
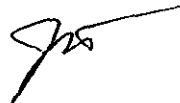


499-494

04/17/2001

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 <p>U.S. ENVIRONMENTAL PROTECTION AGENCY Office of Pesticide Programs Registration Division (H7505C) 401 "M" St., S.W. Washington, D.C. 20460</p>	EPA Reg. Number: 499-494	Date of Issuance: APR 17 2001
	Term of Issuance: Conditional	
	Name of Pesticide Product: TC 230	
<p>NOTICE OF PESTICIDE:</p> <p><input checked="" type="checkbox"/> Registration <input type="checkbox"/> Reregistration</p> <p>(under FIFRA, as amended)</p>		
<p>Name and Address of Registrant (include ZIP Code):</p> <p>Whitmire Micro-Gen Research Laboratories Inc. 3568 Tree Court Industrial Blvd. St. Louis, MO 63122-5682</p>		
<p><b>Note:</b> 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.</p>		
<p>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.</p> <p>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.</p> <p>This product is conditionally registered in accordance with FIFRA sec. 3(c)(7)(A) provided that you:</p> <ol style="list-style-type: none"> <li>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 your product under FIFRA section 4.</li> </ol> <p>Change the registration number to read "EPA Reg No. 499-494".</p> <p>Submit two copies of the finished printed label before the product is released for shipment.</p> <p>If the conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e).</p> <p>A stamped copy of the label is enclosed for your records.</p>		
<p>Signature of Approving Official:</p> <p><i>Joseph M. Sibold</i> Ann Sibold</p>	<p>Date:</p> <p>April 17, 2001</p>	



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**FLEAS IN BUILDINGS:** Hold product 36" above floor and direct toward floor and lower walls at a rate of 5 seconds per 100 sq. ft. making sure that all floor, sofa and chair surfaces are contacted. Keep area closed for 15 minutes. Open and ventilate the treated area before re-occupying. Repeat treatment after 7 days or as necessary.

**TICKS:** Holding container 36" above the floor, direct TC 230 toward bed and resting quarters and treat at a rate of 10 seconds per 1,000 sq. ft. Treat adjacent cracks and crevices such as behind baseboards and edges of carpet and floor covers. Treat higher cracks such as upper door jams and window framing, behind pictures and other areas where females may crawl to lay eggs.

**FOOD AREAS OF FOOD HANDLING ESTABLISHMENTS**

Food should be removed or covered during treatment. All food processing surfaces and equipment should be covered during treatment or thoroughly washed with an effective cleaning compound followed by a potable water rinse before using. When using this product, apply only when plant is not in operation.

**OUTDOOR TREATMENTS**

**OUTDOOR GROUND APPLICATION:** Flies, Gnats and Mosquitoes in open areas near buildings and in campgrounds. Best results are obtained when wind speed is five (5) MPH or less. Apply at a rate of 30 to 40 seconds per acre. Apply in wide swaths across area to be treated. Allow treatment to penetrate dense foliage. Repeat treatment as necessary.

**FLIES, CLUSTER FLIES, MUD DAUBERS AND WASPS:** Apply mist directly on insects and their nests from approximately 18 inches at a rate of 1 to 2 seconds per 1,000 sq. ft. Contacted insects will fly away from fog. Applications should be made in late evening when insects are at rest. Disperse into hiding and breeding places contacting as many insects as possible.

**STORAGE & 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 the few but growing number of communities where steel aerosol can recycling is available. Before offering for recycling, empty can by using the product according to the label. DO NOT INCINERATE! If recycling is unavailable, wrap the container and discard in the trash.

**PRECAUTIONARY STATEMENTS**

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

**CAUTION:** Avoid contact with skin or clothing. Prolonged or frequent repeated skin contact may cause allergic reaction in some individuals. Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.

**NOTICE TO APPLICATOR**

During any Space Treatment, wear a respirator with an organic vapor filtering cartridge with a prefilter approved for pesticides (MSHA/NIOSH approved number prefix TC-23C), or a canister approved for pesticides (MSHA/NIOSH approved number prefix TC-14G), or a NIOSH approved respirator with an organic vapor (OC) 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, or 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, or 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 electrical and any electronic equipment such as radios, televisions, computers, etc.

Contains no CFCs or other ozone depleting substances. Federal statute prohibits 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.wrmg.com

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**ACCEPTED  
with COMMENTS  
In EPA Letter Dated  
APR 17 2001**

**Under the Federal Insecticide,  
Fungicide, and Rodenticide Act,  
as amended, for the pesticide  
registered under EPA Reg. No.  
499-494**



**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, Fleas, 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, Spiders, Stable Flies, Ticks and Wasps.

**FOR USE IN AND AROUND:**

Apartments, Campgrounds, Food Storage Areas, Homes, Hospitals, Hotels, Meat Packing and Food Handling 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.

