



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

OFFICE OF
PREVENTION, PESTICIDES
AND TOXIC SUBSTANCES

August 22, 2001

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

Subject: Addition of "Institutions" to Label and Non-Food Area Application
Whitmire TC-119
EPA Reg. No. 499-429
Your Application Dated May 10, 2001

Dear Ms. Thomas:

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. 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.

Either delete all "Repeat as necessary" - type statements from your label or qualify by stating the minimum allowable time interval between applications. This should be based on your efficacy data.

If you have any questions regarding this action, please contact Tracy Keigwin of my team at (703) 305-6605.

Sincerely,

Tracy Lynn Keigwin

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

ACCEPTED
with COMMENTS
by EPA Letter Dated

AUG 22 2001

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.
499-429

Whitmire

TC-119

For Use by Commercial Applicators.

KILLS: Ants, Bedbugs, Bees, Booklice, Boxelder Bugs, Carpet Beetles, Carpenter Ants, Centipedes, Clover Mites, Cluster Flies, Crickets, Cockroaches, Drywood Termites, Earwigs, Elmleaf Beetles, Firebrats, Fleas, Ground Beetles, Lice, Millipedes, Pillbugs, Scorpions, Silverfish, Sowbugs, Spiders, Stored Product Pests, Powder Post Beetles, Ticks and Wasps.

FOR USE IN AND AROUND: Apartments, Campgrounds, Food Processing Plants, Food Storage Areas, Homes, Hospitals, Hotels, Institutions, Meat and Poultry Processing Plants, Motels, Nursing Homes, Office Buildings, Resorts, Restaurants and other Food Handling Establishments, Schools*, Supermarkets, Transportation Equipment (Buses, Boats, Ships, Trains, Trucks, Planes**), Utilities, Warehouses, and other Commercial and Industrial Buildings.

* Do not apply to classrooms when in use. ** Do not use in aircraft cabins.

ACTIVE INGREDIENT:

Pyrethrins	1.0%
Piperonyl Butoxide, Technical*	10.0%
Amorphous Silica	40.0%
OTHER INGREDIENTS**:	49.0%

* Equivalent to 8.0% (butylcarbonyl) (6-propylpiperonyl)
** Contains Petroleum Distillate

TOTAL: 100.0%

EPA Reg. No. 499-429 EPA Est. No. 499-MQ-1^A
EPA Est. No. 65717-MQ-1^B
(See code in lot number.)

KEEP OUT OF REACH OF CHILDREN
CAUTION

See side panel for additional Precautionary Statements.

NET WEIGHT: _____ lb.



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

SOWBUGS, PILLBUGS, GROUND BEETLES, EARWIGS, MILLIPEDES, CENTIPEDES AND SCORPIONS:
Apply in voids and cracks and crevices around doors and windows and other places where these pests may enter premises. Treat behind baseboards, storage areas and other locations where these pests are found.

APPLICATIONS WITHIN FOOD AREAS

Food processing plants and warehouses, bakeries, beverage plants, restaurants, supermarkets, meat and poultry processing plants, hotels, motels, hospitals and schools. Includes areas for receiving, storage (dry, cold, frozen or raw), packaging (canning, bottling, and grinding), enclosed processing systems (mills, dairies, and systems for processing edible oils and syrups).

LIMITED TO CRACK AND CREVICE* TREATMENT ONLY: Using a bulbous duster apply a small amount of material directly into cracks and crevices such as expansion joints between different elements of construction or between equipment bases and the floor, wall voids, main housing, junction boxes or switch boxes, conduits or hollow equipment legs. Care should be taken to avoid depositing the product onto exposed surfaces of introducing the material into the air.

APPLICATIONS OF THIS PRODUCT IN THE FOOD AREAS OF FOOD HANDLING ESTABLISHMENTS, OTHER THAN AS A CRACK AND CREVICE* TREATMENT ARE NOT PERMITTED.

APPLICATIONS IN NON-FOOD AREAS

For use in and around homes, institutions, hospitals, office buildings, hotels, motels, theaters, schools, warehouses, truck trailers and railroad cars. Includes areas such as garage 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).

CRAWLING INSECTS: To control Ants, Cockroaches, Silverfish, Firebrats, Spiders, Boxelder Bugs, Ticks, Lice and Fleas (in animal quarters), distribute TC-119 at the rate of 1 ounce per 50 square feet of surface area. Apply a continuous visible film underneath and behind stairs, refrigerators and appliances. Treat on, around and behind moldings, shelving, baseboards, pipe openings, cracks, crevices and other areas where insects hide. For severe infestations, apply TC-119 behind cabinets and walls, in crawl spaces and attics at the rate of 1 pound per 1000 square feet of surface area. Electric or hand-operated rotary dusters may be used in attics and/or crawl spaces. Repeat treatment as necessary.

INDOOR AND OUTDOOR TREATMENTS

CARPENTER ANTS: Locate source of infestation or areas of suspected activity. Treat insect tunnels and cavities and void areas. Treat points of entry or exits from voids such as around doors, windows and siding.

BOXELDER BUGS, CLOVER MITES, CLUSTER FLIES AND ELMLEAF BEETLES: Inject cracks and crevices and/or voids where these insects may be harboring or hibernating. Infested areas include, but are not limited to, cracks and crevices, behind siding, wall voids, around window and door frames. Repeat as necessary.

