

499-470

11/14/2000

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

NOV 14 2000

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

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

Subject: Amendment for Label Revisions
TC 198
EPA Registration No. 499-470
Your submission dated August 9, 2000

Dear Mr. Thomas:

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 comments listed below. A stamped copy of the labeling is enclosed for your records.

Please make the following changes to your label:

1. Under your FIRST AID section, please revise the statement "IF ON SKIN" to read "IF ON SKIN OR CLOTHING".

If you have any questions, please call Dr. William Sproat of my staff at 703-308-8587.

Sincerely,

A handwritten signature in black ink, appearing to read "George T. LaRocca".

George T. LaRocca
Product Manager 13
Insecticide Branch
Registration Division (7505C)

Enclosure

7505C
SPROAT
11/14/00

be treated channels at the time of treatment. Such applications are not a substitute for mechanical alteration, spot treatment, or foundation treatment but are merely a supplement. For active termite infestations, get a professional inspector.

or active and hibernating stages of Boxelder Bugs, Elmleaf 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 drapery, wall voids, around window and door frames.

OUTDOOR TREATMENTS

SUBTERRANEAN ANTS SUCH AS ARGENTINE ANTS and HARVESTER ANTS: Inject the nest at a rate of 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 quell 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.

STORAGE & 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 or at an approved waste disposal facility.

CONTAINER DISPOSAL: This container may be recycled in aerosol recycling centers. At present, there are only a few such centers in the country. Before offering for recycling, empty the can by using the product according to the label (DO NOT PUNCTURE). If recycling is not available, replace cap and discard container in trash, sanitary landfill or by other approved state and local procedures. Do not incinerate or otherwise.

PRECAUTIONARY STATEMENTS

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 fire. 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.

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 63122-6582
www.wmrg.com

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TC-198

For Pest Control Operators and Commercial Use Only

KILLS: Anks, Booklice, Boxelder Bugs, Carpenter Ants, Carpenter Bees, Centipedes, Chocolate Moths, Clover Mites, Cluster Flies, Cockroaches, Crickets, Dermestids, Drug Store Beetles, Earwigs, Elmleaf Beetles, Flour Beetles, Grain Weevils, Millipedes, Scorpions, Silverfish, Sowbugs, Spiders, Springtails, Termites*, Ticks, Trogoderma (Cabinet, Knappa, 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), 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 should be covered during treatment or thoroughly washed before use. Exposed food should be covered or removed.

ACTIVE INGREDIENT:

Cyfluthrin 0.1%

OTHER INGREDIENTS:

..... 99.9%

Contains petroleum distillates.

EPA Reg. No. 499-470 EPA Est. No. 499-MO-1
**KEEP OUT OF REACH OF CHILDREN
CAUTION**

FIRST AID

IF SWALLOWED: Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or doctor. 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: 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.

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.

NOTE TO PHYSICIAN: No specific antidote is available. Treat the patient symptomatically.

See side panel for additional precautionary statements

NET WEIGHT: 1 lb., 4 oz. (20 oz.)

(Alternate Language: NET WEIGHT: 1 lb., 1.5 oz. (17.5 oz.))



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

ACCEPTED
with COMMENTS
in EPA Letter Dated

NOV 14 2000

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.
499-470

DIRECTIONS FOR USE

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

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**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 lip into cracks, crevices, holes and other small openings. Release approximately one second of product. For light infestations, move injector lip along cracks while treating at the rate of three linear feet per second. For heavy infestations, move injector lip 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 at insects in these locations when possible.

INDOOR TREATMENTS

CRAWLING INSECTS - Cockroaches, Dermestids, Scorpions, Spiders, Earwigs, Crickets, Sowbugs, Millipedes, 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.

Grain Weevils, Flour Beetles, Chocolate Moths, Drugstore Beetles, Trogoderma (in exposed adult and larval stages) and hibernating stages of Boxelder Bugs, Elmleaf 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

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.

CRACK AND CREVICE® TREATMENT: Apply treatment directly into cracks, crevices, voids or other surfaces where insects are feeding. 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 100 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.

Authorized by USDA for use in Federally inspected meat and poultry plants.

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, Oedemendae, 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 at 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

