



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460

OFFICE OF  
PREVENTION, PESTICIDES AND  
TOXIC SUBSTANCES

Ms. Patricia A. Hodge  
Regulatory Specialist  
Whitmire Micro-Gen Research Laboratories, Inc.  
3568 Tree Court Industrial Blvd  
St. Louis, MO 63122

JUL 16 2008

Subject: Notification(s) for Label Revisions under PRN 98-10 and PRN 2007-4  
Alternate Brand Name: Prescription Treatment® band PermaCap CS™  
With Controlled Release Permethrin

Dear Ms. Hodge:

The Agency is in receipt of your Application(s) for Pesticide Notification under Pesticide Registration Notices (PRN) 98-10 and 2007-4 dated May 1, 2008 and June 15, 2008 for:

**EPA Registration 499-528**

**TC-251B**

The Registration Division (RD) has conducted a review of the request(s) for applicability under PRN 98-10 and PRN 2007-4 and finds that the label changes requested fall within the scope of PRN-98-10 and PRN-2007-4. The label has been date-stamped "Notification" and will be placed in our records.

Please be reminded that 40 CFR Part 156.140(a)(4) requires that a batch code, lot number, or other code identifying the batch of the pesticide distributed and sold be placed on nonrefillable containers. The code may appear either on the label (and can be added by non-notification/PR Notice 98-10) or durably marked on the container itself.

If you have any questions, please contact me directly at 703-305-6249 or Joyce Edwards of my staff at 703-308-5479

Sincerely,

A handwritten signature in black ink, appearing to read "Linda Arrington".

Linda Arrington  
Notifications & Minor Formulations Team Leader  
Registration Division (7505P)  
Office of Pesticide Programs

*EL submitted*

**Electronic Labeling Record**

**LABEL INFORMATION**

Record Id#: ELL002464

Attachment Name: 000499-00528.20080501.v1.2.FPL.pdf

Registration #: 000499-00528

Product: TC 251B

PC Code: 109701

RM Team: RM 13

Version: Initial

CD Enclosed?: Yes


Comments: v1

Application Correspondence:

Product Status: Active

Submission Date: 05/01/2008

Receipt Date:

Attachment:  000499-00528.20080501.v1.2.FPL.pdf

**SUBMISSION INFORMATION**

Status: Pending

Submission on BC: 829115

Action Code: 332

OPPIN Receipt Date: 05/02/2008

Action Comments: Label notifications for final printed label to revise storage and disposal statement - alternate brand name

Reviewer Comments:

User Reviews & Response Letters



Please read instructions on reverse before completing form.

Form Approved. OMB No. 2070-0060

<p>United States <b>Environmental Protection Agency</b> Washington, DC 20460</p>	<input type="checkbox"/> Registration <input type="checkbox"/> Amendment <input checked="" type="checkbox"/> Other	OPP Identifier Number
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**Application for Pesticide - Section I**

1. Company/Product Number 499-528	2. EPA Product Manager George LaRocca	3. Proposed Classification <input type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) TC-251B	PM# 10	
5. Name and Address of Applicant (Include ZIP Code) Whitmire Micro-Gen Research Laboratories, Inc. 3568 Tree Court Industrial Blvd. St. Louis, MO 63122  <input type="checkbox"/> Check if this is a new address		6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: <div style="text-align: center;"><b>NOTIFICATION</b></div> EPA Reg. No. _____ <div style="text-align: center; font-size: 1.2em;">JUL 16 2008</div> Product Name _____

**Section - II**

<input type="checkbox"/> Amendment - Explain below.  <input type="checkbox"/> Resubmission in response to Agency letter dated _____  <input checked="" type="checkbox"/> Notification - Explain below.	<input checked="" type="checkbox"/> Final printed labels in response to Agency letter dated <u>2/25/2008</u> <input type="checkbox"/> "Me Too" Application.  <input type="checkbox"/> Other - Explain below.
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**Explanation:** Use additional page(s) if necessary. (For section I and Section II.)

Submission of Final Printed Labeling with Notification to revise Storage and Disposal statement. Also Notification of Alternate Brand name.

