

499-523

03/15/2007

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U.S. ENVIRONMENTAL PROTECTION AGENCY  
Office of Pesticide Programs  
Registration Division (H7505C)  
1200 Pennsylvania Avenue, N W  
Washington, D.C. 20460

EPA Reg Number  
499-523

Date of Issuance

MAR 15 2007

Term of Issuance  
Conditional

Name of Pesticide Product

TC 260

## NOTICE OF PESTICIDE:

Registration  
 Reregistration

(Under FIFRA as amended)

Name and Address of Registrant (include ZIP Code):

Whitmire Micro-Gen Research Laboratories  
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), subject to the following provisions:

1. You will 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.
2. You will make the following label changes before you release the product for shipment:
  - a) Revise the EPA Registration Number to read "EPA Reg. No. 499-523".
  - b) Under First Aid list the "If on Skin or Clothing" statements first.
  - c) Revise the last sentence under Hazards to Humans and Domestic Animals to read: "*Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Remove and wash contaminated clothing before reuse.*"
  - d) Replace the directions for bed bugs with that requested in our February 11, 2007 letter for TC-198, EPA Reg. No. 499-470. Note cyfluthrin is not approved for direct application to fabric. This revision should also be made on the labeling for PT 600A Optem Insecticide under EPA Reg. No. 499-303.

- e) Delete Fire ants from the label. The cited/submitted efficacy data do not support these pests. You may list "*Ants (except Fire and Harvester Ants)*"
- f) On the top of page 2, delete the statement "*Spot treatments with TC 260 can be applied as a temporary control measure....system.*" These claims are not supported with data.

Then add the following language for termites: "*This treatment is intended for localized termite infestations only. The purpose of such applications of TC 260 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.*"

- g) Add the following footnote under "Wood Destroying Insects (...Termites)" on the front panel: "*\* Not a substitute for mechanical alteration, soil or foundation treatment.*"
- h) Under Food Handling Establishments add the following instructions: "*Limit individual spot treatments to an area no larger than 20% of treated surface. Individual spot treatments should not exceed two square feet.*"
- i) Under How to Use TC 260 delete "Reapply as necessary to obtain control" since it is in conflict with the 10 day retreatment interval.

3. The acute toxicity profile of this product is as follows:

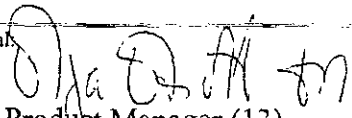
Acute Oral -----	IV	Primary Eye Irritation -----	IV
Acute Dermal ---	III	Primary Dermal Irritation ---	IV
Acute Inhalation ---	Waiver granted	Skin Sensitization -----	Negative

- 4. The Confidential Statement of Formula (CSF) dated 18-Aug-2006 is acceptable. A copy of the CSF has been placed in the file for the subject product.
- 5. The product chemistry data submitted to support registration of this formulation have been reviewed and found acceptable to fulfill the data requirements of 830 Series subgroup A and Subgroup B with the exception of storage stability (830.6317) and corrosion characteristics data (830.6320). **One year storage stability and corrosion characteristics data must be submitted to the Agency within one year from the date of this Notice.**
- 6. Submit two (2) copies of your final printed labeling before releasing the product for shipment. 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.

Copies of the acute toxicity, product chemistry, and product efficacy reviews are enclosed for your records.

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

Signature of Approving Official:



George T. LaRocca, Product Manager (13)  
Insecticide Branch/Registration Division (7505P)

Date:

MAR 15 2007

Enclosures

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# TC 260

**KILLS:** Ants (including Carpenter, Fire and Pharaoh), Asian Lady Bugs, Bed Bugs, Bees, Boxelder Bugs, Carpenter Bees, Carpet Beetles, Centipedes, Clover Mites, Cockroaches, Crickets, Earwigs, Firebrats, Flies, Flour Beetles (Confused, Red, Sawtoothed), Fruit Flies, Fungus Gnat Larvae, Hornets, Indianmeal Moths, Mediterranean Flour Moths, Millipedes, Scorpions, Silverfish, Sowbugs, Spiders (also Brown Recluse), Thrips, Ticks, Wasps, Wood Destroying Insects (Powder Post Beetles, Old House Borer, Wharf Borer, Subterranean and Drywood Termites) and Yellowjackets

**FOR USE IN AND AROUND:** Apartments, Homes, Hospitals, Hotels, Food Handling Establishments, Restaurants, Hotels, Hospitals and Nursing Homes (Non-patient Areas), Motels, Hobby Greenhouses, Interiorscapes, Office Buildings, Schools\*, Transportation Equipment (Buses, Boats, Ships, Trains, Planes†) and Warehouses and Other Commercial and Industrial Buildings.

