

499-528

2-25-2008

1/12



U.S. ENVIRONMENTAL PROTECTION AGENCY

Office of Pesticide Programs
Registration Division (7505P)
1200 Pennsylvania Avenue, N.W.
Washington, D.C. 20460

EPA Reg. Number:
499-528

Date of Issuance:
FEB 25 2008

Term of Issuance:
Conditional

Name of Pesticide Product:
TC 251B

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 Blvd.
St. Louis, MO 63122

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. 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 Registration Number 499-528."

Signature of Approving Official:

Date:

2/12

EPA Reg. No. 499-528

b. Delete all reference to the term "residual" wherever it occurs on the label. In addition to insufficient efficacy data for a general "residual" control claim, the label does not sufficiently address longevity of residual control.

c. Delete the claim "lasts for up to one month". The data does not support this claim.

d. All references to "controls" must be revised to read "kills."

e. Within the Directions for Use, include the following statement: "Kills pests on contact."

f. To retain the claim "ants", the following disclaimers must be added: "Excluding Pharaoh Ants" and "For control of foraging fire, harvester, and carpenter ants".

g. Fire ant control claims are not supported. In order to support this claim, data must be provided in accordance with the performance guidelines at 810.3100 Soil Treatments for Imported Fire Ants.

h. To retain the claim "spiders" the following disclaimer must be added: Spiders (excluding black widow and brown recluse). In order to support spiders added data for both black widow and brown recluse spiders must be submitted.

i. All references to the following pests and directions must be deleted from the label. "termites", "yellow jackets", "hornets", "wasps", "brown recluse spiders" and "bed bugs". The data did not support these pests.

Refer to the enclosed efficacy review for specific details regarding the data.

ACUTE TOXICITY REVIEW

STUDY	MRID	CATEGORY	CLASSIFICATION
Acute Oral	47015202	IV	Acceptable
Acute Dermal	47015203	IV	Acceptable
Acute Inhalation	47263801	IV	Acceptable
Eye Irritation	47015204	IV	Acceptable
Dermal Irritation	47015205	IV	Acceptable
Dermal Sensitization	47015206	Negative	Acceptable

j. Under Outdoor Treatments add the use site limitation, "Not for Use in Outdoor Residential Mistng Systems".

k. Under "Mosquito Control Outdoors" add, "Not for use in wide area local, state or federal control programs."

l. Under Pest Control in Crawl Spaces revise the next to last sentence to read , "Treat surfaces thoroughly but do not allow runoff to occur."

3/12

EPA Reg. No. 499-528

m. Under Use Restrictions on Page three delete the last part of the first bullet i.e., "xx and do not reformulate this product into other end use products.". This statement is in conflict with the applicant's right to apply for registration of a product under formulators exemption (CFR 40 Sect 152.85).

n. You have not included all the required worker protection labeling for products subject to WPS. Either delete the Horticultural Uses or add the following WPS language:

Following the Precautionary Statements add:

Personal Protective Equipment:
Applicators and other handlers must wear: long- sleeved shirt and long pants, waterproof gloves, and shoes plus socks.

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with the products concentration. Do not reuse them. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

User Safety Recommendations:

Users should:

Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
Remove clothing immediately if pesticides get inside. Then wash thoroughly and put on clean clothing.

Immediately above the Agricultural Use Requirement box add:

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

Following the Agricultural Use Requirements box add:

Non- Agricultural Requirements

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Product Standards for agricultural pesticides (40CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries and greenhouses.

Do not allow people or person treated surfaces until the spray has dried.

Do not touch treated surface until dry.

Page 4.

EPA Reg. No. 499-528

3. Please note that a notice of availability of EPA's registration eligibility document (RED) for product containing Permethrin was published in the FR on June 28, 2006 (Vol 71 No. 124 page 36788). Additional data and/or labeling changes may be required for products containing Permethrin.

4. You must generate studies corresponding to guidelines 830.6317 (one year storage stability) and 830.6320 (corrosion characteristics). The observations must be made at 0, 3, 6, 9, and 12 months intervals. The corrosive characteristic study may be carried out concurrently. The results must be submitted to the Agency along with an electronic format also.

