

499-419

11/16/2005

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Please read instructions on reverse before completing form.

Form Approved. OMB No. 2070-0060

	United States <b>Environmental Protection Agency</b> Washington, DC 20460	<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**

<b>1. Company/Product Number</b> 499-419	<b>2. EPA Product Manager</b>  	<b>3. Proposed Classification</b> <input type="checkbox"/> None <input type="checkbox"/> Restricted
<b>4. Company/Product (Name)</b> Duration PT 275 MC Microencapsulated Dursban	<b>PM#</b>  	
<b>5. Name and Address of Applicant (Include ZIP Code)</b> Whitmire Micro-Gen Research Laboratories Inc. 3568 Tree Court Industrial Blvd. St. Louis, MO 63122-6682  <input type="checkbox"/> Check if this is a new address	<b>6. Expedited Review.</b> In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____  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 type="checkbox"/> Final printed labels in response to Agency letter dated _____ <input type="checkbox"/> "Me Too" Application. <input type="checkbox"/> Other - Explain below.
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**NOTIFICATION**  
NOV 16 2005

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

This notification is consistent with the provisions of PR Notice 98-10 ,2001-6 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 Notice 98-10 and 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.

**Section - III**

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

**Section - IV**

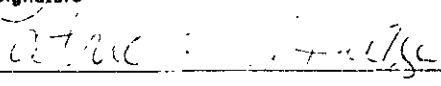
**1. Contact Point** (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)

<b>Name</b> Patricia A Hodge	<b>Title</b> Registration Specialist	<b>Telephone No. (Include Area Code)</b>  
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**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 (Stamped)**

<b>2. Signature</b> 	<b>3. Title</b> Registration Specialist	
<b>4. Typed Name</b> Patricia A Hodge	<b>5. Date</b> 10/17/05	

**RESTRICTED USE PESTICIDE**

For retail sale to and use only by Certified Applicators or persons under their direct supervision and only for those uses covered by the Certified Applicator's certification.

**DURATION®****PT® 275 MC Microencapsulated Dursban****Liquid Concentrate****Contains Dursban\* Insecticide**

**FOR USE IN AND AROUND:** Food and Non-Food Areas of Manufacturing, Industrial Plants and Food Processing Plants, Cargo Holds of Ships, Railroad Boxcars, Hog barns, Empty chicken houses, Rabbit hutches, Dairy areas, Milkrooms, Calf hutches and Calving pens and parlors.

**CONTROLS:** Angoumois Grain Moths, Aphids, Ants, Bees, Beetles, Boxelder Bugs, Cadelles, Carpet Beetles, Carpenter Ants, Carpenter Bees, Centipedes, Cigarette Beetles, Clover Mites, Cluster Flies, Cockroaches, Confused Flour Beetle, Crickets, Darkling Beetles, Dermestid Beetles, Dried Fruit Beetles, Drugstore Beetles, Earwigs, Elmleaf Beetles, Fire Ants, Firebrats, Flea Beetles, Fleas, Flies, Gnats, Grain Mites, Indian Meal Moths, Leafhoppers, Leaf Miner, Mealworms, Mediterranean Flour Moths, Millipedes, Moths, Northern Fowl Mites, Psocids, Red Flour Beetles, Saw-Toothed Grain Beetles, Scale, Scorpions, Silverfish, Sowbugs, Spiders, Stink Bugs, Termites, Trogloderma, Wasps, Weevils (Granary Weevils and Rice Weevils) and Yellowjackets.

\*Dursban is a registered trademark of DowElanco.

**ACTIVE INGREDIENTS:**

Chlorpyrifos

20.0%

**OTHER INGREDIENTS:**

80.0%

**EPA Reg. No. 499-419 EPA Est. No. 499-MO-1****KEEP OUT OF REACH OF CHILDREN****CAUTION****FIRST AID**

**IF SWALLOWED:** Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to do so. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

**IF ON SKIN OR CLOTHING:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

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

**IF INHALED:** Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.

Have the product container or label with you when calling a poison control center or doctor or going for treatment.

See page 4 for additional Precautionary Statements.