**Section - III**

1. Material This Product Will Be Packaged In:			
Child-Resistant Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2. Type of Container <input type="checkbox"/> Metal <input checked="" type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____
* Certification must be submitted		If "Yes" Unit Packaging wgt.    No. per container	If "Yes" Package wgt    No. per container
3. Location of Net Contents Information <input checked="" type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container 1pt, 1 qt, 2 qt, 2.9375 qt (120 oz.)	
5. Location of Label Directions <input type="checkbox"/>		6. Manner in Which Label is Affixed to Product <input checked="" type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled <input type="checkbox"/> Other _____	

**Section - IV**

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)		
Name Patricia A Hodge	Title Regulatory Specialist	Telephone No. (Include Area Code) 636-861-4272
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.		6. Date Application Received  <b>(Stamped)</b>
2. Signature Patricia Hodge	3. Title Regulatory Specialist	
4. Typed Name Patricia A Hodge	5. Date 7/15/2008	



Please read instructions on reverse before completing form.

Form Approved. OMB No. 2070-0060

	United States	<input type="checkbox"/> Registration	OPP Identifier Number
	Environmental Protection Agency	<input type="checkbox"/> Amendment	
	Washington, DC 20460	<input checked="" type="checkbox"/> Other	

**Application for Pesticide - Section I**

1. Company/Product Number 499-528	2. EPA Product Manager George LaRocca	3. Proposed Classification <input type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) TC-251B	PM# 10	
5. Name and Address of Applicant (Include ZIP Code) Whitmire Micro-Gen Research Laboratories, Inc. 3568 Tree Court Industrial Blvd. St. Louis, MO 63122 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. <u>NOTIFICATION</u> Product Name <u>JUL 16 2008</u>	

**Section - II**

<input type="checkbox"/> Amendment - Explain below.	<input checked="" type="checkbox"/> Final printed labels in response to Agency letter dated <u>2/25/2008</u>
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

**Explanation:** Use additional page(s) if necessary. (For section I and Section II.)

Submission of Final Printed Labeling with Notification to revise Storage and Disposal statement. Also Notification of Alternate Brand name.

**Section - III**

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No		<input type="checkbox"/> Metal	<input type="checkbox"/> Plastic
				<input type="checkbox"/> Glass	<input type="checkbox"/> Paper
				<input type="checkbox"/> Other (Specify) _____	
* Certification must be submitted		If "Yes" Unit Packaging wgt.	No. per container	If "Yes" Package wgt	No. per container
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container		5. Location of Label Directions	
6. Manner in Which Label is Affixed to Product <input checked="" type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled			<input type="checkbox"/> Other _____		

**Section - IV**

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)					
Name Patricia A Hodge		Title Regulatory Specialist		Telephone No. (Include Area Code) 636-861-4272	
<b>Certification</b> I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.					6. Date Application Received  <b>(Stamped)</b>
2. Signature <i>Patricia A Hodge</i>			3. Title Regulatory Specialist		
4. Typed Name Patricia A Hodge			5. Date 5/1/2008		

# Certification with Respect to Label Integrity

version: 9/11/02

I certify that the information (including, but not limited to, text, tables, and graphics) contained in the electronic file identified below by file name and submitted with this certification is the same information as that on the paper copies of these documents included with this submission.

PROPOSED LABEL		
EPA Registration #	Date Submitted to EPA	Electronic file name
499-528	5-1-2008	000499-00528.20080501.v1.2.FPL.pdf

I certify that the statements that I have made on this form are true, accurate, and complete. I acknowledge that any knowingly false or misleading statements may be punishable by fine or imprisonment or both under applicable law.

Patricia Hodge  
 Signature

5-1-2008  
 Date

Patricia Hodge  
 Name (typed)

Regulatory Specialist  
 Title



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May 1, 2008

Document Processing Desk 7504P (e-sub)  
US EPA Office of Pesticide Programs  
2777 S Crystal Drive  
Arlington, VA 22202-4501

**RE: Submission of Final Printed Labeling per the NOPR dated 2/25/2008 and Notification to Revise the Storage & Disposal statements per PR Notices 2007-1 and 2007-4, and Notification of Alternate Brand Name per PR Notice 98-10  
TC 251B; EPA Reg. No. 499-528**

Dear Mr. LaRocca:

- Enclosed in support of this action is a completed application and two (2) copies final printed labeling per Agency comments with the NOPR dated 2/25/2008. One copy is submitted as an e-submission on a disk.
- We are also revising the Storage & Disposal statements, via Notification at this time as part of final printed labeling, per PR Notices 2007-1 and 2007-4.
- We are also adding the Alternate Brand Name of Prescription Treatment® brand PermaCap CS™ with a descriptor of "Controlled Release Permethrin".

This notification is consistent with the provisions of 2007-1, 2007-4 and 98-10, and EPA regulations at 40 CFR 152.46, and no other changes have been made to the labeling or the CSF of this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if this notification is not consistent with the terms of PR Notices 2007-1, 2007-4, and 98-10 along with 40 CFR 152.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.

