 months. Please submit the data in paper copy and in electronic form.
2. Submit information to EPA by May 20, 2007 showing the particle sizes from production made product.

Please note that the availability of EPA's reregistration eligibility document (RED) for products containing pyrethrins and piperonyl butoxide. The availability of the pyrethrins RED was published in the Federal Register (FR) on July 26, 2006 (Vol.71 No.143 pg. 42387). The availability of the piperonyl butoxide RED was also published in the FR on July 26, 2006 (Vol. 71, No. 143 pg. 42385) Additional data or labeling changes may be required for products containing pyrethrins and/or piperonyl butoxide.

A stamped copy of the label is enclosed for your records. Submit 2 copies of the final printed label before shipping the product. If you have any questions or concerns, please contact Kevin Sweeney at: (703) 305-5063.

Sincerely,


Richard Gebken
Product Manager 10
Insecticides Branch
Registration Division (7505P)

Enclosure

2/6

TC 256 PC Controlled Release Pyrethrins Liquid Concentrate

ALTERNATE BRAND NAME: Prescription TreatmentSM brand MICROCARESM 3% CS Controlled Release Pyrethrins (added via Notification 1/11/07)

ACTIVE INGREDIENTS:

Pyrethrins*, a botanical insecticide	3.0%
Piperonyl Butoxide, Technical**	15.0%

OTHER INGREDIENTS:	82.0%
TOTAL:	100.0%

* One Gallon Contains 0.25 lb of Pyrethrins.

* Equivalent to 12.0% (butylcarbityl)(6-propylpiperonyl) ether and 3.0% related compound's.

KEEP OUT OF REACH OF CHILDREN CAUTION

See complete label for First Aid, Precautionary Statements, Directions for Use and Storage and Disposal.

EPA Reg. No. 499-516 • EPA Est. No. 499-MO-1

NET CONTENTS: _____



WHITMIRE MICRO-GEN
RESEARCH LABORATORIES, INC.
800-777-8570 • www.wmmg.com

ACCEPTED
with COMMENTS
in EPA Letter Dated
FEB 20 2007
Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.
499-516

3/6

TC 256 PC Controlled Release Pyrethrins Liquid Concentrate

ALTERNATE BRAND NAME: Prescription Treatment® brand MICROCARE® 3% CS Controlled Release Pyrethrins (added via Notification 1/11/07)

KILLS ACCESSIBLE STAGES OF: Angoumois Grain Moths, Ants (excluding Fire Ants, Harvester Ants and Fharoah Ants), Bees, Boxelder Bugs, Cadelles, Carpet Beetles, Carpenter Ants, Centipedes, Cigarette Beetles, Clover Mites, Cockroaches (German Cockroaches), Confused Flour Beetles, Crickets, Dermestid Beetles, Dried Fruit Beetles, Drugstore Beetles, Firebrats, Flies (Stable Flies), Fungus Gnats, Fungus Gnat Larvae, Gnats, Grain Mites, Indianmeal Moths, Mealworms, Mealybugs, Mediterranean Flour Moths, Mosquitoes (Southern House Mosquito or Culex Mosquitoes), Moths, Red Flour Beetles, Sawtoothed Grain Beetles, Scorpions, Silverfish, Sowbugs, Spiders, Ticks, Trogoderma, Wasps, Weevils (Granary Weevils and Rice Weevils) and Yellowjackets

FOR USE IN AND AROUND: Calf Hutches; Canneries; Dairies; Grain Mills; Hog Operations; Homes; Horse Barns; Hospitals and Nursing Homes (except patient rooms while occupied); Hotels; Industrial Installations; Kennels; Landscapes; Motels; Non Food Areas of Bakeries, Beverage Plants, Flour Mills, Food Processing Plants, Food Storage Areas, Loafing Sheds, Meat Packing Plants, Milk Rooms, Milking Parlors, Poultry Operations, Restaurants and Supermarkets; Office Buildings; Residences; Schools; Stables; Transportation Equipment [Airplanes (cargo areas only), Boats, Buses, Railcars, Ships, Trailers and Trucks], Warehouses and Zoos

ACTIVE INGREDIENTS:

Pyrethrins*, a botanical insecticide 3.0%
Piperonyl Butoxide, Technical** 15.0%

OTHER INGREDIENTS:..... 82.0%
TOTAL: 100.0%

* One Gallon contains 0.25 lb of Pyrethrins.

**Equivalent to 12.0% (butylcarbityl)(6-propylpiperonyl) ether and 3.0% related compounds.

KEEP OUT OF REACH OF CHILDREN CAUTION

FIRST AID

IF IN EYES: Hold eyes open and rinse slowly and gently with water for 15 - 20 min. Remove contact lenses, if present, after the first 5 min, then continue rinsing eyes. Call a poison control center or doctor for treatment advice.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-225-3320 for emergency medical treatment information.