\* Do not apply to classrooms when in use.

† Do not use in aircraft cabins.

**ACTIVE INGREDIENT:**

Cyfluthrin:.....

**OTHER INGREDIENTS:**.....

**ACCEPTED  
with COMMENTS  
In EPA Letter Dated  
MAR 15 2007**

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 499-523

.....	0.1%
.....	99.9%
<b>TOTAL:</b>	<b>100.0%</b>

EPA Reg. No. 499-XXX EPA Est. No. 499-MO-1

## KEEP OUT OF REACH OF CHILDREN

## CAUTION

[ALTERNATE TEXT: See side panel for First Aid and Precautionary Statements]

### FIRST AID

**IF IN EYES:** Hold eyes open and rinse slowly and gently with water for 15 - 20 min. Remove contact lenses, if present, after the first 5 min., then continue rinsing eyes. Call a poison control center or doctor for treatment advice.

**IF ON SKIN OR CLOTHING:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 - 20 min. 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.

### PRECAUTIONARY STATEMENTS

#### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**CAUTION:** Harmful if absorbed through skin. Avoid contact with skin, eyes or clothing. 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 wastes. Apply this product only as specified on this label.

#### PHYSICAL OR CHEMICAL HAZARDS

Contents under pressure. Do not use or store near heat or open flame. Do not puncture or incinerate container. Exposure to temperatures above 130°F may cause bursting. This product contains a flammable propellant. Do not apply directly into any electronic equipment such as radios, televisions, computers, etc. Do not apply where electrical short circuits might result, such as in wall outlets, conduits, motors, switches, etc. Product should only 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.

### DIRECTIONS FOR USE

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

#### SHAKE WELL BEFORE USING

Avoid contamination of food, utensils, and food preparation areas. Keep children and pets off treated areas until spray has dried. Do not use in classrooms while in use. Reapplications may be made at 10 day intervals.

#### HOW TO USE TC 260

**SHAKE WELL BEFORE EACH USE.** TC 260 is a ready-to-use insecticide formulation containing cyfluthrin. When dispensed, the formulation rapidly expands generating a dry foam with an expansion ratio of approximately 20:1, with 1 oz. of product producing approximately 1 qt. of

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foam. This product can be used to control selected insects infesting or located within cracks and crevices, voids, or on exposed surfaces. However, TC 260 cannot be used as a sole source for the control of active structural infestations of subterranean termites (e.g., *Coptotermes*, *Reticulitermes*, *Heterotermes*, and *Zootermopsis* species) and is intended as a support tool to soil residual insecticides, termite bait systems, or other products that are registered and labeled as sole source or stand-alone termite control products. Spot treatments with TC 260 can be applied as a temporary control measure prior to the date of a soil residual application or installation of a termite baiting system.

Use TC 260 only with the supplied actuator and injection tip(s). TC 260 can be applied into voids, cracks and crevices, or other small openings by inserting the injector tip, when connected to the actuator and application tube, into these areas and injecting enough foam to adequately treat the area. Once the actuator has been released, hold the injector tip in place for approximately 8 sec. to allow the product within the injector tube to dispense into the treatment area. Application to exposed surfaces can be made in areas where access or exposure to the treated surface area is limited or until the foam residue has dried or dissipated. TC 260 can be applied in and around commercial and residential structures as well as non-structural elements subject to attack by, or provide harborage to, insects. Reapply as necessary to obtain control.

**SPOT TREATMENT:** To make a spot treatment, make an application onto a surface area not to exceed 2 sq. ft. for each spot of application. Allow foam to dissipate or wipe surface dry before leaving site.

**FOOD HANDLING ESTABLISHMENTS**

Applications of TC 260 are permitted in both food and non-food areas of food handling establishments as spot treatments or Crack & Crevice® treatments. Food handling establishments are defined as places other than private residences in which exposed food is held, processed, prepared or served. Food areas are areas for receiving, storing, packing (canning, bottling, wrapping, boxing), preparing, edible waste storage and enclosed processing systems (mills, dairies, edible oils, syrups) of food. Serving areas where food is exposed and the facility is in operation are also considered food areas.

