


499-525

6/28/2007

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 <p align="center">U.S. ENVIRONMENTAL PROTECTION AGENCY Office of Pesticide Programs Registration Division (7505C) 1200 Pennsylvania Ave., N.W. Washington, D.C. 20460</p> <p align="center">NOTICE OF PESTICIDE: <u>X</u> Registration <u> </u> Reregistration (under FIFRA, as amended)</p>	<p>EPA Reg. Number: 499-525</p>	<p>Date of Issuance: JUN 28 2007</p>
	<p>Term of Issuance: Conditional</p>	
	<p>Name of Pesticide Product: Whitmire Micro-Gen TC 247</p>	
<p>Name and Address of Registrant (include ZIP Code): Whitmire Micro-Gen Research Laboratories, Inc. 3568 Tree Court Industrial Boulevard St. Louis, MO 63122-6682</p>		
<p>Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.</p>		
<p>On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.</p> <p>Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.</p> <p>This product is conditionally registered in accordance with FIFRA section 3(c)(7)(A) provided that you:</p> <ol style="list-style-type: none"> 1. Submit and/or cite all data required for registration of your product under FIFRA sec 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of your product under FIFRA section 4. <p align="center">(continued on page 2)</p>		
<p>Signature of Approving Official: See page 4. Richard J. Gebken, Product Manager (10) Insecticide Branch, Registration Division (7505P)</p>	<p>Date: JUN 28 2007</p>	

EPA Form 8570-6

2. Make the following change to the label:

- a. Change the product registration number to "EPA Reg. No. 499-525"
- b. Make the following label revisions:
 - 1. In general, delete all text that has been marked with "~~strike out~~."
 - 2. Replace the statement "**FOR USE IN AND AROUND, BUT NOT LIMITED TO:**" with "**FOR USE IN AND AROUND:**"
 - 3. Per the reregistration eligibility decision (RED) documents for pyrethrins and piperonyl butoxide, delete the sites "hospitals, nursing homes and schools" from the statement beginning with "**FOR USE IN AND AROUND: Apartments, Beef Cattle Operations, ...**"¹
 - 4. In the "Precautionary Statements, Hazards to Humans and Domestic Animals" section, insert the word hands" immediately following the word "Wash."
 - 5. Per the REDs for pyrethrins and piperonyl butoxide, replace the "Precautionary Statements, Environmental Hazards" section with: "This product is toxic to aquatic organisms, including fish and invertebrates. Drift and runoff 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 runoff for several weeks after application. Poorly draining soils and soils with shallow water tables are more prone to produce runoff 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. Remove pets, birds and cover fish aquariums before spraying."²

- 6. Per the REDs for pyrethrins and piperonyl butoxide, insert the following new subsection at the beginning of the Directions for Use section, immediately following the statement "**IT IS A VIOLATION OF.....**," as follows:

"USE RESTRICTIONS:

- Do not make space spray applications when facility is in operation.
- During space spray applications, cover or remove food.
- During space spray applications, cover food processing surfaces or clean after treatment with a suitable detergent and rinse with potable water before use.
- Remove or cover exposed food and drinking water before application.

¹ For more information, please refer to page 95 of 108 of the pyrethrins RED.

² For more information, please refer to page 84 of 108 of the pyrethrins RED.

- Remove or cover dishes, utensils, food processing equipment and food preparation surfaces or wash them before use.
 - Do not remain in treated area. Exit area immediately and remain outside the treated area until aerosols, vapors and/or mists have dispersed.
 - Do not use in aircraft cabins except in compliance with PR Notice 96-3.
 - 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.
 - 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.
 - Remove pets, birds and cover fish aquariums and turn off air pumps motor before application.
7. Insert the statement "Do not apply more than 1 time per day." at the end of the Directions for Use, Crack and Crevice section.
 8. Insert the word "Thoroughly" at the beginning of the existing 2nd sentence in the Directions for Use, Space Treatment section and insert the statement "Do not apply more than 1 time per day." at the end of this and every section in the Directions for Use, Indoor Treatments section.
 9. In the Directions for Use, Indoor Treatments section, delete the first 3 text groupings and replace with the following revised statements:

CLUSTER FLIES, FLIES, FRUIT FLIES, GNATS, HORN FLIES, HOUSE FLIES, MOSQUITOES, SMALL FLYING MOTHS AND STABLE FLIES:

Apply as a space treatment at a rate of 1 - 3 seconds per 1,000 ft³. Close all windows and doors. Direct aerosol upward and disperse in all locations. Keep area closed for 15 minutes. Open and thoroughly ventilate treated areas before reoccupying. Do not apply more than 1 time per day.