\* Cargo areas only.

**ACTIVE INGREDIENT:**

Pyrethrins ..... 2.0%  
Piperonyl Butoxide, Technical\* ..... 4.0%  
n-Octyl Bicycloheptene Dicarboximide ..... 4.0%

**OTHER INGREDIENTS:**

..... 90.0%  
\* Equivalent to 3.2% (Butylcarbitol)(6-Propylpiperonyl) Ether and 0.8% Related Compounds

**KEEP OUT OF REACH OF CHILDREN  
CAUTION**

**FIRST AID**

**IF SWALLOWED:** Call a physician or Poison Control Center. Do not induce vomiting. Do not give anything by mouth to an unconscious person. Avoid alcohol.

**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.

**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.

**NOTE TO PHYSICIAN:** This product may pose an aspiration pneumonia hazard. Contains petroleum distillate.

See side panel for additional Precautionary Statements.

EPA Reg. No. 499-494 • EPA Est. No. 499-MC-1

**NET WEIGHT:**

800-777-8570



**WHITMIRE MICRO-GEN  
RESEARCH LABORATORIES, INC.**

**DIRECTIONS FOR USE**

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

Do not use in aircraft cabins. Do not remain in treated area and ventilate the treated area after treatment is completed. 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.

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 THE WHITMIRE MICRO-GEN  
CRACK AND CREVICE® INJECTION SYSTEM:**

**CRACK AND CREVICE® TREATMENT:** Use Whitmire Micro-Gen TC 230 with the supplied actuator and injection tubes or other Whitmire Micro-Gen equipment. Inject TC 230 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, including 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.

**SPACE TREATMENT:** Calculate the cubic footage to be treated and apply at the dosage rate specified below for the specific pest(s) to be treated. Ventilate treated area before re-occupying.

**INDOOR TREATMENTS**

**CLUSTER FLY, FLIES, FRUIT FLIES, GNATS, MOSQUITOES, SMALL FLYING MOTHS:** Apply as a Space Treatment directing fog upward at a rate of 1/2 to 1 1/2 seconds per 1,000 cu. ft. Disperse in all locations. Close all windows and doors and keep area closed for 15 minutes. Open and ventilate the treated area before re-occupying. Repeat treatment as necessary.

**ANTS, BOOKLICE, CENTIPEDES, CLOVER MITES, COCKROACHES, CRICKETS, MILLIPEDES, SILVERFISH, SOWBUGS, AND SPIDERS:** Apply as a Crack and Crevice® treatment into cracks and crevices in all hiding places (such as 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. For a Space treatment, 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 re-occupying.

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. Apply with Whitmire Micro-Gen Crack & Crevice® actuator, injection tubes or other Whitmire Micro-Gen equipment.

**BED BUGS:** Take bed apart and treat cracks, joints and interior of framework. Treat mattresses and box springs, especially tufts, folds, and edges at a rate of 5 to 10 seconds per 1,000 sq. ft. Also treat picture frames, moldings and all cracks and crevices in the room. Do not use in hospital patient rooms and nursing homes for treatment of bed bugs.

**LICE AND LICE EGGS: Not for Use on Humans or Animals.** Treat an inconspicuous area to test for possible staining or discoloration. Inspect after drying, then treat entire area. Apply to infested surface from a distance of 18 inches. Treat at the rate of 1/2 second per square foot. Treat all mattresses, furniture or similar objects that cannot be laundered or dry cleaned. Do not use article until treated area has dried.

**CLOTHES MOTHS AND CARPET BEETLES:** 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 1 to 1 1/2 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 darkened closet or other darkened storage areas such as cedar chest, storage drawers, or sealable plastic fabric bags. For best protection clean and treat inside of closets or storage areas by treating 1/2 seconds per 10 sq. ft. before putting treated materials away. Treatment should be repeated every six months or as needed. Dry clean treated clothes before wearing.

**CLUSTER FLIES, CLOVER MITES, WASPS AND BEES INSIDE STRUCTURAL VOIDS:** For treatment of these pests, locate all insect entrances and close all but one opening. Determine size of void and inject 2 1/2 to 5 seconds per three cubic feet of void into remaining opening. For best results, treat at dusk or later.

**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 Crack and Crevice® treatment into cracks and crevices of pantries, cabinets, food processing and handling equipment and other places where insects harbor or as a Space Treatment at a rate of 10 seconds per 1,000 cu. ft. Apply around canons, and containers, and other areas where these insects tend to congregate. 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.

**ANGOUMOIS 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 dunnage areas. Keep area closed for 15 minutes following treatment. Open and ventilate the treated area before re-occupying. Repeat treatment weekly or as necessary. Infested stored products should be fumigated or treated by other effective methods using an approved product intended for this purpose.