### DIRECTIONS FOR USE

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

**GENERAL INFORMATION:** Durction™ PT@ 275 MC is a flowable microencapsulated concentrate containing chlorpyrifos. Duration™ PT@ 275 MC may be sprayed 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.

Mixing Instructions: Thoroughly clean spray equipment before using this product. Shake concentrate well before diluting. When diluting, first add approximately one-half of the water to the spray tank and then add the proper amount of this product. Add the rest of the water and agitate the sprayer thoroughly. Agitate sprayer occasionally during use to ensure even coverage. Shake or reagitate sprayer if spraying is interrupted or if dilution is left in sprayer overnight. When emptying the bottle, triple rinse with water and add the rinsate to the spray tank. If spray screens are used, they should be 50 mesh or larger.

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.

#### INDOOR TREATMENTS

**FOR USE IN:** Food and Non-Food Areas of Manufacturing, Industrial, and Food Processing Plants; Warehouses; Ship Holds; Railroad Boxcars.

Spray Dilution Chart: Dilute DURATION™ PT@ 275 MC with water as specified below.

Amount of	0.25% Spray	0.5% Spray
Finished Spray		
1 gallon	1.5 fl. oz.	3 fl. oz.
3 gallons	4.5 fl. oz.	9 fl. oz.
5 gallons	7.5 fl. oz.	15 fl. oz.
10 gallons	15 fl. oz.	30 fl. oz.

The higher rate should be used for clean-outs, for longer residual control or for high insect infestations. Duration™ PT@ 275 MC should be used as a crack and crevice residual product where insects may be hiding, living and breeding and/or for selected spot treatment.

**CENTIPEDES, COCKROACHES, CRICKETS, DERMESTID BEETLES, EARWIGS, FIREBRATS, MILLIPEDES, PSOCIDS, SILVERFISH, SOWBUGS, SPIDERS:** Make spot treatment and/or crack and crevice injections into areas where insects are normally found for example cracks and crevices, void areas, moist areas, openings around pipes, sinks and under refrigerators. Repeat as necessary.

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

**CARPET BEETLES (DERMESTIDS):** Thoroughly apply the spray as a spot treatment along edges of carpet, under carpet edge (if necessary), under furniture and throw rugs. Use as a crack and crevice application in closets and other shelving where infested items are stored. Do not treat clothing with this product. Repeat application as necessary.

**FLEAS:** Thoroughly apply as a spot treatment in infested and egg laying areas in cracks and crevices and behind baseboards. Repeat application as necessary.

**FOR EXPOSED ADULT AND LARVAL STAGES OF GRAIN MITES, STORED PRODUCT BEETLES, GRAIN WEEVILS, AND STORED PRODUCT MOTHS:** Inject into cracks and crevices and/or voids where these insects may

be harboring. Infested areas include, but are not limited to, cracks and crevices in cabinets, pantries, wall voids and in machinery. Repeat treatment as necessary.

**ANTS:** Inject cracks, crevices and voids where ants may be traveling and/or harboring, around doors, window frames, and other structural cracks, crevices and voids. Spot treatment of trails and feeding areas may also be made.

**HIBERNATING STAGES OF BOXELDER BUGS, ELMLEAF 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. Repeat application as necessary. Treat wall area around entry points on exterior where insects congregate.

**CARPENTER ANTS:** Make spot and/or crack and 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.

**WOOD DESTROYING INSECTS :** Localized treatment of wood-infesting insects: Beetles and Borers (such as the following families: Anobiidae, Bostrichidae, Buprestidae, Cerambycidae, Lyctidae, Oedemeridae, Sesiidae), Termites and Wood Wasps: Locate suspected infestation and/or insect tunnels and cavities. Drill pilot holes into insect tunnels, gallery and inaccessible closed voids. Drill holes 8 to 10 inches apart to insure thorough coverage. Inject 5 to 10 seconds per hole. Do not contact electrical wiring, plumbing, etc. when drilling. Use the 0.5% or 1.0% rate. (For termite use, rate limited to 0.5%.)

## APPLICATIONS IN FOOD PROCESSING ESTABLISHMENTS

**FOR USE IN:** Food and Non-Food Areas of Manufacturing, Industrial and Food Processing Plants. Non-food areas include garbage rooms, lavatories, drains (to sewers), entries and vestibules, offices, locker rooms, machine rooms, boiler rooms, garages, mop closets, and storage (after canning or bottling). Application within food areas of food processing plants is limited to spot and/or crack and crevice treatments.