**SPOT AND CRACK & CREVICE APPLICATION:** Spot and Crack & Crevice applications may be made while the facility is in operation, except in federally inspected meat and poultry plants. Cover or remove food from area being treated. Do not apply directly to food or food handling surfaces. May be used in federally inspected meat and poultry plants.

**INDOOR TREATMENTS**

**CRAWLING INSECTS - Cockroaches, Spiders, Silverfish, Crickets, Firebrats:** Apply as a spot, void and/or Crack & Crevice treatment in areas where these pest crawl and hide, especially in cracks and crevices, voids and hidden areas around sinks and storage areas, behind baseboards, around doors and windows, behind and under refrigerators, cabinets, sinks and stoves, the underside of pantry shelves, drawers, bookcases and similar areas.

**TICKS:** Thoroughly treat infested and egg laying sites near pet resting areas such as cracks and crevices, voids, behind baseboards, door and window frames.

**ANTS:** Treat nests and points of entry in and around areas such as doors, windows, utility penetrations, book cases and storage areas. Treat voids where infestations are suspected or found.

**CARPET BEETLES:** Make applications on and under edge of floor coverings, under carpets and furniture and in closets or other localities where these insects are found.

**BED BUGS:** Allow treated articles to dry thoroughly before use. Take bed apart. Treat joints and channels if hollow, such as square or round tubing. See that the interior framework is treated. Treat mattresses, especially tufts, folds and edges and allow foam to dissipate or wipe clean before leaving the account. Cover mattresses with outer sheets before use. Do not apply to other bedding articles. Also treat other areas where bed bugs may be harboring, such as box springs, behind headboards, furniture, wall hangings, baseboards, crown molding and wall voids.

**STORED PRODUCT PESTS:** Make spot, void and/or Crack & Crevice treatment to localized areas including shelves, cupboards, and storage areas where food products suspected of being infested are located. Remove or cover food before treatment. This treatment is supplemental to good housekeeping, since it will have no effect on insects within packaging. Infested food packaging should be destroyed.

**INDOOR AND OUTDOOR TREATMENTS**

**USE SITES**

Insert product into insect galleries in damaged wood, into spaces between wooden structural members, or into voids where infestation is found or suspected. Inject into cracks and crevices where insects are found or suspected or into holes drilled through concrete, wood or other materials to gain access to the area to be treated.

**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. Where necessary, drill pilot holes into insect tunnels, galleries and inaccessible closed voids. Distribute the holes to adequately treat the infested area. Avoid drilling in areas near electrical wiring, plumbing, communication lines, etc. Do not apply product into or near electrical switches, outlets, junction boxes or other areas where electrical shock or sparks may occur.

**CARPENTER BEES:** Locate entrance holes. Inject foam to fill voids. Entrances should be sealed after application.

**TERMITES:** Apply product to termite galleries in damaged wood, into spaces between wooden structural members, or into voids within the construction. Detection through the use of K9 or other detection devices such as mechanical sounding techniques, listening devices (e.g., stethoscopes, acoustic emission detectors), imaging devices (e.g., x-ray devices, infrared cameras) or movement detection equipment (e.g., microwave detectors) can aid in identifying galleries and tunnels within wooden elements. Locations for treatment may include exposed wooden

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elements in crawlspaces, basements, or attics, unexposed wooden elements inside walls or other structural voids, exterior wooden elements in decks, fencing, landscape timbers, wooden retaining walls or siding channels in damaged wood, in spaces between wooden elements of a structure, and junctions between wood and foundations. Application to exposed termite tunnels (i.e., mud tubes) may be made by breaking open a section of the mud tube and applying TC 260 directly over the exposed area. Apply a sufficient amount of foam to cover the exposed area and to a distance of approximately 2" in each direction over the mud tube itself. Use TC 260 in commercial and residential structures, as well as other, non-structural wooden constructions subject to termite or wood-infesting attack. Use of a moisture meter may aid in determining the spread or area within a wall void treated with TC 260.