5. Note that there are new changes on the labeling of pesticide products regarding container disposal and containment. Refer to PR Notice 2007-4 regarding required label changes and revise your product label accordingly.

6. Please 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.

If you have any questions regarding this action, please contact Linda A. DeLuise of my team at (703) 305-5428.

4/
12

5/12

Prescription Treatment® brand TC 251B Controlled Release Permethrin

- Lasts for up to one month

CONTROLS:

Ants, Bed Bugs, Bees, Boxelder Bugs, Brown Recluse Spiders, Cadelles, Carpenter Ants, Carpenter Bees, Centipedes, Chocolate Moths, Cigarette Beetles, Clover Mites, Cluster Flies, Cockroaches, Crickets, Darkling Beetles, Dermestids, Drugstore Beetles, Earwigs, Elm Leaf Beetles, Fire Ants, Firebrats, Fleas, Flies, Flour Beetles, Grain Weevils, Hide Beetles, Hornets, House Flies, Indianmeal Moths, Larder Beetles, Lesser Grain Borers, Lesser Mealworms, Mediterranean Flour Moths, Merchant Grain Beetles, Mealworms, Millipedes, Mosquitoes, Pill Bugs, Rice Weevils, Sawtoothed Grain Beetles, Scorpions, Silverfish, Sow Bugs, Spiders, Springtails, Termites, Ticks, Warehouse Moths, Wasps, Webbing Clothes Moths, Wood Wasps, Wood-infesting Borers and Beetles and Yellowjackets

FOR USE IN AND AROUND:

Apartments, Calf Hutches, Calving Pens and Parlors, Campgrounds, Empty Chicken Houses, Dairy Areas, Dog Kennels, Hog Barns, Homes, Horse Barns, Hospital†, Hotels, Milkrooms, Motels, Non-Food Areas of (Food Storage Areas, Grain Mills, Granaries, Meat Packing Plants, and Supermarkets,) Transportation Equipment (Buses, Boats, Ships, Trains, Trucks, Planes†) Utilities, Warehouses, Commercial, Institutional† and Industrial Buildings

† Refer to the Use Restrictions section of the complete label accompanying this product for special instructions regarding use of this product in these sites.

ACTIVE INGREDIENT:

Permethrin..... 23.0%

OTHER INGREDIENTS:..... 77.0%

TOTAL 100.0%

EPA Reg. No. 499-xxx • EPA Est. No. 499-MO-1

KEEP OUT OF REACH OF CHILDREN

CAUTION

(NOTE: Signal word is not required. Product meets the criteria of Tox Cat. IV by all routes of exposure. If we choose to use one it must be CAUTION.)

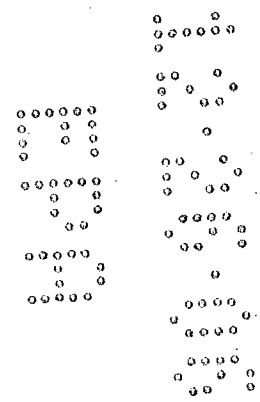
(Alternate text: See complete label accompanying product for First Aid, Precautionary Statements, Directions for Use and Storage and Disposal)

NET CONTENTS: _____



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

FEB 25 2008
Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 499-528



6/12

**Prescription Treatment® brand
TC 251B
Controlled Release Permethrin**

- **Lasts for up to one month**

CONTROLS:

Ants, Bed Bugs, Bees, Boxelder Bugs, Brown Recluse Spiders, Cadelles, Carpenter Ants, Carpenter Bees, Centipedes, Chocolate Moths, Cigarette Beetles, Clover Mites, Cluster Flies, Cockroaches, Crickets, Darkling Beetles, Dermestids, Drugstore Beetles, Earwigs, Elm Leaf Beetles, Fire Ants, Firebrats, Fleas, Flies, Flour Beetles, Grain Weevils, Hide Beetles, Hornets, House Flies, Indianmeal Moths, Larder Beetles, Lesser Grain Borers, Lesser Mealworms, Mediterranean Flour Moths, Merchant Grain Beetles, Mealworms, Millipedes, Mosquitoes, Pill Bugs, Rice Weevils, Sawtoothed Grain Beetles, Scorpions, Silverfish, Sow Bugs, Spiders, Springtails, Termites, Ticks, Warehouse Moths, Wasps, Webbing Clothes Moths, Wood Wasps, Wood-infesting Borers and Beetles and Yellowjackets