Treat where insects are found or normally occur. Application of a 0.25% solution is suitable for control of light pest infestations (i.e. maintenance applications). Application of a 0.5% solution provides residual control of heavy infestations (i.e. clean-out applications) and where extended residual control is desired. A period of 4 to 7 days is normally required to observe maximum effectiveness on insect populations; therefore, limit retreatments to no more often than once per every 7 days. Apply spray solutions in such a manner as to minimize spray drift to non-target surfaces. For spot treatments, an individual spot should not exceed 2 sq. ft.

## OUTDOOR BUILDING TREATMENTS

**FOR USE ON OUTSIDE SURFACES OF:** Manufacturing, Industrial, and Food Processing Plants; Warehouses.  
**PERIMETER SPRAY:** To help prevent infestations of buildings, treat a band of soil 6 to 10 feet wide around and adjacent to the building. Also treat the building foundation to a height of 2 to 3 feet and where pests are active and may find entrance. Treat other insect entry points around doors, windows, under siding and eaves of structure, under decks and on fences. This product may be applied in compressed air equipment or power spray equipment. Depending on type of equipment used to apply product and landscaping of perimeter, use 0.5 to 1.75 fl. oz. per 1,000 sq. ft. Alternate directions are to use 5 to 8.75 fl. oz. of product per 50 gallons of water applied at 10 gallons of dilution per 1000 sq. ft.

**ANTS, CRICKETS, COCKROACHES AND OTHER CRAWLING INSECTS:** For treatment of localized infestations of these insects in outdoor areas which are landscaped, planted, mulched or unmaintained, spray infested areas thoroughly. For ants, thoroughly wet hills and runways. Repeat applications as infestation warrants and as reinfestations occur.

**FLIES AND MOTHS:** Spray outside surfaces of screens, doors and window frames or wherever these insects enter. Also treat surfaces around light fixtures on porches, in garages, and other places where insects light or congregate. Treat normal fly resting areas on ceilings, upper corners of the area. Repeat as necessary. Spray inside and outside surfaces of dumpsters and other trash holding containers. Spray trash corrals and other trash storage areas. Spray so as to lightly moisten the target surface. For best results, begin treatments at the start of the fly season and repeat weekly during periods of heavy fly activity.

**HIBERNATING STAGES OF BOXELDER BUGS, ELMLEAF 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. Repeat application as necessary. Treat wall area around entry points on exterior where insects congregate.

**CARPENTER ANTS:** Make spot and/or crack and 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.

**FLEAS:** Use 1 to 1.75 fl. oz. of this product to treat 1000 sq. ft. Treat animal runs, shaded areas and other areas where fleas are likely to be found. This product may be tank mixed with approved insect growth regulators.

**BEES, WASPS AND YELLOW JACKETS:** 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 YELLOWJACKET OR WASP NESTS:** Liberally treat the wasp nest. Treat inside the nest for yellow jackets and the surrounding area. For treatment of nests inside wall voids inject into the nest sufficient quantity to treat the complete nest. More than one point of application may be required. Most applications should require no more than half a gallon 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. COLONY SHOULD BE DEAD IN 2-3 DAYS. DEPENDING ON THE SITUATION PROTECTIVE EQUIPMENT FOR THE APPLICATOR MAY BE REQUIRED.**

**CARPENTER BEES:** Locate entrance holes. Treat galleries through entrance holes. Seal bee entrances after application.

**WOOD DESTROYING INSECTS** - Localized treatment of wood-infesting insects: Beetles and Borers (such as the following families: Anobiidae, Bostrichidae, Buprestidae, Cerambycidae, Lyctidae, Oedemeridae, Sesiidae), Termites and Wood Wasps: Locate suspected infestation and/or insect tunnels and cavities. Drill pilot holes into insect tunnels, gallery and inaccessible closed voids. Drill holes 8 to 10 inches apart to insure thorough coverage. Inject 5 to 10 seconds per hole. Do not contact electrical wiring, plumbing, etc. when drilling. Use the 0.5% or 1.0% rate. (For termite use, rate limited to 0.5%.)