CLUSTER FLIES, CLOVER MITES, WASPS AND BEES INSIDE

STRUCTURAL VOIDS: For treatment of these pests, locate all insect entrances. Close all but one opening. Determine size of void. Inject 5 - 10 seconds per 3 ft³ of void into last remaining opening. For best results, treat at dusk or later. Do not apply more than 1 time per day.

ANTS (except pharaoh, fire and harvester ants), BOOKLICE, CLOVER MITES, CRICKETS MILLIPEDES, ROACHES, SILVERFISH, SOWBUGS AND SPIDERS (except Black Widow and Brown Recluse spiders): Apply as a Crack & Crevice treatment in cracks, crevices and areas where these pests hide (such as behind baseboards, sinks, cabinets, meter boxes, door frames and windows). Apply as a space treatment at a rate of 5 - 10 seconds per 1,000 ft³. For a space treatment, open cabinets and doors in area to be treated, turn off air conditioners and fans and close doors and windows before treating. Disperse in all locations contacting as many insects as possible. Keep area closed for 15 minutes. Open and thoroughly ventilate treated areas before reoccupying. Do not apply more than 1 time per day.

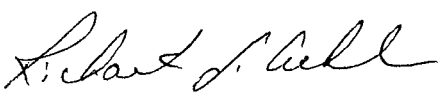
For treatment of void areas such as attics, false ceilings and crawl spaces, calculate the volume of the void and treat at a rate of 5 - 10 seconds per 1,000 ft³. Do not apply more than 1 time per day.

- 11. Per the REDs for pyrethrins and piperonyl butoxide, delete the section titled "IN HOSPITALS AND NURSING HOMES."³
 - 12. Insert the statement "Do not apply more than 1 time per day." at the end of the Food Areas of Food Handling Establishments section.
 - 13. Insert the statement "Do not apply more than 1 time per day." at the end of the Ground Application (Flies and Gnats) and Flies, Cluster Flies, Clover Mites, Mud Daubers and Wasps section.
 - 14. Data deficiencies were identified for storage stability and corrosion characteristics in the product chemistry review for this product. Therefore, Whitmire is obligated to submit a One Year Storage Stability (830.6317) study and a Corrosion Characteristics (830.6320) study on this product in support of this registration within one (1) year from the date of this registration.
3. Submit one copy of the revised final printed label for the record before the product is released for shipment.

Whitmire should note that a notice of availability of EPA's reregistration eligibility decision (RED) document for products containing pyrethrins was published in the *Federal Register* on July 26, 2006 (Volume 71, Number 143, Pages 42387-42389). Further, EPA's RED for products containing piperonyl butoxide was published in the *Federal Register* on July 26, 2006 (Volume 71, Number 143, Pages 42385-42386). As a result, additional data and/or labeling changes may be required for products containing pyrethrins and piperonyl butoxide.

If the above conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.



Richard J. Gebken
Product Manager (10)
Insecticide Branch
Registration Division (7505P)

Enclosure: Label stamped "Accepted with Comments"
000499-00525 D370550

³ For more information, please refer to page 95 of 108 of the pyrethrins RED.

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TC 247

KILLS

Flies • Gnats

KILLS: Angoumois Grain Moths, Ants(except Fire, Harvester, Pharaoh and Carpenter), Bed Bugs, Booklice, Carpet Beetles, Chocolate Moths, Cigarette Beetles, Clothes Moths, Clover Mites, Cluster Flies, Cockroaches, Confused Flour Beetles, Crickets, Drug Store Beetles, Earwigs, Flies, Fruit Flies, Gnats, Grain Mites, Granary Weevils, Horn Flies, House Flies, IndianMeal Moths, Mediterranean Flour Moths, Millipedes, Mud Daubers, Red Flour Beetles, Rice Weevils, Sawtoothed Grain Beetles, Silverfish, Small Flying Moths, Sowbugs, Spiders (except Brown Recluse and Black Widow), Stable Flies and Wasps.

