

499-527

03/27/2008

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U.S. ENVIRONMENTAL PROTECTION AGENCY

Office of Pesticide Programs
Registration Division (7505C)
Ariel Rios Building
1200 Pennsylvania Ave., NW
Washington, D.C. 20460

EPA Reg. Number:

Date of Issuance:

499-527

MAR 27 2008

Term of Issuance: Conditional

Name of Pesticide Product:

TC 249

NOTICE OF PESTICIDE:

- Registration
 - Reregistration
- (under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Whitmire Micro-Gen Research Laboratories, Inc.
3568 Tree Court Industrial Boulevard
St. Louis, MO 63122-6682

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.

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.

This product is conditionally registered in accordance with FIFRA sec. 3(c)(7)(A) and (B) provided that you:

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.
2. Make the following label changes:
 - a. Add the phrase "EPA Registration Number 499-527" to the front panel.
 - b. Revise "Spiders (excluding Brown Recluse Spiders)" to read "Spiders (excluding Black Widow and Brown Recluse Spiders)" across the board.

Signature of Approving Official:

Rita Kumar

Date:

MAR 27 2008

- c. On the front panel, revise “*For Crack & Crevice, Spot and Void Treatment*” to read “*For Non-Residual Crack and Crevice, Spot and Void Treatment.*”
- d. On the front panel, add the restriction, “*Do not use in food handling areas.*”
- e. On the front panel, revise the footnote, “In the home, all food processing surfaces should be.....” to read: “In the home, all food processing surfaces must be.....”
- f. Within the **DIRECTIONS FOR USE** section of the label, revise the sentence “*TC 249 is a ready-for-use insecticide dust which has given effective knockdown and kills the pests listed.*” to read “*TC 249 is a ready-to-use contact insecticide dust which has effective knockdown and kill of the pests listed.*”

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 acute toxicity and latest efficacy reviews are also enclosed for your perusal.

Sincerely,



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

Enclosures (3)

TC 249 Dino Dust Insecticide

For Crack & Crevice®, Spot and Void Treatment

KILLS: Ants (excluding Pharaoh ants), Asian Lady Beetle, Bedbugs, Bees, Black Carpet Beetles, Boxelder Bugs, Centipedes, Cigarette Beetles, Cluster Flies, Cockroaches, Confused Flour Beetles, Crickets, Drugstore Beetles, Earwigs, Firebrats, Fleas, Furniture Carpet Beetles, Ground Beetles, Hornets, House Flies, Indian Meal Moths, Lesser Grain Borers, Merchant Grain Beetles, Millipedes, Paper Wasps, Phorid Flies, Pillbugs, Red Flour Beetles, Rice Weevils, Rusty Grain Beetles, Sawtoothed Grain Beetles, Silverfish, Southern Fire Ants, Sowbugs, Spider Beetles, Spiders (excluding Brown Recluse spiders), Stable Flies, Varied Carpet Beetles, Warehouse Beetles, Wasps, Webbing Clothes Moths, Yellowjackets

FOR USE IN AND AROUND: Apartments†, Campgrounds, Homes†, Hospitals*, Hotels, Motels, Nursing Homes*, Office Buildings, Resorts, Schools**, Supermarkets, Transportation Equipment (Buses, Boats, Ships, Trains, Trucks, and Planes††), Utilities, Warehouses and other Commercial and Industrial Buildings

- * Remove patients before using. After treatment, ventilate rooms for 30 minutes before returning patients to rooms.
- ** Do not apply to classrooms when in use. Do not apply to institutions (including libraries, sport facilities, etc.) in the immediate area when occupants are present.
- † In the home, all food processing surfaces and utensils in the treatment area should be covered during treatment or thoroughly washed before use. Exposed food in the treatment area should be covered or removed.
- †† Do not apply in aircraft cabins.