EPA Reg. No. 499-516 • EPA Est. No. 499-MO-1

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 and before eating, drinking, chewing gum or using tobacco.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish. Do not contaminate bodies of water when disposing of equipment rinsate or washwaters.

TERRESTRIAL USES: Do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark. Drift from treated areas may be hazardous to organisms in adjacent aquatic sites. Do not contaminate water when disposing of equipment washwaters.

PHYSICAL OR CHEMICAL HAZARDS

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.

4/6

DIRECTIONS FOR USE

IT IS A VIOLATION OF FEDERAL LAW TO USE THIS PRODUCT IN A MANNER INCONSISTENT WITH ITS LABELING.

USE RESTRICTIONS

- Remove pets, birds and cover fish aquariums before spraying.
- Keep children and pets off treated areas until spray has dried.
- Do not use in food/feed areas of food/feed handling establishments, restaurants or other areas where food/feed is commercially prepared or processed (see General Information section for additional information).
- In hospitals and nursing homes, do not use in patient rooms while occupied.
- In schools, do not apply to classrooms when in use.
- Ventilate rooms for 2 hr after treatment before reoccupying.

GENERAL INFORMATION

Do not use in food/feed areas of food/feed handling establishments, restaurants or other areas where food/feed is commercially prepared or processed. Do not use in serving areas while food/feed 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. Remove all food/feed in the treatment area. In the home, food processing surfaces and exposed utensils in the treatment area must be covered prior to application or washed thoroughly before use. Non food/feed areas are areas such as garbage rooms, restrooms, floor drains (to sewers), entries and vestibules, offices, locker rooms, machine rooms, boiler rooms, garages, mop closets and storage (after canning or bottling).

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.

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.

COMPRESSED AIR SPRAYERS: For surface applications, apply as a coarse, wet spray. Apply at the rate of 1 gal diluted product per 1,000 ft² of surface. For Crack & Crevice® applications, make 1 second injections every 12". In long running cracks, move injector tip at the rate of 1 ft per second.

VOID / CRACK & CREVICE APPLICATION: To treat insects harbored in voids and in cracks and crevices, use equipment designed for void applications. Follow the manufacturer's recommendations for proper equipment set-up and operating pressures. Place the tip of the applicator at or into the crack or crevice to be treated. Apply product in short bursts while keeping the tip in position. Allow the air stream to push insecticide deep into voids. Apply in such a manner to limit dripping and run-off on structural surfaces and plants. Ventilate thoroughly before occupants are allowed to reenter.

DILUTION RATES

CLEAN OUT: 4 – 5 fl oz product per gallon of water.

MAINTENANCE: 2 – 3 fl oz product per gallon of water.

OUTDOOR USE: 1 – 2 fl oz product per gallon of water.

DILUTION RATES FOR INDOOR USE

<u>Amount of Product</u>	<u>% Pyrethrins to Gallon</u>
5 fl oz	0.10%
4 fl oz	0.08%
3 fl oz	0.06%
2 fl oz	0.04%
1 fl oz	0.02%

CRAWLING INSECTS AND SPIDERS: Make spot treatment and/or Crack & Crevice injections into hiding places such as cracks and crevices, moist areas, openings around pipes and sinks, under refrigerators and manholes. Treat floors, walls, under pallets, behind shelves and drawers. Apply directly on insects in these locations where possible.

ANTS (excluding Fire Ants, Harvester Ants and Pharaoh Ants): Treat trails, nests and points of entry around doors, bookcases and storage areas. Apply directly on insects in these locations where possible.

CARPENTER ANTS: Locate source of infestation. Inject 5 – 10 seconds of product into insect tunnels and cavities.

CARPET BEETLES: Make applications on and under edge of floor coverings, under carpets and furniture and in closets or other locations where these insects are found. Entire carpets may be treated.

TICKS: Direct product toward pet beds and resting areas. Treat adjacent cracks and crevices such as behind baseboards and edges of carpet and floor coverings. Treat higher cracks such as upper door jams and window framing, behind pictures and other areas where females may crawl to lay eggs. Allow spray to thoroughly dry before allowing pets to return. Do not treat dogs or cats with this product.

STORED PRODUCT PESTS: Make spot and/or Crack & Crevice treatment to localized areas including shelves, cupboards, walls and floors where food products suspected of being infested are stored. Remove or cover food in the treatment area before application. This treatment is supplemental to good housekeeping, since it will have no effect on insects within packaging. Any foodstuffs infested with pests should be removed and destroyed.

FOAM APPLICATION USE DIRECTIONS: This product can be converted to a foam and the foam used to treat structural voids to control insect and arthropod pests in walls, under slabs or in other void areas. Mix 1 part end-use dilution of product with 25 parts foaming agent. This will provide adequate coverage and expansion without significant wetting to interior wall surfaces. Verify before treatment that the foaming agent is compatible with this product.

OUTDOOR USE

Do not apply this product through any type of irrigation system or sprinkler systems, cold ULV foggers, thermal foggers or handheld, aerosol mister/foggers. Apply only as a surface application by backpack, hose-end sprayer, hydraulic sprayer or compressed air sprayer.