FOR USE IN AND AROUND:

Apartments, Calf Hutches, Calving Pens and Parlors, Campgrounds, Empty Chicken Houses, Dairy Areas, Dog Kennels, Hog Barns, Homes, Horse Barns, Hospitals†, Hotels, Milkrooms, Motels, Non-Food Areas of (Food Storage Areas, Grain Mills, Granaries, Meat Packing Plants, and Supermarkets,) Transportation Equipment (Buses, Boats, Ships, Trains, Trucks, Planes†) Utilities, Warehouses, Commercial, Institutional† and Industrial Buildings

† Refer to the Use Restrictions section for special instructions regarding the use of this product in these sites.

ACTIVE INGREDIENT:

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TOTAL 100.0%

EPA Reg. No. 499-xxx • EPA Est. No. 499-MO-1

KEEP OUT OF REACH OF CHILDREN

CAUTION

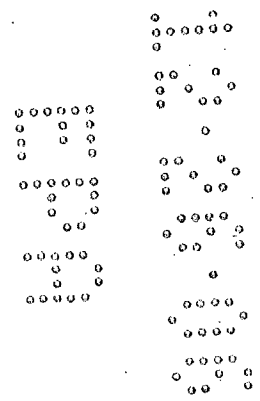
(See note from container label)

See page 2 for First Aid, Precautionary Statements and Directions for Use.

NET CONTENTS: _____



WHITMIRE MICRO-GEN
RESEARCH LABORATORIES INC.
800-777-8570 www.wmmg.com



2/12

PRECAUTIONARY STATEMENTS**ENVIRONMENTAL HAZARDS**

This product is highly toxic to bees exposed to direct treatment or residues on crops or weeds. Do not apply this product or allow it to drift to crops or weeds on which bees are actively foraging. Additional information may be obtained from your Cooperative Extension Service.

This product is extremely toxic to fish and aquatic invertebrates. Remove from premises or tightly cover fish tanks and disconnect aerators when applying indoors and anywhere such containers are present. 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. Do not apply when weather conditions favor drift from treated areas. Drift and runoff from treated areas may be hazardous to aquatic organisms in neighboring areas.

DIRECTIONS FOR USE

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

GENERAL INFORMATION

Apply this product only as specified on this label. This product is a flowable microencapsulated concentrate containing 2 lbs of permethrin per gallon. This product may be used on any surface which will not be damaged or stained by water. Heavy applications may leave a visible deposit. On some surfaces, this deposit can be removed with a damp cloth or sponge. In situations where conventional application methods have not or are not likely to provide adequate coverage, foam generating equipment or similar machines can be used to provide a continuous coverage. Use drier foam inside wall voids to avoid any water damage or electrical short circuits.

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 while food/feed 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, remove or cover all food/feed processing surfaces and exposed utensils, in the treatment area, prior to application or wash thoroughly before use; remove or cover any exposed food/feed prior to application. Non food/feed areas are areas such as garbage rooms, restrooms, floor drains(to sewers), entries and vestibules, offices locker rooms, machine rooms, boiler rooms, garages, mop closets and storage (after canning or bottling).

