

499-470

02/01/2007

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

WASHINGTON, D.C. 20460

FEB 1 2007

OFFICE OF PREVENTION, PESTICIDES AND TOXIC SUBSTANCES

Mr. Charles L. Womack
Whitmire Micro-Gen Research Laboratories
3568 Tree Court Industrial Boulevard
St. Louis, MO 63122-6682

Subject: Label Amendment— Add Bed Bugs
EPA Registration No. 499-470
Whitmire Micro-Gen TC 198
Your submission dated September 11, 2006

Dear Mr. Womack:

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, is acceptable subject to the comment listed below. Two (2) copies of the finished labeling must be submitted prior to releasing the product for shipment. A stamped copy of the label is enclosed for your records.

- Revise the use instructions for bed bugs to read as follows: "Apply to crack and crevices where evidence of bed bugs occurs. This includes bed frames, box springs, inside empty dressers and 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. Not recommended for use as sole protection against bedbugs. If evidence of bedbugs is found in/on mattresses use products approved for this use".

The active ingredient cyfluthrin is not approved for use on fabric, mattresses, clothing, etc.

If you have any questions regarding this action, please contact Olga Odiott of my team at (703) 308-9369.

Sincerely, [Signature]
George T. LaRocca
Product Manager 13
Insecticide Branch
Registration Division (7505P)

Enclosure

TC 198

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[Alternate Brand Name # 1: "Prescription Treatment® brand Cy-Kick Crack® & Crevice® Pressurized Residual."] (Added per Notification submitted 3/26/1998).
[Alternate Brand Name # 2: "Prescription Treatment® brand Cy-Kick Crack® & Crevice® I Cyfluthrin."] (Descriptor : Hand Held Residual Insecticide) (Added per Notification submitted 5/26/05).

KILLS: Ants, Bed Bugs, Booklice, Boxelder Bugs, Carpenter Ants, Carpenter Bees, Centipedes, Chocolate Moths, Clover Mites, Cluster Flies, Cockroaches, Crickets, Dermestids, Drugstore Beetles, Earwigs, Elm Leaf Beetles, Flour Beetles, Grain Weevils, Millipedes, Scorpions, Silverfish, Sowbugs, Spiders, Springtails, Termites*, Ticks, Trogoderma (Cabinet, Khapra, and Warehouse Beetles), Wood-infesting Borers and Beetles, and Wood Wasps.
* Not a substitute for mechanical alteration, soil or foundation treatment.

FOR USE IN AND AROUND: Apartments†, Campgrounds, Food Storage Areas, Homes†, Hospitals*, Hotels, Meat Packing and Food Processing Plants, Motels, Nursing Homes*, Resorts, Restaurants and other Food Handling Establishments, 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 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:

Cyfluthrin 0.1%

OTHER INGREDIENTS: 99.9%

Contains petroleum distillates. TOTAL: 100.0%

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

FIRST AID

IF SWALLOWED: Immediately call a poison control center or doctor. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give ANY liquid to the person. Do not give anything by mouth to an unconscious person.
IF INHALED: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.
IF ON SKIN OR CLOTHING: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.
IF IN EYES: Hold eye open and rinse slowly and gently for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. 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. No specific antidote is available. Treat the patient symptomatically.

See side panel for additional Precautionary Statements.

EPA Reg. No. 499-470 • EPA Est. No. 499-MO-1

NET WEIGHT:

**ACCEPTED
with COMMENTS
In EPA Letter Dated
FEB 1 2007**
Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under EPA Reg. No.



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

499-470

PRECAUTIONARY STATEMENTS

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HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Harmful if absorbed through skin. Causes moderate eye irritation. Avoid contact with skin, eyes, or clothing. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Wash thoroughly with soap and water after handling.

ENVIRONMENTAL HAZARDS

This product is toxic to fish, birds, and other wildlife. 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 the label. Spray will damage plant foliage.

PHYSICAL OR CHEMICAL HAZARDS

Flammable. Contents under pressure. Keep away from heat, sparks and open flame. Do not puncture or incinerate container. Do not use or store near heat or open flame. 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.