Thank you for your assistance in this matter. Please don't hesitate to contact me at 636-861-4272 or, via electronic mail at [patricia.hodge@wmmg.com](mailto:patricia.hodge@wmmg.com), should you have any questions or require additional information regarding this action.

Sincerely,

WHITMIRE MICRO-GEN RESEARCH LABORATORIES, INC.

Patricia Hodge  
Regulatory Specialist

**NOTIFICATION**  
JUL 16 2008

Prescription Treatment® brand  
**TC 251B**

Controlled Release Permethrin

[ALTERNATE BRAND NAME: Prescription Treatment® brand PermaCap CS™ (added via Notification 64-28-08)  
DESCRIPTOR: Controlled Release Permethrin]

**ACTIVE INGREDIENT:**

Permethrin ..... 23.0%

**OTHER INGREDIENTS:** ..... 77.0%

TOTAL: 100.0%

**KEEP OUT OF REACH OF CHILDREN**  
**CAUTION**

[Alternate text: See inside booklet for insects & use sites, First Aid, Precautionary Statements, Directions for Use and Storage and Disposal.]

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

**NET CONTENTS:**



**WHITMIRE MICRO-GEN**  
RESEARCH LABORATORIES INC.  
3568 Tree Court Industrial Blvd.  
St. Louis, MO 63122-6682  
800-777-8570 • www.wmmg.com

18-xxxx-xx



090424-12

**KILLS:**

Ants (foraging Carpenter, Fire and Harvester ants; excluding Pharaoh ants), Bees, Boxelder Bugs, Caddisflies, 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, 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 (excluding Black Widow and Brown Recluse), Springtails, Ticks, Warehouse Moths, 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 use of this product in these sites.

**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

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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 MANNER INCONSISTENT WITH ITS LABELING.**

#### **GENERAL INFORMATION**

##### **Kills pests on contact.**

Apply this product only as specified on this label. This product is a flowable micro-encapsulated 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.

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### **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.

<b>SPRAY DILUTION CHART</b>		
<b>Amount of</b>	<b>Spray Concentrate</b>	
<b>Finished Spray</b>	<b>0.5% Spray</b>	<b>1.0% Spray</b>
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.

**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.

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### 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, 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.*

**BEES:** As a preventative 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 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 1/2 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 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 kill 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 kill 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 kill 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.

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### 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 kill 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 kill adult mosquitoes, use handheld, 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 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.

### USE ON 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 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 ft<sup>2</sup> 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 (gal)	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

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**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 5.

**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 ft<sup>2</sup> or 2 gal/10 ft.

**CRAWL SPACES:** Broadcast product at 0.5% to all surfaces in crawl space to kill 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, 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:** To kill 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 ft<sup>2</sup> 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<sup>2</sup>. Use adequate water to ensure distribution.

**PERIMETER TREATMENT:** To kill 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<sup>2</sup> is desirable. Apply in a sufficient amount of water to adequately cover the area being treated, but avoiding dripping or run-off.

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### HORTICULTURAL USE

**KILLS:** Ants (foraging Carpenter, Fire and Harvester ants; excluding Pharaoh 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 Miners, 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, viburnum and yew  
Do not use on kalanchoes.

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.

### AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard (WPS), 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 WPS.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 24 hr.

PPE required for early entry to treated areas that is permitted under the WPS 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.

### NON-AGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to uses of this product that are NOT within the scope of the WPS 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 into treated areas until the spray has dried.

Do not touch treated surface until dry.

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### 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.

**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 population reduction.

### DRENCHING DIRECTIONS

**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 killed 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.

**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.

**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 1/4 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 1/4 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

www.wmmg.com

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Prescription Treatment® brand

**TC 251B**

**Controlled Release Permethrin**

*[ALTERNATE BRAND NAME: Prescription Treatment® brand PermaCap CS™ (added via Notification 04/28/08)]*  
*DESCRIPTOR: Controlled Release Permethrin]*

**ACTIVE INGREDIENT:**

Permethrin ..... 23.0%

**OTHER INGREDIENTS:** ..... 77.0%

TOTAL: 100.0%

**KEEP OUT OF REACH OF CHILDREN**

**CAUTION**

*[Alternate text: See inside booklet for insects & use sites, First Aid, Precautionary Statements, Directions for Use and Storage and Disposal.]*

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

**NET CONTENTS:**



**WHITMIRE MICRO-GEN**  
RESEARCH LABORATORIES INC.  
3568 Tree Court Industrial Blvd.  
St. Louis, MO 63122-6682  
800-777-8570 • www.wmmg.com

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