


499-531

10/26/2007

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 <p style="text-align: center;"><b>U.S. ENVIRONMENTAL PROTECTION AGENCY</b> Office of Pesticide Programs Registration Division (7505C) Ariel Rios Building 1200 Pennsylvania Ave., NW Washington, D.C. 20460</p> <p style="text-align: center;">NOTICE OF PESTICIDE: <input checked="" type="checkbox"/> Registration <input type="checkbox"/> Reregistration (under FIFRA, as amended)</p>	EPA Reg. Number:  499-531	Date of Issuance:  OCT 26 2007
	Term of Issuance: Conditional	
	Name of Pesticide Product:  TC 259	
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><b>Note:</b> 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. 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 sec. 3(c)(7)(A) and (B) provided that you:</p> <ol style="list-style-type: none"> <li>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.</li> <li>2. Submit the following data: One year storage stability (830.6317) and corrosion characteristics (830.6320) studies. These studies can be run concurrently. Observation must be made at 0, 3, 6, 9, and 12 months period and the results must be submitted to the Agency upon completion. These studies must be submitted within 15 months from today's date.</li> <li>3. Make the following label changes: <ol style="list-style-type: none"> <li>a. Add the phrase "EPA Registration Number 499-531" to the front panel.</li> </ol> </li> </ol>		
Signature of Approving Official:  <i>Rita Kumar</i>		Date:  OCT 26 2007

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b. Delete all reference to direct treatment on exposed indoor surface from the label, including spot treatment (spray application). As indicated to you before, this chemical is not registered for indoor use except for bait stations, gel baits for spot treatment, and aerosols for crack and crevice applications. You may add other indoor uses to your label after these have been approved for the source product

c. Add the following statement to the front panel, below product name: "For crack and crevice treatment only."

d. On page 1, revise the heading "FOR USE IN AND AROUND" to state: "FOR CRACK AND CREVICE TREATMENT IN AND AROUND".

e. Under Directions for Use on page 2, delete the section titled: "INDOOR TREATMENTS", or rephrase the paragraphs in this section to remove all reference to spot treatment and use sites that indicate surface spray spot treatment. Only directions for crack and crevice treatment may remain.

f. Under Directions for Use on page 2, add the following restriction: "Kills pests on contact. Pests must be directly contacted at time of application in order to be effective."

g. Delete all reference to cockroaches from the label. Acceptable contact or residual efficacy data (90% or higher mortality) must be submitted for both German and American cockroaches for this claim.

h. Delete all reference to bed bugs from the label.. Treatment for bed bug infestations is not complete without application of pesticide to bedding. Additional efficacy data must be submitted for this claim.

i. Combine the INDOOR AND OUTDOOR TREATMENTS paragraph with OUTDOOR TREATMENTS, or revise the INDOOR AND OUTDOOR TREATMENTS paragraph as follows: "Apply as a Crack and Crevice treatment where these insects may be harboring, traveling, breeding or entering the structures. For example, behind siding, wall voids, around *outside* of windows and door frames. Reapply as necessary."

j. Delete the paragraph for FRUIT AND PHORID FLIES. This indicates indoor surface application, which is not permitted for this chemical.

k. On page 3, specify the pests for OUTDOOR TREATMENTS. Delete directions for treatment of landscape timbers, fences, tree holes and ant trails, or add Environmental Hazards statement for outdoor use

l. Use directions for ARGENTINE ANTS indicate outdoor spray application. Please add Environmental Hazard statements for outdoor use to the label, or delete this use.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Submit two copies of the revised final printed label before you release the product for shipment. Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records. Copies of product chemistry, acute toxicity, and second efficacy reviews are also enclosed for your perusal.

Sincerely,

*Rita Kumar*

Rita Kumar  
Senior Regulatory Specialist  
Insecticide Rodenticide Branch  
Registration Division (7505C)  
E-mail: [kumar.rita@epa.gov](mailto:kumar.rita@epa.gov)

Enclosures (4)

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# TC 267

**KILLS:**

Ants (excluding Carpenter Ants; for control of foraging Fire, Harvester and Pharaoh Ants), Asian Lady Beetles, Bed Bugs, Booklice, Boxelder Bugs, Clover Mites, Cluster Flies, Cockroaches, Crickets, Dermestids, Drug Store Beetles, Earwigs, Elm Leaf Beetles, Flour Beetles (Red and Confused), Fruit Flies, Grain Weevils, Indianmeal Moths, Millipedes, Phorid Flies, Pillbugs, Powder Post Beetles, Silverfish, Sowbugs, Spiders (excluding Black Widow and Brown Recluse), Springtails and Trogoderma

**FOR USE IN AND AROUND:**

Apartments, Campgrounds, Homes, Hospitals, Hotels, Motels, Non Food Areas (Meat Packing and Food Processing Plants, Restaurants, Supermarkets), Nursing Homes, Resorts, Schools, Transportation Equipment (Buses, Boats, Ships, Trains, Trucks, Planes†), Utilities, Warehouses, and other Commercial and Industrial Buildings

† Use in cargo areas only. Do not use in aircraft cabins.

**ACTIVE INGREDIENT:**

Dinotefuran: N-methyl-N-[(tetrahydro-3-furanyl)methyl]guanidine ..... 0.5%

**OTHER INGREDIENTS:** ..... 99.5%

TOTAL: 100.00%

## KEEP OUT OF REACH OF CHILDREN CAUTION

See side panel for additional Precautionary Statements.