FOR USE IN AND AROUND, ~~BUT NOT LIMITED TO:~~ Apartments, Beef Cattle Operations, Campgrounds, Catteries, Dairy Farms (including Milk House, Milk Parlor, Loafing Sheds, and Holding Lot), Farms, Food Storage Areas, Hog Operations, Horse Barns and Stables, Homes, ~~Hospitals~~, Hotels, Kennels, Motels, ~~Nursing Homes~~, Resorts, Restaurants† and other Food Handling Establishments†, Poultry Operations, ~~Schools~~, Supermarkets, Transportation Equipment (Buses, Boats, Ships, Trains, Trucks and Aircraft – cargo areas only), Utilities, Warehouses, and other Commercial and Industrial Buildings.

†See special instructions for these sites under Directions for Use.

ACTIVE INGREDIENTS:

Pyrethrins, a botanical insecticide 0.5%
Piperonyl Butoxide, Technical 4.0%

OTHER INGREDIENTS: 95.5%

Contains petroleum distillate.

TOTAL: 100.0%

KEEP OUT OF REACH OF CHILDREN

CAUTION

See side panel for additional precautionary statements.

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

NET WEIGHT:



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

**ACCEPTED
with COMMENTS
in EPA Letter Dated**

June 28, 2007

**Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under EPA Reg. No.**

499-525

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FIRST AID

IF ON SKIN OR CLOTHING: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 - 20 min. 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 call 1-800-225-3320 for emergency medical treatment information.

NOTE TO PHYSICIAN: Contains petroleum distillate - vomiting may cause aspiration pneumonia.

PRECAUTIONARY STATEMENTS**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

CAUTION: Harmful if swallowed, inhaled or absorbed through skin. Avoid contact with skin, eyes or clothing. Avoid breathing vapors. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Remove and wash contaminated clothing before reuse.

NOTICE TO APPLICATOR: For prolonged exposure indoors, wear a Dust/Mist filtering respirator (MSHA/NIOSH approval number prefix TC-21C), or a NIOSH approved respirator with any R, P or HE filter.

ENVIRONMENTAL HAZARDS

This product is toxic to fish. Do not apply directly to water or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water by cleaning of equipment or disposal of equipment washwaters. Apply this product only as specified on this label.

PHYSICAL OR CHEMICAL HAZARDS

Extremely Flammable. Contents under pressure. Keep away from fire, sparks, and heated surfaces. 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.

Use only with the supplied actuator and injection tubes or other Whitmire Micro-Gen equipment.

Do not spray on plastic, painted, or varnished surfaces or directly into any electronic equipment such as radios, televisions, computers, etc.

For best results product should be used when can temperature is above 60°F. If temperature is below 60°F, store at room temperature until a temperature of above 60°F is reached.

CRACK & CREVICE® TREATMENT: Inject TC 247 into cracks and crevices or void spaces where insects may be harboring, living and breeding. Place injector tip into cracks, crevices, holes and other small openings. Apply product for 1 sec. For light infestations, move injector tip along cracks while treating at the rate of 3 ft/sec. For heavy infestations, move injector tip along at 1 ft/sec. For treatment of inaccessible voids (including wall and equipment voids), calculate the void's cubic area and treat at the rate of 5 - 10 sec/3 ft³. Several holes may be required in long-running voids. Repeat as necessary.

SPACE TREATMENT: Calculate the cubic footage to be treated and apply at the dosage rate specified below for the pest(s) to be treated. Ventilate treated areas before reoccupying.

INDOOR TREATMENTS

CLUSTER FLIES, FLIES, FRUIT FLIES, GNATS, HORN FLIES, HOUSE FLIES, SMALL FLYING MOTHS AND STABLE FLIES: Apply as a space treatment at a rate of 1 - 3 sec/1,000 ft³. Close all windows and doors. Direct fog upward and disperse in all locations. Keep area closed for 15 min. Open and ventilate before reoccupying. Repeat treatment as necessary.