ACTIVE INGREDIENT:

Dinotefuran: N-methyl-N'-nitro-N-((tetrahydro-3-duranyl)methyl)guanidine	0.25%
Diatomaceous Earth (including silicon dioxide, other oxides and moisture)	95.00%

OTHER INGREDIENTS:	4.75%
Total: 100.00%	

KEEP OUT OF REACH OF CHILDREN CAUTION

[ALTERNATE TEXT: See side panel(s) for First Aid, Precautionary Statements, Directions for Use and Storage and Disposal]

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

NET WEIGHT: _____

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. 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.



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

ACCEPTED
with COMMENTS
in EPA Letter Dated: MAR 27 2008 MAR 27 2008
Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
As amended, for the pesticide
Registered under EPA Reg. No.
499-527

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 shrimp. 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 apply when weather conditions favor drift from treated areas. Drift and runoff from treated areas may be hazardous to aquatic organisms in water adjacent to treated areas. Do not contaminate water by cleaning of equipment or disposal of equipment washwaters.

DIRECTIONS FOR USE

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

TC 249 is a ready-for-use insecticide dust which has given effective knockdown and kills the pests listed.

TC 249 is for residential and commercial pest control in and around buildings and structures and their immediate surroundings and on modes of transport. Permitted areas of use include stores; warehouses; industrial buildings; houses; apartment buildings; office buildings; laboratories; schools; nursing homes; hospitals; hotels; and on vessels, rail cars, aircraft, buses, trucks and trailers.

TC 249 is intended for application with hand or powder duster, or by other suitable means, to cracks and crevices, voids, hiding, runway and nest areas and those places where pests are found. In living areas, make applications in such a manner as to avoid deposits on exposed surfaces or introducing the material into the air. Treat small area of surface to be treated for staining or other adverse reaction before making regular application.

To apply insecticide directly into cracks and crevices, use a bulbous duster or other suitable equipment. Apply lightly and uniformly to infested areas. Pay particular attention to: cracks and crevices; service ducts; false floors and ceilings; wall voids; around electrical and telephone fittings and equipment; around water and sewer pipes; under and behind cabinets, refrigerators and sinks; around window and door frames; along baseboards; in attics; and crawl spaces. Apply between 0.15 – 0.3 oz of TC 249/yd². Repeat treatments as necessary.

Application Rate

<u>Amount</u>	<u>Area</u>
5g – 10g	m ²
0.15 oz – 0.3 oz	yd ²
0.16 oz – 0.32 oz	10 ft ²

INDOOR & OUTDOOR TREATMENTS

COCKROACHES, ANTS (excluding Pharaoh ants), CRICKETS, SILVERFISH AND FIREBRATS: Apply thoroughly to all areas where these pests crawl and hide, especially in cracks and crevices, voids and hidden surfaces around sinks and storage areas, behind baseboards, around doors and windows, behind and under refrigerators, cabinets and desks, sinks and stoves and attics and crawl spaces. For ants, apply to ant trails, in openings around doors and windows and other places where ants enter premises. Direct contact with dry dust is required to be effective.

FLEAS IN BUILDINGS: Apply dust to infested areas such as pet beds and resting quarters, nearby cracks and crevices under the edges of rugs and floor coverings, cracks, crevices and voids of upholstered furniture, and other areas where these pests may be present. Old bedding of pets should be removed and replaced with clean fresh bedding after treatment of pet areas. Do not treat animals or their bedding with this product. Direct contact with dry dust is required to be effective.

SPIDERS (excluding Brown Recluse): Apply along and behind baseboards, to window and door frames, corners, pipes, storage localities and associated cracks & crevices, attics, crawl spaces and other areas over which these pests may crawl. Direct contact with dry dust is required to be effective.

