

499-527

06-23-2009

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

OFFICE OF  
PREVENTION, PESTICIDES  
AND TOXIC SUBSTANCES

JUN 23 2009

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

Dear Ms. Thomas:

Subject: Label amendment  
TC 249  
EPA File Symbol 499-527  
Your submission dated 4/3/2009

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable subject to the comments listed below:

1. On page 2, add the statement "Do not use in food/feed areas" to Use Restrictions.
2. On page 2, rephrase the statement "Pests must directly contact product in order to be effective" to "Product must be in direct contact with the pest in order to be effective".

A stamped copy of the label is enclosed for your records. Submit two (2) copies of the final printed label before you release the product for shipment bearing the revised labeling. If you have any questions, please do not hesitate to write or call me at (703) 308-8291.

Sincerely yours,

*Rita Kumar*

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

Enclosure

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# TC 249

## Dino Dust Insecticide

For Crack & Crevice®, Spot and Void Treatment

[Alternate Brand Name: Prescription Treatment® brand Alpine™ Dust Insecticide] {added via Notification 9/24/08}

**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 Black Widow and 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

(\* See Use Restrictions under Directions for Use)

**ACTIVE INGREDIENTS:**

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

<b>OTHER INGREDIENTS:</b> .....	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. 499-527 • 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:**

JUN 23 2009

**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.**

#### USE RESTRICTIONS:

- In hospitals and nursing homes, remove patients before using. After treatment, ventilate rooms for 30 min 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.
- Do not apply in aircraft cabins.
- Do not apply on surface where contact with food/feed or food/feed preparation items is likely.
- This product can only be used in the nonfood/nonfeed areas of food/feed processing facilities.

#### PRODUCT INFORMATION:

This product is a ready-to-use insecticide dust which has effective knockdown and kill of the listed pests. Kills pests on contact. Pests must directly contact product in order to be effective.

This product 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.

This product is intended for application with hand/bulbous or powder duster, or other suitable equipment, 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 a small area of the surface to be treated to observe for staining or other adverse reaction before making regular application. 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/yd<sup>2</sup>. Repeat treatments as necessary.

#### Application Rate

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

#### INDOOR & OUTDOOR TREATMENTS

**FOOD HANDLING/PROCESSING FACILITIES:** This product may be used as a Crack & Crevice treatment or as a spot application only in the nonfood/nonfeed areas of food/feed handling establishments.

Food/feed handling establishments are defined as places other than private residences in which exposed food/feed is held, processed, prepared or served. Food/feed areas are areas for receiving, storing, packing (canning, bottling, wrapping, boxing), preparing, edible waste storage and enclosed processing systems (mills, dairies, edible oils, syrups) of food. Serving areas where food is exposed and the facility is in operation are also considered food areas. Do not apply this product in food/feed areas.

Nonfood/nonfeed 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). This product may be used in these nonfood/nonfeed areas.

**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, chairs 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 Black Widow and 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. 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, via spot or Crack & Crevice treatment, where these insects are found. For example: along and under edges of floor coverings, under rugs and furniture and in closets. Treat a 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 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 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.

## OUTDOOR TREATMENTS

**PERIMETER TREATMENT:** Use as a treatment for Ants (excluding Pharaoh ants), Bees, Centipedes, Cockroaches, Crickets, Earwigs, Firebrats, Fleas, Ground Beetles, Millipedes, Pillbugs, Silverfish, Sowbugs, Spiders (excluding Black Widow and 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 as a treatment for Millipedes, Earwigs, Crickets, Ground Beetles, Sowbugs and Pillbugs. Remove mulch; sprinkle product at 0.3 – 1 oz/yd<sup>2</sup>. Return mulch, mixing product 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

Questions? Call 1-800-777-8570

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