CLUSTER FLIES, CLOVER MITES, WASPS AND BEES INSIDE STRUCTURAL VOIDS: For treatment of these pests, locate all insect entrances and close all but one opening. Determine size of void. Inject 3 - 5 sec/3 ft³ of void into remaining opening. For best results, treat at dusk or later.

ANTS(EXCEPT FIRE, HARVESTER, PHARAOH AND CARPENTER), BOOKLICE, CLOVER MITES, CRICKETS, MILLIPEDES, ROACHES, SILVERFISH, SOWBUGS AND SPIDERS(EXCEPT BROWN RECLUSE AND BLACK WIDOW): Apply as a Crack & Crevice treatment into cracks and crevices in all hiding places (such as behind baseboards, sinks, cabinets, meter boxes, door frames and windows) or as a space treatment at a rate of 5 - 10 sec/1,000 ft³. For a space treatment, open cabinets and doors in area to be treated,

turn off air conditioners and fans and close doors and windows before treating. Disperse toward area suspected of harboring the greatest insect infestations. Disperse in all locations contacting as many insects as possible. Keep area closed for 15 min. Open and ventilate the treated area before reoccupying. Repeat treatment as necessary.

For treatment of void areas such as attics, false ceilings and crawl spaces, calculate the volume of the void and treat at a rate of 10 - 20 sec/1,000 ft³. Repeat treatment as necessary.

BED BUGS: Take bed apart. Treat joints and channels if hollow, such as square or round tubing, and see that the interior framework is treated. Treat mattresses, especially tufts, folds and edges. Cover mattresses before use. Allow mattresses to dry thoroughly and cover with clean bedding before using. Bedbugs may also harbor in areas of the room away from the bed. Apply TC 247 as a Crack & Crevice or spot treatment to night stands and other furniture in the room, wall voids, behind wall hanging, floor molding, window casings, carpet edge, popcorn ceilings and other cracks & crevices.

CARPET BEETLES (IN RESIDENCES): Hold product 36" above floor and direct spray toward floor and lower walls treating at a rate of 5 - 10 sec/100 ft². Also, apply as a Crack & Crevice treatment to cracks and crevices near the source of the infestation.

CLOTHES MOTHS: Locate source of infestation. Apply as a Crack & Crevice treatment to nearby cracks and crevices and perform a space treatment of the infested area at a rate of 5 - 10 sec/1,000 ft³.

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To protect woolens and other keratin containing materials, brush clean and then air out. Before treating entire article, test an inconspicuous area of fabric to determine if damage or staining will occur. Treat thoroughly by holding dispenser at least 18" from garment. Treated articles should be put into a darkened closet or other darkened storage such as cedar chests, storage drawers, or sealable plastic fabric bags. For best protection, clean and treat inside of closets or storage areas by applying 1 sec/10 ft² before putting treated materials away. Treatment should be repeated every 6 months or as needed. Dry clean treated clothes before wearing.

CARPET BEETLES, CIGARETTE BEETLES, CONFUSED FLOUR BEETLES, DRUG STORE BEETLES, GRAIN MITES, GRANARY WEEVILS, RED FLOUR BEETLES, RICE WEEVILS, AND SAWTOOTHED GRAIN BEETLES (FOR EXPOSED ADULT AND LARVAL STAGES): Apply as a Crack & Crevice treatment into cracks and crevices of pantries, cabinets, food processing and handling equipment and other places where insects harbor or as a Space Treatment at a rate of 5 - 10 sec/1,000 ft³. Also apply around cartons, containers, and other areas where these insects tend to congregate. Contact as many insects as possible. Repeat treatment weekly or as insects appear. Infested stored products should be fumigated or treated by other effective methods using an approved product intended for this purpose.

ANGOUMOIS GRAIN MOTH, CHOCOLATE MOTH, INDIANMEAL MOTH, MEDITERRANEAN FLOUR MOTH (FOR EXPOSED ADULT AND LARVAL STAGES): Apply as a space treatment at a rate of 5 - 10 sec/1,000 ft³. Close all doors and windows. Direct into all parts of room, especially around stored product containers, pallets and darkened areas. Keep area closed for 15 min following treatment. Open and ventilate before reoccupying. Repeat treatment weekly or as necessary. Infested stored products should be fumigated or treated by other effective methods using an approved product intended for this purpose.