BEEES, WASPS, HORNETS, PAPER WASPS AND YELLOWJACKETS: It is generally advisable to treat wasp and bee nests in the evening when insects are less active and have returned to the nest. Wear protective clothing if deemed necessary to avoid stings. Using hand or power duster or other suitable means, with extension tubes if necessary, thoroughly dust nest and entrance and surrounding areas where insects alight. Nests in voids should be located and treated. Treat entrances and drill a hole in the void(s), blow dust in, and reseal. For ground wasps and yellowjackets, dust entrance and surrounding areas. For best results check nests carefully one or two days after treatment to ensure complete kill. Application to overhead nests should be made in such a manner as to avoid drift onto the applicator. Direct contact with dry dust is required to be effective.

SOWBUGS, PILLBUGS, GROUND BEETLES, EARWIGS, MILLIPEDES AND CENTIPEDES: Apply around doors and windows, into weep holes and other cracks and crevices and other places where these pests may enter premises. Treat baseboards, storage areas and other locations where these pests are found. Direct contact with dry dust is required to be effective.

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. Direct contact with dry dust is required to be effective. 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.

PANTRY PESTS-GRAIN BEETLES (Rusty, Merchant and Sawtoothed), FLOUR BEETLES (Red and Confused), DRUGSTORE BEETLES, RICE WEEVILS, LESSER GRAIN BORERS, SPIDER BEETLES AND INDIAN MEAL MOTHS: For exposed stages. Apply dust in cracks and crevices behind and under cupboards, cabinets and other voids. Do not apply directly on food, utensils or food storage areas.

CARPET BEETLES (Black, Furniture and Varied): Dust where these insects are found, for example: on and under edges of floor coverings, under rugs and furniture and in closets. Treat small area first on furniture and rugs to check for staining before treating a larger area.

PHORID & FRUIT FLIES, HOUSE FLIES AND STABLE FLIES: Spot treat where insects rest if surface is not exposed such as under cabinets or shelving, behind or under equipment or drains or protected exterior areas like eaves and trash corrals. Spot treat larvae areas and voids where larvae may pupate.

WEBBING CLOTHES MOTHS: Use TC 249 as a Crack & Crevice treatment in closets and other storage areas where pests are found. This is an adjunct treatment and will not kill moth larvae already on the clothes. Do not apply TC 249 to clothing.

ASIAN LADY BEETLES, CLUSTER FLIES, ELM LEAF BEETLES, BOXELDER BUGS AND DARKLING BEETLES: Treat cracks and crevices and wall voids where these insects enter or harbor within a structure.

NON-FOOD AREAS: TC 249 may be used as a Crack & Crevice treatment or as a spot application in non-food areas of food handling establishments. Non-food 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) and dining area when no food is present.

OUTDOOR TREATMENTS

PERIMETER TREATMENT: Use TC 249 as a treatment for Ants (excluding Pharaoh ants), Bees, Centipedes, Cockroaches, Crickets, Earwigs, Firebrats, Fleas, Ground Beetles, Millipedes, Pillbugs, Silverfish, Sowbugs, Spiders (excluding Brown Recluse), Wasps and Yellowjackets. Make a treatment around and in cracks and crevices or voids associated with windows and doors, porches, screens, eaves, patios, garages, under stairways, and in crawl spaces and other areas where pests hide. Direct contact with dry dust is required to be effective.

MULCH AREAS: Use TC 249 as a treatment for Millipedes, Earwigs, Crickets, Ground Beetles, Sowbugs and Pillbugs. Remove mulch; sprinkle TC 249 at 0.3 – 1 oz/yd². Return mulch, mixing TC 249 with mulch.

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE AND SPILL PROCEDURES: Store in original container in dry location. In case of spill, vacuum or dampen with water and sweep up.

PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL: Nonrefillable container. Do not reuse or refill this container. **If empty:** Place in trash or offer for recycling if available. **If partly filled:** Contact your local solid waste agency for disposal instructions. **NEVER PLACE UNUSED PRODUCT DOWN ANY INDOOR OR OUTDOOR DRAIN!**

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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