FLYING INSECTS: Treat outside surfaces of screens, doors, window frames or wherever insects may enter indoors. Also treat surfaces around light fixtures on porches, in garages and other places insects alight or congregate.

MOSQUITOES (Southern House Mosquito or Culex Mosquitoes), FLIES (Stable Flies) AND GNATS: To control these pests in open areas near homes, buildings and in campgrounds, apply as a wet spray. Treat shrubbery, vegetation and other areas where these pests may rest. Shrubby and vegetation around stagnant pools, marshy areas, ponds and shorelines may be treated. Treatment of vegetation in water from land is also permitted by allowing wind to move product into vegetation, but application of this product directly to any body of water is prohibited.

CRAWLING INSECTS AND SPIDERS: For treatment of localized infestations of these insects in outdoor areas which are landscaped, planted, mulched or unmaintained, treat infested areas. For ants, wet hills and runways. Repeat applications as infestation warrants and as reinfestations occur. For ants and spiders, apply product to cracks and crevices where insects may enter premises or harbor. Areas to be treated include, but are not limited to, weep holes, under siding, wall voids, soffits, eaves around attic vents, cracks and crevices, openings around windows, doors and pipes. Treatment of infested fences and tree holes is permitted.

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. TC 256 PC 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 ft² (see chart below). Apply in 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 ² (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

MOSQUITOES (Southern House Mosquito or Culex Mosquitoes), FLIES (Stable Flies) AND GNATS: GENERAL SURFACE SPRAY. To control these pests in open areas near homes, buildings and in campgrounds, treat shrubbery and vegetation and other areas where these pests may rest. Structural surfaces, shrubbery and vegetation around stagnant pools, marshy areas, ponds and shorelines may be treated. Treatment of vegetation in water from land is also permitted by allowing wind to move product into vegetation, but application of this product directly to any body of water is prohibited.

RESIDENTIAL MISTING SYSTEMS: Dilute 1/2 - 1 gal of product in 54 gal of water. Installers and service technicians must comply with the license, certification or registration requirements of the state(s), tribe(s) or local authority(ies) where they are installed. Do not apply this pesticide when people, pets or food are present. Do not use in an evaporative cooling system. Direct nozzles to spray towards the target area and away from swimming pools, water bodies or eating and cooking areas. If used in a system with a reservoir tank for the end use dilution, the system reservoir tank must be locked. Securely attach the end use pesticide label and a dilution statement to the system reservoir tank in a weather protected area or plastic sleeve. The dilution statement must be phrased as follows. This container holds ___ parts [product name] to ___ parts water. If used in an injection system, the pesticide container must be locked. Securely attach the end use label to the pesticide container in a weather protected area or plastic sleeve. This product must only be used in systems that have been calibrated to apply no more than the maximum application rate of 3 oz of a 0.02% pyrethrins dilution/1,000 ft³/day.

† In New York State [*Alternate Text: state name(s)*], this product may NOT be applied using residential automated [*Alternate Text: urban*] misting systems.

USE IN AND AROUND LIVESTOCK HOUSING

FOR FAST KNOCKDOWN OF FLYING INSECTS: Close all windows and doors. Using a mixture of 1 – 2 fl oz of product per gallon of water, direct fog upward in all directions at the rate of 3 fl oz diluted product per 1,000 ft³ of space. Ventilate the area after treatment is completed.

To kill flies in non food animal areas such as dog kennels, hog barns, rabbit hutches, dairy areas, milkrooms, calf hutches, calving pens and parlors: Treat normal fly resting areas such as ceilings, screens, upper corners of the area, around windows and doors, light fixtures and other surfaces known to attract flies. Apply as a coarse, wet spray using a mixture of 1.5 fl oz of product per gallon of water. Apply at a rate of 1 gal diluted product per 1,000 ft² of surface. For best results, initiate treatments at the beginning of the fly season and repeat weekly during periods of heavy fly activity.

Do not treat dogs with this product.

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Store in original container. Keep away from children. Do not store below 32°F. If exposed to temperatures below 32°F, thaw completely and mix well before using.

PESTICIDE DISPOSAL: 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.

CONTAINER DISPOSAL (≤ 2.5 gal): Empty container by using the product in accordance with the label directions. Do not reuse container! Place empty container in trash or offer for recycling if available. If container is partly filled, call your local solid waste agency for disposal instructions. NEVER PLACE UNUSED PRODUCT DOWN ANY INDOOR OR OUTDOOR DRAIN!

CONTAINER DISPOSAL (> 2.5 gal): Empty container by using the product in accordance with the label directions. Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

A Prescription Treatment® brand Insecticide from:

Whitmire Micro-Gen Research Laboratories, Inc.

3568 Tree Court Industrial Blvd.

St. Louis, MO 63122-6682

www.wmmg.com

© 2007 Whitmire Micro-Gen Research Laboratories, Inc.