## OTHER OUTDOOR TREATMENTS

**TERMITES:** This treatment is intended for localized termite infestations only. For use outside structures only. This product cannot be used for spot and local treatments to existing structures after 12-31-02. Spot treatments are allowed only where there is clear evidence that reinfestation or barrier disruption has occurred. Spot treatments not to exceed 25% of the amount required to treat the entire structure at the label rate. Areas treated with 0.5% or less must be inspected annually for signs of reinfestation. To inhibit termite infestations treat exposed tubing, cracks or cold joints in concrete or other structural interstices. Treatment of exposed surfaces should be done to cover thoroughly but excess run-off should be avoided. 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 a 0.5% rate, 3 fl. oz. 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.

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 barrier. Treatment of filled porches, chimney bases, soil under slabs and treatment of wall voids are examples where foam applications may be useful.

**FIRE ANT MOUNDS:** For individual mounds apply this product as a mound drench at a rate of 1.0 fluid ounce per each 2 gallons of water. Satisfactory results can be expected by applying 2 gallons of dilution per mound. Adjust volume according to mound size, avoiding unnecessary runoff. Allow 7 to 10 days to achieve maximum effectiveness. This product has shown residual control of fire ants in excess of 30 days. If retreatment is necessary, limit applications to once per every 14 days.

## LIVESTOCK HOUSING

**FOR USE IN AND AROUND:** Livestock Housing and Holding Areas (such as Hog Barns, Empty Chicken Houses, Rabbit Hutches, Dairy Areas, Milkrooms, Calf Hutches, Calving Pens and Parlors).

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.

For residual control of house flies and stable flies on outdoor surfaces and in animal areas such as hog barns, empty chicken houses, rabbit hutches, dairy areas, milkrooms, calf hutches, calving pens and parlors: Treat normal fly resting areas such as ceilings, screens, upper corners of the area, around windows and doors, light fixtures and other surfaces known to attract flies. Apply as a coarse wet spray. Using a mixture of 2.0 to 5 fl. oz. of Duration™ PT@ 275 MC per gallon of water, apply at a rate of 1 gallon diluted product per 1,000 sq. ft. of surface. For best results initiate treatments at the beginning of the fly season and repeat during periods of heavy fly activity.

For control of other pests and to help prevent infestations of buildings, treat a band of soil 6 to 10 feet 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. Duration™ PT@ 275 MC may be applied in compressed air, backpack or power spray equipment. Depending on type of equipment used to apply product and landscaping of perimeter, use 0.5 to 1.75 ounces per 1,000 sq. ft. Alternate directions are to use 5 to 8.75 fl. oz. of product per 50 gallons of water applied at 10 gallons of dilution per 1000 sq. ft.

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#### STORAGE AND DISPOSAL

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

**STORAGE:** Store in original container only, preferably in a locked storage area. Do not store in a manner where cross contamination with other pesticides, fertilizer, food or feed could occur. If spilled during storage or handling, soak up spillage with absorbent material and dispose of in accordance with Pesticide Disposal instructions listed 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:** Empty container by using the product in accordance with the label directions. Do not reuse this container! Place empty container in trash or offer for recycling if available. If container is partly filled, call your local solid waste agency or call 1-800-CLEANUP for disposal instructions. NEVER PLACE UNUSED PRODUCT DOWN ANY INDOOR OR OUTDOOR DRAIN!

### PRECAUTIONARY STATEMENTS

#### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**CAUTION:** Harmful if swallowed, inhaled or absorbed through skin. Avoid breathing spray mist. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling.

Do not apply to humans, their clothing or bedding. Do not allow children or pets to contact treated surfaces until spray has dried. Do not contaminate food or use on household pets. Cover fish tanks prior to application.

Avoid contamination of food, feedstuffs, or water supply. Do not contaminate food preparation surfaces, kitchen utensils, dishes, or feed storage containers. All food contact surfaces and cooking utensils should be covered during treatment or thoroughly washed with an effective cleaning compound followed by a potable water rinse.