BEES AND WASPS (In Ground or Voids): If practical it is advisable to treat wasp and bee nests in the evening when insects are less active and have returned to the nest. 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. Locate nests in wall voids. If necessary, drill a hole in the area. Apply dust in void and repeat. For best results check nests carefully one or two days after treatment to ensure complete kill. Repeat if necessary. Remove or destroy nest to prevent emergence of newly hatched insects.

SEWER TREATMENTS: Cockroach or other insect infestations in sanitary sewers may be treated with approximately 6 ounces of TC-119 per manhole. When treating sewers, one manhole per 200 feet of line should be treated. Apply product to sides of manhole by removing the manhole cover and replacing with a TC-119 per manhole. Treatments may also be made by removing the manhole cover and replacing with a TC-119 disc of plywood bored to receive the usual flexible hose from portable or truck-mounted ventilating equipment. 6 ounces of TC-119 is introduced into the ventilating air to be dispersed quickly and thoroughly through the system.

OUTDOOR TREATMENTS

ANTS, CENTIPEDES, CLOVER MITES, COCKROACHES, CRICKETS, EARWIGS, GROUND BEETLES, MILLIPEDES, PILLBUGS, SCORPIONS, SOWBUGS AND SPIDERS: Treat cracks around doors, windows, under siding and voids around level, beneath guards on loading docks, into cracks in foundations and liners and in other places where these pests may enter building. Repeat application as necessary.

A PRESCRIPTION TREATMENT brand insecticide from:
Whitmire Micro-Gen Research Laboratories, Inc.
3368 Tree Court Industrial Blvd
St. Louis, MO 63122-6682
www.whitmire.com
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REDUCED TO 92% OF ACTUAL SIZE

PRECAUTIONARY STATEMENTS

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 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.
IF IN EYES: Hold eye open and rinse slowly and gently with water 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.

EMERGENCY MEDICAL NUMBER: 800-775-3320 **FOR TRANSPORTATION SPILLS:** 800-424-9300

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

NOTE TO PHYSICIAN: May pose an aspiration pneumonia hazard.

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Harmful if inhaled or absorbed through skin. Causes moderate eye irritation. Avoid breathing dust. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling. Special precautions should be taken so that all residue will be out of reach of children or domestic animals. Avoid contamination of food and foodstuffs.

ENVIRONMENTAL HAZARDS

This product is toxic to fish. Do not apply directly to water. Do not contaminate water when disposing of equipment washwater or rinsate.

DIRECTIONS FOR USE

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

STORAGE & DISPOSAL

Do not contaminate water, food or feed by storage or disposal.
PESTICIDE STORAGE AND SPILL PROCEDURES: Store upright at room temperature. Keep away from moisture. Sweep up and dispose of with chemical waste.
PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of on site or in an approved waste disposal facility.
CONTAINER DISPOSAL: Completely empty liner by shaking and taping sides and bottom to loosen clinging particles. Empty residue into application equipment. Then dispose of liner in a sanitary landfill or by incineration if allowed by State and local authorities. If drum is contaminated and cannot be reused, dispose of in fire safe manner.

INDOOR TREATMENTS

CRAWLING INSECTS: To control Ants, Booklice, Carpet Beetles, Crickets, Cockroaches, Scorpions, Silverfish, Firebrats and Spiders, apply a small amount of TC-119, at the rate of 1 ounce per 50 square feet of surface area, into voids, cracks and crevices or other places where the insects are traveling or harboring. Apply a continuous visible film underneath and behind stairs, refrigerators and appliances. Treat on, around and behind moldings, shelving, baseboards, pipe openings, cracks, crevices, and other areas where insects hide. For severe infestations, apply TC-119 behind cabinets and walls, in crawl spaces and attics at the rate of 16 ounces per 1000 square feet of surface area. Repeat treatment as necessary.

STORED PRODUCT PESTS: To aid in the control of Cigarette Beetles, Cheese Mites, Cigarette Beetles, Confused Flour Beetles, Dark Mealworms, Drugstore Beetles, Grain Mites, Granary Weevils, Red Flour Beetles, Rice Weevils, Sawtoothed Grain Beetles and Yellow Mealworms in mills, elevators and granaries. Clean up waste materials, dust, dirt, and any other debris. Thoroughly treat floors, walls and other surfaces in bins, storage and handling areas. Apply into cracks and crevices and other difficult to reach areas where insects may hide. This product may also be applied in voids or cracks and crevices in pantries and other infested areas within the structure.

FLEAS, LICE AND TICKS: Treat pet bedding, floor and floor coverings and all areas where pests may infest. Treat cracks and crevices behind moldings, shelving, baseboards, pipe openings, and all other cracks. Repeat application when effectiveness diminishes.

BEDBUGS: Take bed apart. Dust into joints and channels. If hollow, such as square or round tubing, see that the interior framework is well dusted. Mattresses may be dusted, especially tufts, coils, and edges. Picture frame moldings and all cracks and crevices in the room should be treated.

DRYWOOD TERMITES, POWDER POST BEETLES: To protect structures use an electric or hand operated rotary duster to distribute TC-119 through insect entry points, such as, crawl holes into attics and crawl spaces of buildings, at a rate of 1 pound per 1000 square feet of floor area. All vents and blowers on the windward side should be closed so that all wood surfaces can be treated. In case of localized infestations, probe to locate galleries and drill holes to inject TC-119 into the galleries and void areas. If a heavy infestation has developed, fumigation should be employed.

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