



U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division (H7505C)
401 "M" St., S.W.
Washington, D.C. 20460

EPA Reg. Number:
499-499

Date of Issuance:
MAY 14 2002

Term of Issuance: Conditional

Name of Pesticide Product:
Whitmire Micro-Gen TC-236

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), provided that you:

1. Submit and/or cite all data required for registration/reregistration 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 you product under FIFRA section 4.
2. Make the following labeling changes:
 - a. Revise the EPA Registration Number to read "EPA Reg. No. 499-499"
 - b. Add the restriction "Not for use in Federally inspected meat and poultry plants" as on the cited product label (EPA Reg. No. 499-401). The restriction may be added as footnote ("++++") to the site listing for "Meat Packing and Food Processing Plants", below the footnotes already on the label for other listed sites such as "Nursing Homes", "Hospitals", "Schools" and "Planes". Also, although not required, you are encouraged to move all of these footnotes to a position immediately below the site listing (under "FOR USE IN AND AROUND") where the user can more easily find them.

Signature of Approving Official:

Date:

May 14, 2002

- c. Revise the first sentence of the Hazards to Humans and Domestic Animals section to read: "CAUTION: Harmful if swallowed, inhaled or absorbed through skin." The requirement to add the "if swallowed" phrase is based on this product's classification in category III for acute oral toxicity.
 - d. Move the following statements from the Hazards to Humans and Domestic Animals section to the Directions for Use (near the other restrictions above the Storage and Disposal instructions):

"Do not contaminate water, food, or foodstuffs. Remove all pets and birds. Cover fish tanks or remove before treating. In hospitals, patients should be removed from room prior to treatment. Treated room should be ventilated for two hours after spraying. Do not return patients to room until after ventilation."
 - e. In footnote "+", near the beginning of the Directions for Use, change the ventilation time to 2 hours to agree with recommendations elsewhere on the label (see "d" above).
 - f. Add the following statements to the directions for "Bed Bugs": "Allow mattress to dry thoroughly before use. After mattress is dry, cover with mattress cover and sheet. Do not use mattress without cover."
 - g. Revise the re-treatment recommendation for "Clothes Moths" to read as follows:

"Treatment should be repeated every six months or as needed until infestation is controlled, but not more than once per week."
 - h. Delete "Mud Daubers" from the pest listing, since mud daubers are wasps [Note: You deleted other wasps from your label.]
3. Submit a revised data matrix which includes product performance data to support label claims for "Mosquitoes". In our previous correspondence, we inadvertently omitted this pest from the list of public health pests for which data were required. You may fulfill this data requirement in one of the following ways: (1) by submitting data or citing previously submitted data for a substantially similar product (selective method); or (2) by using the cite-all option under the selective method. If you choose the cite-all option, you must make offers-to-pay to companies on the data submitters' list for the active ingredients in your product. If you are unable to submit or cite acceptable data, you must remove mosquitoes from the product label.
 4. Please submit two (2) copies of your final printed label before you release the product for shipment. Refer to the A-79 enclosure for a further description of final printed labeling.

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If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product bearing amended labeling constitutes acceptance of these conditions. A stamped copy of the label is enclosed for your records.

If you have any questions regarding this action, please contact Susan Stanton of my team at (703) 305-5218.

Sincerely,

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

Enclosures

INDOOR TREATMENTS

CLUSTER FLIES, FLIES, FRUIT FLIES, GNATS, MOSQUITOES, SMALL FLYING MOTHS: Close all windows and doors and apply as a Space Treatment directing spray upwards at a rate of 1/2 to 1 1/2 seconds per 1000 cu. ft. Disperse in all locations. Keep area closed for 15 minutes. Open and ventilate the treated area before reoccupying.