#### ENVIRONMENTAL HAZARDS

This pesticide is toxic to birds, fish and aquatic invertebrates. Birds feeding in treated areas may be killed. Clean up spilled product to reduce exposure to wildlife. Do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark. Runoff may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water when disposing of equipment washwaters.

This product is highly toxic to bees exposed to direct treatment or residues on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds if bees are visiting the treatment area.

#### PHYSICAL OR CHEMICAL HAZARDS

Do not spray where electrical short circuits might result, such as wall outlets, conduits, motors, switches, etc. Do not spray directly into any electronic equipment, such as radio, televisions, computers, telephones, etc.

**A Prescription Treatment® brand insecticide from:**

Whitmire Micro-Gen Research Laboratories, Inc.

3568 Tree Court Industrial Blvd.

St. Louis MO 63122-6682

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

© 2005 Whitmire Micro-Gen Research Laboratories, Inc.

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EPA Reg. No. 499-419 EPA Est. No. 499-MO-1

**KEEP OUT OF REACH OF CHILDREN****CAUTION****FIRST AID**

**IF SWALLOWED:** Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to do so. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

**IF ON SKIN OR CLOTHING:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

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

**IF INHALED:** Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.

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

**CARPET BEETLES (DERMESTIDS):** Thoroughly apply the spray as a spot treatment along edges of carpet, under carpet edge (if necessary), under furniture and throw rugs. Use as a crack and crevice application in closets and other shelving where infested items are stored. Do not treat clothing with this product. Repeat application as necessary.

**FLEAS:** Thoroughly apply as a spot treatment in infested and egg laying areas in cracks and crevices and behind baseboards. Repeat application as necessary.

**FOR EXPOSED ADULT AND LARVAL STAGES OF GRAIN MITES, STORED PRODUCT BEETLES, GRAIN WEEVILS, AND STORED PRODUCT MOTHS:** Inject into cracks and crevices and/or voids where these insects may

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be harboring. Infested areas include, but are not limited to, cracks and crevices in cabinets, pantries, wall voids and in machinery. Repeat treatment as necessary.

**ANTS:** Inject cracks, crevices and voids where ants may be traveling and/or harboring, around doors, window frames, and other structural cracks, crevices and voids. Spot treatment of trails and feeding areas may also be made.

**HIBERNATING STAGES OF BOXELDER BUGS, ELMLEAF 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. Repeat application as necessary. Treat wall area around entry points on exterior where insects congregate.

**CARPENTER ANTS:** Make spot and/or crack and 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.

**WOOD DESTROYING INSECTS :** Localized treatment of wood-infesting insects: Beetles and Borers (such as the following families: Anobiidae, Bostrichidae, Buprestidae, Cerambycidae, Lyctidae, Oedemeridae, Sesiidae), Termites and Wood Wasps: Locate suspected infestation and/or insect tunnels and cavities. Drill pilot holes into insect tunnels, gallery and inaccessible closed voids. Drill holes 8 to 10 inches apart to insure thorough coverage. Inject 5 to 10 seconds per hole. Do not contact electrical wiring, plumbing, etc. when drilling. Use the 0.5% or 1.0% rate. (For termite use, rate limited to 0.5%.)

## APPLICATIONS IN FOOD PROCESSING ESTABLISHMENTS

**FOR USE IN:** Food and Non-Food Areas of Manufacturing, Industrial and Food Processing Plants. Non-food areas include garbage rooms, lavatories, drains (to sewers), entries and vestibules, offices, locker rooms, machine rooms, boiler rooms, garages, mop closets, and storage (after canning or bottling). Application within food areas of food processing plants is limited to spot and/or crack and crevice treatments.

Treat where insects are found or normally occur. Application of a 0.25% solution is suitable for control of light pest infestations (i.e. maintenance applications). Application of a 0.5% solution provides residual control of heavy infestations (i.e. clean-out applications) and where extended residual control is desired. A period of 4 to 7 days is normally required to observe maximum effectiveness on insect populations; therefore, limit retreatments to no more often than once per every 7 days. Apply spray solutions in such a manner as to minimize spray drift to non-target surfaces. For spot treatments, an individual spot should not exceed 2 sq. ft.

