

499-528

01/07/2009

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

WASHINGTON, D.C. 20460

OFFICE OF
PREVENTION, PESTICIDES
AND TOXIC SUBSTANCES

JAN 7 2009

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

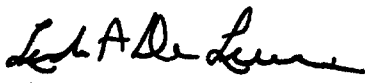
Dear Ms. Thomas:

Subject: Amendment- delete horticultural use directions and remove
Worker Protection language
TC 251B
EPA Registration Number 499-528
Your submission dated January 6, 2009

The application referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable, and a copy of a stamped label is enclosed for your records.

Please note that if at a later date you want to reinstate the horticultural use you must submit an amendment to the Agency requesting reinstatement.

Sincerely yours,


Richard Gebken
Product Manager (13)
Insecticide Branch
Registration Division (7505P)

Enclosure

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

[Alternate Brand Name: Prescription Treatment® brand Perma-Cap CS™ {added via Notification 5/1/08}
Descriptor: Controlled Release Permethrin]

KILLS:

Ants (foraging Carpenter, Fire and Harvester Ants; excluding Pharaoh ants), Bedbugs, Bees, Boxelder Bugs, Caddises, Carpenter Bees, Centipedes, Chocolate Moths, Cigarette Beetles, Clover Mites, Cluster Flies, Cockroaches, Crickets, Darkling Beetles, Dermestids, Drugstore Beetles, Earwigs, Elm Leaf Beetles, Firebrats, Fleas, Flies, Flour Beetles, Grain Weevils, Hide Beetles, 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 (excluding Black Widow and Brown Recluse), Springtails, Ticks, Warehouse Moths, Wasps, Webbing Clothes Moths, Wood Wasps, Wood-infesting Borers and Beetles

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:

Permethrin 23.0%

OTHER INGREDIENTS: 77.0%

TOTAL: 100.0%

EPA Reg. No. 499-528 • EPA Est. No. 499-MO-1

KEEP OUT OF REACH OF CHILDREN

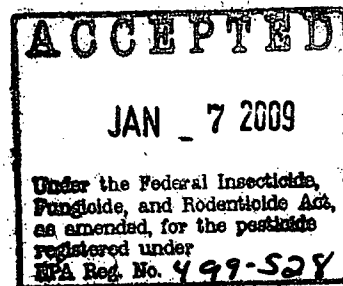
CAUTION

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

NET CONTENTS: _____



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



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.

Personal Protective Equipment (PPE): 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 product's concentrate. Do not reuse them. Follow manufacturer's instructions for cleaning/maintaining PPE. If no 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.

DIRECTIONS FOR USE

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

GENERAL INFORMATION

Kills pests on contact.

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.
- 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 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 thoroughly. Agitate sprayer occasionally during use to ensure even mixture. Shake or reagituate 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 kill 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 and 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[®] 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 (excluding Black Widow and Brown Recluse): 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. 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. Apply this product until the surface is wet, but not to the point of runoff.

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 (foraging Carpenter, Fire and Harvester ants; excluding Pharaoh 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 pests. Cleaning areas prior to using this product will enhance kill. 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 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, atriiums, 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.

BEES AND WASPS: As a preventative treatment to help prevent these insects from building nests or workers from congregating on structures, follow perimeter treatment directions under Outdoor Treatments section of label. Pay particular attention to soffit and eave areas. For treatment of nest 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. Apply this product until the surface is wet, but not to the point of runoff.

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 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 treat against 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 kill. 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): 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.

BROADCAST TREATMENT OF WOOD FOR USE AGAINST 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 treat against 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 treat against bees 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 (foraging Carpenter, Fire and Harvester ants; excluding Pharaoh ants), Boxelder Bugs, 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 (excluding Black Widow and Brown Recluse) and Ticks

Not for use in Outdoor Residential Misting Systems.

This product can be used as a 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 applied against 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.

MOSQUITOES: To treat against adult mosquitoes, use hand held, back-pack or truck mounted sprayers only. Not for use in wide area local, state or federal control programs. Not for use with truck mounted cold aerosol ULV sprayers, hand held cold aerosol ULV sprayers or thermal fogging devices. Do 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

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may rest. Shrubbery 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.

TREATMENT OF OUTSIDE SURFACES AND AROUND BUILDINGS

Apply using a 0.5% emulsion as a 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 ornamentals 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, back-pack or power spray equipment. An application rate of 2 2/3 fl 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 fl oz of product per 50 gal of water.

DILUTION CHART

Tank Size (gallons)	Suggested Amount of TC 251 per tank
15	4 – 8 fl oz
25	7 – 14 fl oz
50	10 – 20 fl oz
100	20 – 40 fl 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 (foraging Carpenter, Fire and Harvester ants; excluding Pharaoh 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 on page x.

PESTS UNDER SLABS: Infestations of arthropods, such as Ants (foraging Carpenter, Fire, and Harvester ants; excluding Pharaoh ants), Cockroaches and Scorpions inhabiting the area under slabs may be killed by drilling and injecting or horizontal rodding. Using a 0.5% – 1.0% emulsion, inject 1 gal/10 ft² or 2 gal/10 ft.

CRAWL SPACES: Broadcast product at 0.5% to all surfaces in crawl space to treat against Ants (foraging Carpenter, Fire, and Harvester ants; excluding Pharaoh 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 thoroughly but do not allow runoff to occur. 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, Stables and Swine Houses): 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 treatment 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 of 1 gal/1,000 ft² 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 – 5 1/3 fl oz concentrate/1,000 ft². Use adequate water to ensure distribution.

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PERIMETER TREATMENT: To treat against 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 product/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.

STORAGE AND DISPOSAL

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

PESTICIDE 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 or at an approved waste disposal facility.

CONTAINER DISPOSAL: Non-refillable container. Empty container by using the product according to the label directions. Do not reuse or refill this container! Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows:

[(≤2.5 gal) Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure 2 more times.]

[(>2.5 gal) Empty remaining contents into application equipment or a mix tank. Fill the container ¼ full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure 2 more times.]

Place empty, triple rinsed, container in trash or offer for recycling if available. If container is partly filled, call your local solid waste agency for disposal instructions. **NEVER PLACE UNUSED PRODUCT DOWN ANY INDOOR OR OUTDOOR DRAIN!**

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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