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

**NET WEIGHT:**



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

**FIRST AID**

**IF IN EYES:** Hold eyes open and rinse slowly and gently 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.

ACCEPTED  
with COMMENTS  
in EPA Letter Dated:  
OCT 26 2007  
Under the Federal Insecticide,  
Fungicide, and Rodenticide Act,  
As amended, for the pesticide  
Registered under EPA Reg. No.  
499-531

OCT 26 2007

**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**

Do not apply directly to water. Do not contaminate water by cleaning of equipment or disposal of equipment washwaters. Apply this product only as specified on the label. Spraying directly on plants may cause phytotoxicity. Test an inconspicuous area before treating plants.

**PHYSICAL OR CHEMICAL HAZARDS**

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

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

(ALTERNATE TEXT: See full label for complete Directions for Use.)

**USE RESTRICTIONS**

- Do not apply this product in hospital patient rooms or nursing home patient rooms while occupied by the patient.
- Do not apply to classrooms when in use.
- Do not apply to institutions (including daycare centers, libraries, sport facilities, etc.) in the immediate area when occupants are present.

**HOW TO USE WHITMIRE MICRO-GEN CRACK & CREVICE® INJECTION SYSTEM**

**CRACK & CREVICE TREATMENT:** Use TC 267 with the supplied actuator and injection tubes (*Alternate text:* or other Whitmire Micro-Gen equipment). Place injection tip into cracks, crevices, holes and other small openings where insects may be harboring, living and breeding. For light infestations, move injection tip along cracks while treating at the rate of 3 ft/sec. For heavy infestations, move injection tip along at 1 ft/sec. For closed voids, calculate the void's cubic area and treat at the rate of 1 – 5 sec/3 ft<sup>3</sup>. Several holes may be required in long-running voids. Reapply as necessary.

**SPOT TREATMENT:** Use TC 267 with the supplied actuator and injection tubes (*Alternate text:* or other Whitmire Micro-Gen equipment). Hold container upright while spraying. Direct nozzle approximately 12" from surface to be treated. Apply directly on insects in these locations when possible. Reapply as necessary.

**INDOOR TREATMENTS**

**CRAWLING INSECTS:** Apply as a Crack & Crevice or spot treatment where insects are harboring, traveling or breeding. Reapply as necessary. For example, openings around pipes and sinks, under refrigerators, pantries, behind baseboards, washing machines, stoves, cabinets, sewer, floor drains and meter boxes. Spot treatments may also be made to areas including storage areas, closets, around water pipes, doors and windows, around refrigerators, cabinets, sinks, stoves and other equipment, shelves, drawers and similar areas. In commercial areas apply as a Crack & Crevice or spot treatment in office areas, stainless steel equipment, shelving, machinery, storage areas, pallets and other areas where these insects may be harboring, traveling, breeding or entering the structure.

**BED BUGS:** Apply to cracks and crevices where evidence of bed bugs occurs. This includes bed frames, box springs, inside empty dressers, clothes closets and carpet edges, high and low wall moldings and wallpaper edges. Do not use this product on mattresses, pillows, bed linens or clothes. Remove all clothes and other articles from dressers or clothes closets before application. Allow all treated areas to dry thoroughly before use. Reapply as necessary. Not recommended for use as sole protection against bed bugs. If evidence of bed bugs is found in/on mattresses use products approved for this use.

**NON FOOD AREAS:** Includes areas such as garbage rooms, lavatories, floor drains (to sewers), entries and vestibules, offices, locker rooms, machine rooms, boiler rooms, garages, mop closets and storage areas (after canning or bottling), serving areas (when no food is present). Apply as a Crack & Crevice treatment or spot treatment to selective surfaces such as baseboards, under elements of construction, stainless steel equipment, shelving, machinery, storage areas, pallets, tables, chairs and other areas where these insects may be harboring, traveling, breeding or entering the structure. Reapply as necessary.

**INDOOR AND OUTDOOR TREATMENTS**

**ASIAN LADY BEETLES, BOXELDER BUGS, ELM LEAF BEETLES, CLUSTER FLIES AND CLOVER MITES:** Apply as a Crack & Crevice or spot treatment where these insects may be harboring, traveling, breeding or entering the structure. For example, behind siding, wall voids, around windows and door frames. Reapply as necessary.

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**FRUIT AND PHORID FLIES:** Treat where these insects may be harboring, traveling, breeding or entering the structure as adults or larvae. Spot treatment to surface resting sites of the adults is permitted. Treatment of the walls or areas above the catch basin in manhole covers or drains is permitted. Reapply as necessary.

**OUTDOOR TREATMENTS**

**TREATMENT OF THE STRUCTURE FROM THE OUTSIDE:** Treat where these insects may be harboring, traveling, breeding or entering the structure. For example, weep holes; under siding; wall voids; soffits; around attic vents; cracks and crevices; openings around windows, doors and pipes and landscape timbers. Treatment of infested fences and tree holes is permitted. Direct treatment of ant trails is permitted.

**ARGENTINE ANTS:** To treat nests, inject the nest at 3 – 6 sites at a rate of 5 – 10 sec/site. For very large nests (over 12" diameter), increase the number of injection sites. Space injection sites in a circular pattern on the nest surface with 1 site in the center. To quiet active ants on nest surface, sweep surface with spray from a distance of 12". Treat new nests as they appear.

**STORAGE AND DISPOSAL**

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

**STORAGE:** Store in a cool, dry area away from heat or open flame and inaccessible to children.

**PESTICIDE DISPOSAL:** Wastes resulting from 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:** 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.



Contains no CFCs 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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