**DRYWOOD TERMITES:** Galleries or voids infested by drywood termites can be treated with TC 260. Locate galleries or entry points into the gallery system by using visual signs (e.g., frass or pellets, blistered wood, emergence of clean out holes), presence of live termites. K-9 detection, mechanical sounding techniques, listening devices (e.g., stethoscopes, acoustic emission detectors), imaging devices (e.g., x-ray devices, infrared cameras) or movement detection equipment (e.g., microwave detectors) can help in this process. Once located, drill holes along the gallery chamber(s) in sufficient numbers to allow for adequate treatment of the area. Inject TC 260 through the injector tip into the holes. Although a sufficient amount of TC 260 should be applied to fill the gallery or void, it is not necessary to treat to the point where runoff is detected from adjacent holes.

**CARPENTER ANTS:** Locate source of infestation. Inject foam into insect tunnels, cavities and/or voids. Treat points of entry or exits from voids such as around doors and windows. Treatment of voids associated with trees, shrubs, fences or other non-structural elements is permitted.

**FOR ACTIVE AND HIBERNATING STAGES OF BOXELDER BUGS, ELM LEAF BEETLES, CLUSTER FLIES AND CLOVER MITES:** Inject into 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.

**OUTDOOR TREATMENTS**

**USE SITES**

Insert product into insect galleries and/or nest sites in damaged wood, into spaces between wooden structural members, or into above ground or below ground voids where infestation is found or suspected. Inject into cracks and crevices where insects are found or suspected or into holes drilled through concrete, wood or other materials to gain access to the area to be treated.

**PERIMETER TREATMENT:** For crawling insects, apply TC 260 to cracks and crevices and associated voids where insects may enter premises. Areas to be treated include, but are not limited to, weep holes, under siding, wall voids, soffits, around attic vents, cracks and crevices, openings around windows, doors, pipes and other utility penetrations such as cable TV and telephone lines. Treatment of known or suspected infested fencing, landscape timbers, trees and large shrubs is permitted.

**CRAWLING INSECTS:** For treatment of localized infestations of these insects in outdoor areas which are landscaped, planted, mulched or unmaintained, treat infested areas. For ants, inject foam into nests or infested areas. Treatment of known or suspected infested fencing, landscape timbers, trees and large shrubs is permitted.

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

**SUBTERRANEAN ANTS SUCH AS ARGENTINE ANTS AND FIRE ANTS:** Where possible, inject the nest at 3 - 6 sites. Foam should move throughout the nest. 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. For best results, apply when temperature is 65 - 85°F, or in early morning or late evening hours. Treat new nests as they appear. For fire ants, inject foam in multiple sites so that the foam is placed into the galleries and under the debris mound located at the surface of the soil. Apply enough foam so that the area under the debris mound is adequately treated.

**TERMITES AND CARPENTER ANTS LIVING INSIDE TREES:** Determine the areas of infestation and inject TC 260 directly into the tree. It may be necessary to drill holes into the tree to gain access to interior galleries or carton nests. Drill holes in areas of suspected termite or ant activity and to a depth sufficient to reach the center of the tree, where necessary. It may be necessary to drill multiple holes around the circumference of the tree and at varying heights to adequately treat the nest or gallery system. For trees with severe infestation or very large trees, the interior cavity within the tree may be larger than what can be adequately treated with a single can of TC 260.

**TERMITES AND CARPENTER ANTS IN STUMPS, UTILITY POLES AND FENCES:** Treat accessible holes or drill holes in a circular pattern where insect activity is known or is suspected. Inject foam to treat void.

**TERMITE WALL VOID AND CARTON TREATMENTS:** Foam into voids and galleries to kill localized infestations above ground. Use enough foam to adequately treat area. It may be necessary to inject at multiple locations to adequately cover larger interior carton or gallery systems. Use of a moisture meter may aid in determining the spread or area within the wall void treated with TC 260.

Do not use this product as the sole source of control for active, structural infestations by subterranean termites; it is not a substitute for mechanical alteration, soil and foundation treatments. For active, structural infestations by subterranean termites, this product can only be used to supplement a soil-applied termiticide, a termite bait system, or other product registered as a sole source for termite control. This product is intended as a supplemental tool to kill subterranean termites.

**CARPENTER BEES:** Locate entrance holes. Inject foam to fill voids. Seal bee entrances and fill voids after application.

## 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:** Do not puncture or incinerate! Empty container by using the product according to 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.

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](http://www.wmmg.com)

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