ANTS, BOOKLICE, CENTIPEDES, CLOVER MITES, CRICKETS, MILLIPEDES, ROACHES, SILVERFISH AND SOWBUGS: Apply as a Crack and Crevice[®] Treatment into cracks and crevices in all hiding places behind baseboards, sinks, cabinets, meter boxes, door frames, windows or as a Space Treatment at a rate of 10 seconds per 1,000 cu. ft. of space. Open cabinets and doors in area to be treated. Turn off air conditioners and fans and close doors and windows before treating. Disperse toward area suspected of harboring the greatest insect infestations. Disperse in all locations contacting as many insects as possible. Keep area closed for 15 minutes. Open and ventilate the treated area before reoccupying.

For treatment of void areas such as attics, false ceilings and crawl spaces, calculate the volume of the void and treat at a rate of 10 seconds per 1,000 cu. ft. Use Whitmire Micro-Gen Crack & Crevice[®] actuator, injection tubes or other Whitmire equipment.

BED BUGS: Take bed apart and treat cracks, joints and interior of frame-work. Treat mattresses and box springs; especially tufts, folds, and edges. Also treat picture frames, moldings and all cracks and crevices in the room. Do not use in hospital patient rooms.

CARPET BEETLES (In Residences): Hold product 36" above floor and direct spray toward floor and lower walls treating at a rate of 5 seconds per 100 sq. ft. Also apply as a Crack and Crevice[®] Treatment to cracks and crevices near the source of the infestation.

CLOTHES MOTHS: Locate source of infestation. Apply as a Crack and Crevice[®] Treatment into nearby cracks and crevices and perform a Space Treatment of infested area at a rate of 2 1/2 to 5 seconds per 1,000 cu. ft.

To protect woolens and other keratin containing materials, brush clean, then air out. Before treating entire article, treat a small hidden area of fabric to determine if staining will occur. Treat thoroughly by holding dispenser at least 18 inches from garment. Treated articles should be put into a closet or other darkened storage such as cedar chests, storage drawers, or sealable plastic fabric bags. For best protection clean and treat inside of closets or storage areas by treating 1/2 second per 10 sq. ft. before putting treated materials away. Treatment should be repeated every six months or once per week until infestation is controlled. Dry clean treated clothes before wearing.

FOR EXPOSED ADULT AND LARVAL STAGES OF CARPET BEETLES, CIGARETTE BEETLES, CONFUSED FLOUR BEETLES, DRUG STORE BEETLES, GRAIN MITES, GRANARY WEEVILS, RED FLOUR BEETLES, RICE WEEVILS, AND SAWTOOTHED GRAIN BEETLES: Apply as a Space Treatment at a rate of 10 seconds per 1,000 cu. ft. Contact as many insects as possible. Repeat treatment weekly or as insects appear. Infested stored products should be fumigated or treated by other effective methods using an approved product intended for this purpose. Also apply as a Crack and Crevice[®] Treatment in pantries, cabinets, food processing and handling equipment and other places where insects harbor. Apply around cartons, and containers, and other areas where these insects tend to congregate.

ANGOUNIS GRAIN MOTH, CHOCOLATE MOTH, INDIAN MEAL MOTH, MEDITERRANEAN FLOUR MOTH: Apply as a Space Treatment at a rate of 2 1/2 to 5 seconds per 1,000 cu. ft. Close all doors and windows. Direct into all parts of room, especially around stored product containers, pallets, and darkened areas. Keep area closed for 15 minutes following treatment. Open and ventilate the treated area before reoccupying. Repeat treatment weekly until infestation is controlled. Infested stored products should be fumigated or treated by other effective methods using an approved product intended for this purpose.

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.wmrg.com
© 2002 Whitmire Micro-Gen Research Laboratories, Inc.