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

Crack & Crevice Treatment: Use TC 198 with the supplied actuator and injection tubes or other Whitmire Micro-Gen equipment. Inject TC 198 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. Release approximately one second of product. For light infestations, move injector tip along cracks while treating at the rate of three linear feet per second. For heavy infestations, move injector tip along at one linear foot per second. For closed voids, calculate the void's cubic area and treat at the rate of one to five seconds per three cubic feet. Several holes may be required in long-running voids.

Spot Treatment: Use TC 198 with the supplied actuator and injection tubes or other Whitmire Micro-Gen equipment. Hold container upright while spraying. Direct nozzle approximately 12 inches from surface to be treated. Apply directly on insects in these locations when possible.

INDOOR TREATMENTS

Crawling Insects (Including Cockroaches, Dermestids, Scorpions, Spiders, Earwigs, Crickets, Sowbugs, Millipedes and Centipedes): Apply as a Crack and Crevice treatment using the prescribed dosage into cracks, crevices and void spaces where insects may be harboring. These may include, but are not limited to, openings around pipes and sinks, under refrigerators, behind baseboards, washing machines, stoves, cabinets, sewers, floor drains and meter boxes. Spot treatment may also be made to areas including, but not limited to, storage areas; closets; around water pipes, doors and windows; around refrigerators, cabinets, sinks, stoves and other equipment; shelves, drawers and similar areas.

Ticks: Apply as a Crack and Crevice treatment or spot treatment into infested and egg laying sites near pet resting areas including, but not limited to, cracks and crevices of baseboards and around door and window frames.

Booklice & Silverfish: Apply as a Crack and Crevice treatment into cracks and crevices of baseboards, door frames, bookcases and other harborage sites. Spot treatment may also be made to areas including, but not limited to, storage areas; closets; around water pipes, doors and windows; around refrigerators, cabinets, sinks, stoves and other equipment; shelves, drawers and similar areas.

Ants: Apply as a Crack and Crevice treatment into cracks, crevices and voids where ants may be traveling and/or harboring, including, but not limited to, around doors, window frames, wall voids and other structural cracks and crevices. Spot treatment may also be made to areas including, but not limited to, storage areas; closets; around water pipes, doors and windows; around refrigerators, cabinets, sinks, stoves and other equipment; shelves, drawers and similar areas.

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. Also treat other areas where bedbugs may be harboring.

Grain Weevils, Flour Beetles, Chocolate Moths, Drugstore Beetles, Trogodermas (in exposed adult and larval stages) and hibernating stages of Boxelder Bugs, Elm Leaf Beetles, Cluster Flies and Clover Mites: Apply as a Crack and Crevice treatment into cracks, crevices and/or voids where these insects may be harboring or hibernating. Infested areas may include, but are not limited to, cracks and crevices in cabinets and pantries, wall voids, around window and door frames, under siding and in machinery. Spot treatment may also be made to areas including, but not limited to, storage areas; closets; around water pipes, doors and windows; around refrigerators, cabinets, sinks, stoves and other equipment; shelves, drawers and similar areas.

APPLICATIONS IN FOOD HANDLING ESTABLISHMENTS

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Food handling establishments are places other than private residences in which food is held, processed, prepared or served. **FOOD AREAS:** Includes areas for receiving, storage, packing (canning, bottling, wrapping, boxing), preparing, edible waste storage and enclosed processing systems (mills, dairies, edible oils, syrups). Serving areas (when food is exposed and facility is in operation) are also considered food areas.

Apply as a Crack and Crevice Treatment or Spot Treatment directly into cracks, crevices, voids or onto surfaces where insects are resting. Use an injection tube or other Whitmire Micro-Gen equipment capable of delivering a pinstream. Apply to different elements of construction; between equipment and floor; openings leading to hollow spaces in walls, equipment legs and bases; and where insects hide or rest. Cover exposed food or remove food from premises. Do not apply directly to food. Reapplication may be made at 10 day intervals. Limit individual spot treatments to an area no larger than 20% of the treated surface. Individual spot treatments should not exceed two square feet.