DAIRY FARM USE: Milking Parlor and Milk Room - Close all windows and doors. Direct fog upward and in all directions at a rate of 1 - 3 sec/1,000 ft³. Keep room closed for 15 min after treatment. Open and ventilate before reoccupying. Cover milking utensils and milk to prevent contamination from spray and dead falling insects.

ANIMAL USE (Do not spray sick animals): From approximately a 2 ft distance, thoroughly spray entire animal as it is being released to pasture. Do not spray directly toward animal's eyes. Spot treat withers, shoulders and back where saliva accumulates from head tossing.

STANCHION BARN USE: Walk behind animals and direct spray over backs allowing 1 sec/animal. For most effective results, apply each morning.

BEEF CATTLE OPERATIONS: In barns, close all windows and doors. Spray at the rate of 1 - 2 sec/1,000 ft³. Keep area closed for 15 min following application. Ventilate area after treatment is complete. If area cannot be closed, double the dosage. Repeat application ~~daily or~~ as necessary.

HORSE BARN AND STABLES: Close all windows and doors. Spray at a rate of 1 - 2 sec/1,000 ft³. Keep area closed for 15 min following application. Ventilate area after treatment is complete. If area cannot be closed, double the dosage. For animal application, lightly mist over the backs of horses and ponies from a distance of at least 2 ft. Repeat application ~~daily or~~ as necessary.

POULTRY OPERATIONS: Use only in empty poultry houses (when birds are not present). Close all windows and doors. Spray at the rate of 1 - 2 sec/1,000 ft³. Keep area closed for 15 min following application. Ventilate area after treatment is complete. If area cannot be closed, double the dosage. ~~Treat daily or as necessary.~~

HOG OPERATIONS: In hog houses, close all windows and doors. Spray at the rate of 1 - 2 sec/1,000 ft³. Keep area closed for 15 min after application. Ventilate the area after treatment is completed. If area cannot be closed, double the dosage. For animal application, direct spray over backs and spray for 1 - 2 sec/hog. Do not spray directly toward animal's face or eyes. Repeat application ~~daily or as~~ necessary.

KENNELS AND CATTERIES: Remove animals before spraying. Ventilate after treatment is completed.

~~— IN HOSPITALS AND NURSING HOMES —~~

~~Apply according to specific directions for pest(s) to be treated. Remove patients from room prior to treatment. Ventilate room for 2 hrs after spraying. Do not return patients to room until after ventilation.~~

FOOD AREAS OF FOOD HANDLING ESTABLISHMENTS

Apply according to specific directions for pest(s) to be treated. When applying as a space treatment in food handling areas, the areas of the operation being treated should be shut down. In food processing areas cover or remove all utensils, shelving, etc., where food will be handled before treatment or thoroughly wash with an effective cleaning compound followed by a potable water rinse prior to use.

OUTDOOR TREATMENTS

GROUND APPLICATION (FLIES AND GNATS): Treat open areas near buildings and in campgrounds. Apply at a rate of 5 - 15 sec/1,000 ft² (60-80 sec/acre). Apply in wide swaths across area to be treated. Allow treatment to penetrate dense foliage. Repeat treatment as necessary. Best results are obtained when wind speed is 5 mph or less.

FLIES, CLUSTER FLIES, CLOVER MITES, MUD DAUBERS AND WASPS: Apply mist directly on insects and their nests from approximately 18 in. Contacted insects will fly away from fog. Applications should be made in late evening when insects are at rest. Disperse into hiding and breeding places contacting as many insects as possible.

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Store in a cool area away from heat or open flame.

PESTICIDE DISPOSAL: Waste resulting from use of this product may be disposed of on site in accordance with label directions or at an approved waste disposal facility.

CONTAINER DISPOSAL: **Do not puncture or incinerate!** Empty container by using the product in accordance with the label directions. Offer empty container for recycling, if available, or place in trash if allowed by state and local regulations. If container is partly full, contact your local solid waste agency for disposal instructions.

Contains no CFC's or other ozone depleting substances. Federal regulations prohibit CFC propellants in aerosols.



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

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