For Pest Control Operator and Commercial Use Only

KILLS:

Angoumois Grain Moths, Ants, Bed Bugs, Booklice, Carpet Beetles, Centipedes, Chocolate Moths, Cigarette Beetles, Clothes Moths, Clover Mites, Cluster Flies, Cockroaches, Confused Flour Beetles, Crickets, Drug Store Beetles, Flies, Fruit Flies, Gnats, Grain Mites, Granary Weevils, Horn Flies, House Flies, Indian Meal Moths, Mediterranean Flour Moths, Millipedes, Mosquitoes, Mud Daubers, Red Flour Beetles, Rice Weevils, Sawtoothed Grain Beetles, Silverfish, Small Flying Moths, Sowbugs, and Stable Flies.

FOR USE IN AND AROUND:

Apartments, Campgrounds, Homes, and Non-food/feed areas of Hotels, Hospitals*, 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, Planes***), Utilities, Warehouses, and other Commercial and Industrial Buildings.

ACTIVE INGREDIENTS:

Prallethrin	0.150%
Pyrethrin	0.100%
s-Bioallethrin	0.135%
Piperonyl Butoxide, Technical*	1.000%
n-Octyl Bicycloheptene Dicarboximide	1.000%

OTHER INGREDIENTS:

Equivalent to 0.8% (Butylacetyl(6-Propylpiperonyl) Ether and 0.2% Related Compounds.	97.615%
TOTAL:	100.000%

EPA Reg. No. 499-499 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. 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 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 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.

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.

See side panel for additional Precautionary Statements.

NET WEIGHT:



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

ACCEPTED
with COMMENTS
In EPA Letter Dated:
MAY 14 2002

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

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Harmful if inhaled or absorbed through skin. Avoid breathing vapor or spray mist and provide adequate ventilation of area being treated. Avoid contact with skin, eyes or clothing. Remove contaminated clothing and wash before reuse. Wash thoroughly with soap and water after handling and before smoking or eating. Do not contaminate water, food, or foodstuffs. Remove all pets and birds. Cover fish tanks or remove before treating. In hospitals, patients should be removed from room prior to treatment. Treated room should be ventilated for two hours after spraying. Do not return patients to room until after ventilation.

NOTICE TO APPLICATOR: During any general volumetric treatment, wear a NIOSH approved respirator with an organic vapor (OV) cartridge or canister with any N, R, P or HE prefilter.

ENVIRONMENTAL HAZARDS

This pesticide is highly toxic to fish. Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Drift from treated areas may be hazardous to organisms in adjacent aquatic sites.

PHYSICAL OR CHEMICAL HAZARDS

Extremely 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 or 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.

- * 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.
- *** Do not use in aircraft cabins.

Do not use in food/feed areas of food/feed handling establishments, restaurants or other areas where food/feed is commercially prepared or processed. Do not use in serving areas where food is exposed or facility is in operation. Serving areas are areas where prepared foods are served such as dining rooms but excluding areas where foods may be prepared or held. In the home, cover all food handling surfaces and cover or remove all food and cooking utensils, or wash thoroughly after treatment.

Non-food/feed areas of food/feed handling establishments are areas such as garbage rooms, lavatories, floor drains (to sewer entries and vestibules), offices, locker rooms, machine rooms, boiler rooms, garages, mop closets and storage (after canning or bottling).

STORAGE AND DISPOSAL

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

STORAGE: Store in a cool area away from heat or open flame.

PESTICIDE DISPOSAL: Waste 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, wrap the container and discard in the trash.

For best results product should be used when can temperature is above 60°F. If can temperature is below 60°F, store at room temperature until a temperature above 60°F is reached.

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

CRACK AND CREVICE[®] TREATMENT: Use Whitmire Micro-Gen TC-236 with the supplied actuator and injection tubes or other Whitmire equipment. Inject TC-236 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 TREATMENT OF INACCESSIBLE VOIDS (including wall voids and equipment voids): Calculate the void's cubic area and treat at the rate of five to ten seconds per three cubic feet. Several holes may be required in long-running voids. For space treatments, follow the directions for specific pests.

SPACE TREATMENT: Calculate the cubic footage to be treated and apply at the dosage rate specified below for the pest(s) to be treated. Ventilate treated areas before reoccupying.