USE RESTRICTIONS

- Do not apply this product through any type of irrigation system and do not formulate this product into other end-use products.
- Do not apply water-based sprays of this product to wall outlets, conduits, motor housing, junction and switch boxes or other electrical equipment where electrical short circuits might result because of possible shock hazard.
- Do not apply in aircraft cabins.
- Do not apply to humans, their clothing or bedding.
- Do not apply to firewood.
- Do not contaminate food or use on household pets. Cover fish tanks prior to application.
- Do not allow children or pets to contact treated surfaces until spray has dried.
- Do not apply in patient rooms while occupied or in any rooms while occupied by the elderly or infirm.
- Do not contaminate food, feedstuffs, or water supply. Do not contaminate food preparation surfaces, kitchen utensils, dishes, or food storage containers. Cover any food/feed contact surfaces and cooking utensils in the treatment area during treatment or thoroughly clean before using.
- Do not use in food/feed areas of food/feed handling establishments, restaurants or other areas where food/feed is commercially prepared or processed (see General Information section for additional information).
- Do not apply to classrooms when in use.
- Do not apply when occupants are present in the immediate area in institutions such as libraries, sport facilities, etc.

MIXING INSTRUCTIONS

Thoroughly clean spray equipment before using this product. Shake concentrate well before diluting. When diluting, first add approximately one-half (1/2) of the water to the spray tank and then add the proper amount of product. When emptying the bottles, triple rinse with water, shake well and add the rinsate to the spray tank. Add the rest of the water and agitate the sprayer

8/1/12

thoroughly. Agitate sprayer occasionally during use to ensure even mixture. Shake or reagitiate sprayer if spraying is interrupted or if dilution is left in sprayer overnight. If spray screens are used, they should be 50 mesh or larger.

FOAM APPLICATION USE DIRECTIONS: This product can be converted to a foam and the foam used to treat structural voids to control insect and arthropod pests in walls, under slabs or in other void areas. Apply as a dry foam (approximately 25:1). Fill void with foam so that all surfaces are contacted. Mix end-use dilution with manufacturer's recommended volume of foaming agent. Use the recommended rate suspension converted to a foam to achieve the desired foam expansion ratio. Verify before treatment that the foaming agent is compatible with product.

SPRAY DILUTION CHART

Amount of Finished Spray	Spray Concentrate	
	0.5% Spray	1.0% Spray
1 gal	2 2/3 fl oz	5 1/3 fl oz

Use the higher rate for clean-outs, for longer residual control or for high insect infestations.

INDOOR TREATMENTS

Dilute product to 0.5% or 1.0% with water using the spray dilution chart.

Use as a Crack & Crevice[®] residual product where insects may be hiding, living and breeding and/or for selected spot application.

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

CENTIPEDES, COCKROACHES, CRICKETS, DERMESTIDS, EARWIGS, FIREBRATS, MILLIPEDES, PSOCIDS, SILVERFISH, SOWBUGS, SPIDERS: Make spot treatment and/or Crack & Crevice injections into hiding places such as cracks and crevices, void areas, moist areas, openings around pipes and sinks and under refrigerators. Repeat as necessary, but not more than twice per week. Treatments must be at least 3 days apart.

FLIES: Make spot applications of product on surfaces where flies rest in the dark at night or frequent during the day, such as window frames, screens, trash cans, ceilings and upper wall surfaces.

CARPET BEETLES (Dermestids): Treat along edges of carpet, under carpet edge, furniture, throw rugs and as a Crack & Crevice application in closets and other shelving where infested items are stored. Do not treat clothing with this product. Repeat application as necessary, but not more than twice per week. Treatments must be at least 3 days apart.

BED BUGS: Take bed apart. Treat joints and channels if hollow, such as square or round tubing, and see that the interior framework is treated. Treat mattresses, especially tufts, folds and edges. Cover mattresses before use. Allow mattresses to dry thoroughly and cover with clean bedding before using. Bed Bugs may also harbor in areas of the room away from the bed. Apply as a Crack & Crevice or spot treatment to night stands and other furniture in the room, wall voids, behind wall hangings, floor moldings, window casings, carpet edges, popcorn ceilings and other cracks & crevices.

TICKS: Apply as a spot and/or Crack & Crevice treatment in infested and egg laying areas such as pet resting quarters, nearby cracks and crevices, behind baseboards, doors and window frames. Replace old pet bedding with clean fresh bedding after treatment. Do not treat pets with this product. Repeat application as necessary, but not more than twice per week. Treatments must be at least 3 days apart.