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).

Apply as a Crack & Crevice Treatment or Spot Treatment to selective surfaces such as baseboards, under elements of construction, into cracks and crevices. Avoid treating surfaces likely to be contacted by food.

INDOOR AND OUTDOOR TREATMENTS

WOOD DESTROYING INSECTS - Localized treatment of wood-infesting insects: To treat Beetles and Borers (such as the following families: Anobiidae, Bostrichidae, Buprestidae, Cerambycidae, Lyctidae, Oedemeridae, Sesiidae), Carpenter Ants, Carpenter Bees, Termites and Wood Wasps, locate suspected infestation and/or insect tunnels and cavities. Drill pilot holes into insect tunnels, galleries and inaccessible closed voids. Drill holes 8 to 10 inches apart to ensure thorough coverage. Inject 5 to 10 seconds per hole. Do not contact electrical wiring, plumbing, etc. when drilling and never use metal wood injectors where electrical shock could occur. Use a Whitmire Micro-Gen standard plastic void injector if there is danger of electrical contact. For carpenter bees, seal bee entrances after application. This treatment is intended for localized termite infestations only. The purpose of such applications of TC 198 is to kill workers or winged reproductive forms which may be present in the treated channels at the time of treatment. Such applications are not a substitute for mechanical alteration, soil treatment, or foundation treatment but are merely a supplement. For active termite infestations, get a professional inspection.

For active and hibernating stages of Boxelder Bugs, Elm Leaf Beetles, Cluster Flies and Clover Mites: Apply as a Crack and Crevice treatment into cracks and crevices and/or voids where these insects may be harboring or hibernating. Infested areas may include, but are not limited to, cracks and crevices, behind siding, wall voids, around window and door frames.

OUTDOOR TREATMENTS

SUBTERRANEAN ANTS SUCH AS ARGENTINE ANTS and HARVESTER ANTS: Inject the nest at 3-6 sites at a rate of 5-10 seconds per site. For very large nests (over 36" diameter), increase the number of injection sites. Space injection sites in a circular pattern on the nest surface with one site in the center. To quiet active ants on nest surface, sweep surface with spray from a distance of 12 inches. For best results, apply when temperature is 65-85°F, or in early morning or late evening hours. Treat new nests as they appear.

PERIMETER TREATMENT: For crawling insects, apply TC 198 as a Crack and Crevice or Spot Treatment into cracks and crevices where insects may enter premises or harbor. Areas to be treated may include, but are not limited to, weep holes, under siding, wall voids, soffits, around attic vents, cracks and crevices and openings around windows, doors and pipes. Treatment of infested fences and tree holes is permitted.

TERMITES AND CARPENTER ANTS LIVING INSIDE TREES: Determine the highest and lowest elevation of the colony. Drill holes into colony at highest elevation and inject 5 to 10 seconds. Do the same for lowest elevation. Drill intermediate holes every four feet between the upper and lower elevations if required.

AERIAL TERMITE CARTON IN TREES: Drill or punch hole into center of carton. Inject for 5 to 10 seconds. If carton is greater than 12 inches across, open another injection site. Inject for 5 to 10 seconds. Make one additional injection site for each 12 inches of carton.

TERMITES AND CARPENTER ANTS IN STUMPS, UTILITY POLES AND FENCES: Treat open holes or drill horizontal holes in a circular pattern where insects are suspected. Inject 2 to 5 seconds of product per hole.

TREATMENT FOR IN-GROUND SERVICE BOXES: Ants, Centipedes, Clover Mites, Cockroaches, Crickets, Earwigs, Millipedes, Scorpions, Silverfish, Sowbugs, Spiders (such as Black Widow and Brown Recluse), Springtails. Use Whitmire Micro-Gen spray actuator with injection tube to treat open boxes and exposed surfaces. Do not contact any electrical wiring or mechanical parts of meter.

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STORAGE & DISPOSAL (Moved to end of label per Notification submitted 5/26/05)

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 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 or call 1-800-CLEANUP for disposal instructions. **(Revised per Notification submitted 5/26/05)**

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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