ANTS: Inject cracks, crevices and voids where ants may be traveling and/or harboring, including but not limited to, around doors, window frames, and other structural cracks, crevices and voids. Spot treatment of trails and feeding areas may also be made.

STORED PRODUCT PESTS (Exposed Adult And Immature Stages): Before storing products, treat warehouses, production facilities, storage areas, rail cars, truck beds and other areas where products are stored. Apply as a spot and/or Crack & Crevice treatment to cracks, crevices and surfaces where pests have been seen or may have harborage. This product may be used to treat grain storage facilities and other listed areas for stored product pest control. Cleaning areas prior to using this product will increase the level of control. Remove and destroy any infested foodstuffs.

INDOOR AND OUTDOOR TREATMENTS

Select one of the following dilutions, 0.5% or 1.0% for insects listed below unless otherwise noted.

HIBERNATING STAGES OF BOXELDER BUGS, ELM LEAF BEETLES, CLUSTER FLIES AND CLOVER MITES: Inject cracks, crevices and/or voids where these insects may be harboring or hibernating. Infested areas include, but are not limited to, cracks and crevices in weep holes, wall voids, around window and door frames and under siding. Treat wall area around entry

9/12

points on exterior where insects congregate. Repeat application as necessary, but not more than twice per week. Treatments must be at least 3 days apart.

CARPENTER ANTS: Make spot and/or Crack & Crevice applications to any trails, inside or outside around doors and windows, and other places where ants enter premises. Areas which may be treated include, but are not limited to, atriums, crawl spaces, ceilings, garages, soffits, wall voids, weep holes and other void areas. Where possible, treat ant nest or infested wood directly. Repeat application as necessary, but not more than twice per week. Treatments must be at least 3 days apart.

BEEES, WASPS AND YELLOWJACKETS: As a preventative or remedial treatment to help prevent these insects from building nests or workers from congregating on structures, follow perimeter treatment directions under outdoor section of label. Pay particular attention to soffit and eave areas.

For treatment of a yellowjacket or wasp nest, liberally treat the entire nest; inside the nest for yellowjackets and the surrounding area. For treatment of nests inside wall voids, inject into the nest a sufficient quantity to treat the entire nest. More than one point of application may be required. Most applications should require no more than ½ gal of diluted material. Pay particular attention to what the water may contact such as electrical wiring. Do not use where there is a shock hazard.

THIS PRODUCT DOES NOT PROVIDE INSTANT KNOCKDOWN. The best time to treat is late in the day. The colony should be dead in 2 - 3 days. Depending on the situation, protective equipment for the applicator may be required (is advisable).

MOSQUITOES: Apply at the 0.5% rate. Apply directly to walls, ceilings, window screens, and other resting areas as a residual surface treatment. May be used inside residential buildings as well as in and around carports, garages, and storage sheds; also see **Outdoor Treatments**. Apply as a general structural perimeter spray to landscape plantings, turf, and building foundations to control mosquitoes. Yards or other frequented areas enclosed by landscaping can benefit from the creation of a mosquito barrier to reduce invading mosquitoes by the treatment of perimeter vegetation. Higher volumes applied result in better coverage and, as a rule, will improve control. Application to vegetation away from structures may require additional certification, e.g. in turf or ornamental categories. Consult your state regulatory agency for requirements.

WOOD DESTROYING INSECTS: Localized treatment of wood-infesting insects - Beetles and Borers (such as the following families): Anobiidae, Bostrichidae, Buprestidae, Cerambycidae, Lyctidae, Dedemeridae, Sesiidae) and Termites: Locate suspected infestation and/or insect tunnels and cavities. Drill pilot holes into insect tunnels, gallery and inaccessible closed voids. Drill holes 8 - 10" apart to ensure thorough coverage. Inject 5 - 10 sec/hole. Do not contact electrical wiring, plumbing, etc. Use the 1.0% rate.

TERMITES: To inhibit termite infestations, treat exposed tubing, cracks or cold joints in concrete or other structural interstices. Treat exposed surfaces to cover thoroughly, but avoid excess run-off. This type of application is intended to be a supplemental treatment for control of drywood and above ground subterranean termites and other wood-infesting insects. It is not intended to be a substitute for soil treatment or for extensive infestation of drywood or other wood-infesting insects. Use at the 1.0% rate of concentrate per gallon of water. To treat for severe infestations or for treatments under slabs, in basements and buildings with insufficient crawlspace, use a registered termiticide.

BROADCAST TREATMENT OF WOOD FOR THE CONTROL OF WOOD-INFESTING INSECTS AND NUISANCE PESTS OUTSIDE OF STRUCTURE: Apply a 0.5% emulsion with a fan spray using a maximum of 25 psi. Apply just to the point of runoff.

To control wood-infesting insects active inside trees, utility poles and/or fence posts, drill to find the interior infested cavity and inject a 0.5% emulsion. To control bees, wasps, hornets and yellowjackets, apply in late evening when insects are at rest. Aim spray at nest openings in ground, bushes and in cracks and crevices which may harbor nests, saturating nest openings and contacting as many insects as possible.

OUTDOOR TREATMENTS

KILLS: Ants, Boxelder Bugs, Carpenter Ants, Carpenter Bees, Carpet Beetles, Centipedes, Clover Mites, Cluster Flies, Cockroaches, Crickets, Dermestids, Earwigs, Elm Leaf Beetles, Fleas, Flies, Millipedes, Mosquitoes, Psocids, Scorpions, Silverfish, Sowbugs, Spiders and Ticks

This product can be used as a residual treatment on outdoor surfaces and/or as a crack, crevice and void treatment of buildings, porches, window frames, eaves, patios, garages, garbage dumps and other areas where pests congregate or enter premises. Repeat treatment as necessary to maintain effectiveness, but not more than twice per week. Treatments must be at least 3 days apart. Use the 0.5% rate.

This product can be used as a residual treatment to control pests in outdoor void areas such as meter boxes and manholes. Repeat treatment as necessary, but not more than twice per week. Treatments must be at least 3 days apart. Use the 0.5% rate.

MOSQUITO CONTROL OUTDOORS: To control adult mosquitoes, use handheld, back-pack or truck mounted sprayers only. Not for use with truck mounted cold aerosol ULV sprayers, hand-held cold aerosol ULV sprayers or thermal fogging devices. Do

10/12

not apply by aircraft. Do not apply through any kind of irrigation and/or lawn sprinkler systems. Use up to 150 gal of diluted spray per acre. Treat shrubbery, vegetation and other areas where mosquitoes may rest. Shrubby and vegetation around stagnant pools, marshy areas, ponds and shorelines may be treated if applied as a wet spray. Direct application of this product to any body of water is prohibited.

PEST CONTROL ON OUTSIDE SURFACES AND AROUND BUILDINGS

Apply using a 0.5% emulsion as a residual spray to outside surfaces of buildings including, but not limited to, exterior siding, foundation, porches, window frames, eaves, patios, garages, refuse dumps, lawn areas adjacent or around private homes, duplexes, townhouses, condominiums, house trailers, apartment complexes, carports, garages, fence lines, storage sheds, barns, other residential structures, commercial, industrial and institutional buildings, soil, trunks of woody ornamental and other areas where pests congregate or have been seen. Repeat treatment as necessary to maintain effectiveness.

PERIMETER TREATMENT: To help prevent infestations of buildings, treat a band of soil 5 - 10 ft wide around and adjacent to the building. Also treat the building foundation to a height of 2 - 3 ft where pests are active and may find entrance. Treat other insect entry points such as doors, windows, under siding and eaves of structure. May be applied in compressed air, backpack or power spray equipment. An application rate of 2 2/3 oz./1,000 ft² is desirable. Apply in a sufficient amount of water to adequately cover the area being treated, but avoiding dripping or run-off. Alternate directions are to use 10 - 20 oz of product per 50 gal of water.

DILUTION CHART

Tank Size (gallons)	Suggested Amount of TC 251 per tank
15	4 - 8 oz
25	7 - 14 oz
50	10 - 20 oz
100	20 - 40 oz

FLIES: Treat outside surfaces of screens, doors, window frames or wherever flies enter. Also treat surfaces on porches, in garages and other places where insects light or congregate. Repeat as necessary. Treat normal fly resting areas such as ceilings, upper corners of the area, around windows and doors, and other surfaces. Treat inside and outside surfaces of dumpsters and other trash holding containers. Treat trash storage areas. Treat so as to lightly moisten the target surface. For best results, begin treatments at the start of the fly season and repeat during periods of heavy fly activity. Treat no more than twice per week and at least 3 days apart.

CRAWLING INSECTS - including Ants, Cockroaches, Crickets, Earwigs, Sowbugs and Scorpions: For treatment of infestations of these insects in outdoor areas which are landscaped, planted, mulched or unmaintained. For ants, treat mounds and runways. Repeat application as infestation warrants and as reinfestation occurs. Apply to cracks and crevices 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 and pipes. Treatment of infested fences and tree holes is permitted.

FLEAS: Treat infested areas with the 0.5% rate.

FOAM APPLICATION USE DIRECTIONS: See instructions under Directions for Use.

PESTS UNDER SLABS: Infestations of Arthropods, such as ants, cockroaches and scorpions inhabiting the area under slabs may be controlled by drilling and injecting or horizontal rodding. Using a 0.5% - 1.0% emulsion, inject 1 gal/10 ft² or 2 gal/ 10 ft.

PEST CONTROL IN CRAWLSPACES: Broadcast product at 0.5% to all surfaces in crawlspace to control ants, fleas, roaches, scorpions or other arthropods. Product may also be applied under the structure through insecticidal delivery systems such as piping or flexible tubing mounted under the structure. This treatment is not intended as a substitute for termite control. Treat surfaces to point of runoff. Keep children and pets off surface until dry.

USE IN AND AROUND LIVESTOCK HOUSING

MAY BE USED IN AND ON OUTSIDE SURFACES OF BUILDINGS (Barns, Dairies, Feedlots, Livestock Houses, Poultry Houses, Swine Houses and Stables): Do not apply to lactating or food animals. Do not contaminate milk, food or drinking water. Remove all animals prior to making application to housing. Do not apply or allow insecticide to drift onto animals. Do not allow animals to enter treated areas until surfaces are dry.

HOUSE FLIES AND STABLE FLIES: For residential control of these pests on outdoor surfaces and in animal areas such as dog kennels, hog barns, horse barns, empty chicken houses, rabbit hutches, dairy areas, milk rooms, calf hutches, calving pens and parlors: Treat normal fly resting areas such as ceilings, screens, upper corners of the areas, around windows and doors, light fixtures and other surfaces known to attract flies. Apply as a coarse, wet spray. Using a 0.5% or 1.0% emulsion, apply at the rate

11/12

of 1 gal/1,000 ft.² of surface. For best results, initiate treatments at the beginning of the fly season and repeat during periods of heavy fly activity. Treat no more than twice per week and at least 3 days apart.

DARKLING BEETLES: Apply 2 2/3 to 5 1/3 oz of concentrate/1,000 ft.². Use adequate water to ensure distribution.

PERIMETER TREATMENT: For control of other pests and to help prevent infestations of buildings, treat a band of soil 6 – 10 ft wide around and adjacent to the building. Also treat the building foundation and sides where pests are active and may find entrance. Treat other insect entry points such as doors, windows, under siding and eaves of structure. Product may be applied in compressed air, backpack or power spray equipment. An application rate of 1.0 fl oz of product/1,000 ft.² is desirable. Apply in a sufficient amount of water to adequately cover the area being treated, but avoiding dripping or run-off.

HORTICULTURAL USE

KILLS: Ants, Aphids, Beetles, Caterpillars (Cabbage Worms, Rose Slugs, Hornworms), Cockroaches, Colorado Potato Beetles, Crickets, Cucumber Beetles, Flea Beetles, Firebrats, Flies, Fungus Gnats, Fungus Gnat Larvae, Gnats, Japanese Beetles, Leafhoppers, Leaf Miner, Mealybugs, Root Mealy Bugs, Root Weevils, Rose Aphids, Rose Chafer, Scale, Scorpions, Shore Flies, Spider Mites, Stink Bugs, Tarnished Plant Bugs, Thrips and Watermelon Beetles

FOR USE IN: Commercial Ornamental Greenhouses and Nurseries

FOR USE ON:

Bedding plants (including): impatiens, marigolds, petunias, geraniums, garden mums, verbena, New Guinea impatiens, and dahlia

Cut flowers (including): roses, chrysanthemums, carnations, snapdragons, and orchids

Flowering hanging baskets (including): fuchsia and lantana

Foliage (including): Boston fern, dracaena, ficus, schefflera and philodendron

Potted flowering plants (including): poinsettia, chrysanthemums, florist's azaleas, lilies, African violets, geraniums, hibiscus, begonias, gloxinia, cyclamen, cineraria, calceolaria and exacum

Trees & shrubs (including): azalea, barberry, cotoneaster, euonymus, ilex, ivy, juniper, oak, pine, rhododendron, roses, spiraea, spruce, virburnum and yew

Do not use on kalanchoes.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE). The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard. Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 24 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is: coveralls over short sleeved shirt and short pants; chemical resistant gloves made out of any waterproof material; chemical resistant footwear plus socks; and chemical resistant headgear for over-head exposure. Notify workers of the application by warning them orally and by posting warning signs at entrances to treated areas.

GENERAL USE DIRECTIONS

Heavy Infestation: Use 6 – 24 fl oz/100 gal of water. Spray upper and lower foliage surface of plants uniformly.

Preventative and Maintenance: Use 24 fl oz/100 gal of water. Spray upper and lower foliage surfaces of plants uniformly.

For Control of Fungus Gnat Larvae and Shore Fly Larvae: Apply at the rate of 24 fl oz/100 gal of water as a coarse, wet spray to all insect infested surfaces or where insects may breed. Apply with adequate water to wet soil surface thoroughly. Apply when soil is moist but not saturated. Complete coverage of insect infested area is essential for control.

DRENCHING DIRECTIONS

To control soil borne organisms such as (but not limited to) Root Mealy Bugs and Root Weevils: Mix at one of the above rates or 24 fl oz/100 gal of water depending on the organism to be controlled and the amount of finished spray used per pot. Apply approximately 24 fl oz/100 gal of water of finished spray per inch diameter of pot. Use higher rate for lower volumes and lower concentration if greater volumes of finished spray are used. Apply when soil is drier, but do not stress plant.

12/
12

PLANT SAFETY INFORMATION: This product has demonstrated excellent plant safety; however, all varieties of the plants listed have not been tested. When treating large numbers of plants of a single variety, treat a few plants and observe for phytotoxicity prior to full scale application.

Direct treatment to some open blooms may cause petal drop.

STORAGE AND DISPOSAL

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

STORAGE: Store in original container in secured dry storage area. Prevent cross-contamination with other pesticides or fertilizers. Do not store above 122°F for extended periods of time. Preferred storage is above 32°F. Storage below 32°F may result in solidification. If warmed to above 32°F product will return to original form. Freezing does not adversely affect this product. If container is damaged or spill occurs, use product immediately or dispose of product and damaged container as indicated below.

PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of on site in accordance with the label directions or at an approved waste disposal facility.

CONTAINER DISPOSAL (<2.5 gal.): Empty container by using the product in accordance with the label direction. Do not reuse container! Place empty container in trash or offer for recycling if available. If container is partly filled, contact your local solid waste agency for disposal instructions. **NEVER PLACE UNUSED PRODUCT DOWN ANY INDOOR OR OUTDOOR DRAIN.**

CONTAINER DISPOSAL (>2.5 gal.): Empty container by using the product in accordance with the label directions. Triple rinse (or equivalent). Then offer for recycling or reconditioning or puncture and dispose of in a sanitary landfill or incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

A Prescription Treatment® brand Insecticide from:
Whitmire Micro-Gen Research Laboratories, Inc.
3568 Tree Court Industrial Blvd.
St. Louis, MO 63122-6682
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