## OUTDOOR BUILDING TREATMENTS

**FOR USE ON OUTSIDE SURFACES OF:** Manufacturing, Industrial, and Food Processing Plants; Warehouses.  
**PERIMETER SPRAY:** To help prevent infestations of buildings, treat a band of soil 6 to 10 feet wide around and adjacent to the building. Also treat the building foundation to a height of 2 to 3 feet and where pests are active and may find entrance. Treat other insect entry points around doors, windows, under siding and eaves of structure, under decks and on fences. This product may be applied in compressed air equipment or power spray equipment. Depending on type of equipment used to apply product and landscaping of perimeter, use 0.5 to 1.75 fl. oz. per 1,000 sq. ft. Alternate directions are to use 5 to 8.75 fl. oz. of product per 50 gallons of water applied at 10 gallons of dilution per 1000 sq. ft.

**ANTS, CRICKETS, COCKROACHES AND OTHER CRAWLING INSECTS:** For treatment of localized infestations of these insects in outdoor areas which are landscaped, planted, mulched or unmaintained, spray infested areas thoroughly. For ants, thoroughly wet hills and runways. Repeat applications as infestation warrants and as reinfestations occur.

**FLIES AND MOTHS:** Spray outside surfaces of screens, doors and window frames or wherever these insects enter. Also treat surfaces around light fixtures on porches, in garages, and other places where insects light or congregate. Treat normal fly resting areas on ceilings, upper corners of the area. Repeat as necessary. Spray inside and outside surfaces of dumpsters and other trash holding containers. Spray trash corrals and other trash storage areas. Spray so as to lightly moisten the target surface. For best results, begin treatments at the start of the fly season and repeat weekly during periods of heavy fly activity.

**HIBERNATING STAGES OF BOXELDER BUGS, ELMLEAF 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. Repeat application as necessary. Treat wall area around entry points on exterior where insects congregate.

**CARPENTER ANTS:** Make spot and/or crack and 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.

**FLEAS:** Use 1 to 1.75 fl. oz. of this product to treat 1000 sq. ft. Treat animal runs, shaded areas and other areas where fleas are likely to be found. This product may be tank mixed with approved insect growth regulators.

**BEEs, WASPS AND YELLOW JACKETS:** 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 YELLOWJACKET OR WASP NESTS:** Liberally treat the wasp nest. Treat inside the nest for yellow jackets and the surrounding area. For treatment of nests inside wall voids inject into the nest sufficient quantity to treat the complete nest. More than one point of application may be required. Most applications should require no more than half a gallon 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. COLONY SHOULD BE DEAD IN 2-3 DAYS. DEPENDING ON THE SITUATION PROTECTIVE EQUIPMENT FOR THE APPLICATOR MAY BE REQUIRED.**

**CARPENTER BEES:** Locate entrance holes. Treat galleries through entrance holes. Seal bee entrances after application.

**WOOD DESTROYING INSECTS -** Localized treatment of wood-infesting insects: Beetles and Borers (such as the following families: Anobiidae, Bostrichidae, Buprestidae, Cerambycidae, Lyctidae, Oedemeridae, Sesiidae), Termites and Wood Wasps: Locate suspected infestation and/or insect tunnels and cavities. Drill pilot holes into insect tunnels, gallery and inaccessible closed voids. Drill holes 8 to 10 inches apart to insure thorough coverage. Inject 5 to 10 seconds per hole. Do not contact electrical wiring, plumbing, etc. when drilling. Use the 0.5% or 1.0% rate. (For termite use, rate limited to 0.5%.)

## OTHER OUTDOOR TREATMENTS

**TERMITES:** This treatment is intended for localized termite infestations only. For use outside structures only. This product cannot be used for spot and local treatments to existing structures after 12-31-02. Spot treatments are allowed only where there is clear evidence that reinfestation or barrier disruption has occurred. Spot treatments not to exceed 25% of the amount required to treat the entire structure at the label rate. Areas treated with 0.5% or less must be inspected annually for signs of reinfestation. To inhibit termite infestations treat exposed tubing, cracks or cold joints in concrete or other structural interstices. Treatment of exposed surfaces should be done to cover thoroughly but excess run-off should be avoided. 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 a 0.5% rate, 3 fl. oz. 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.

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 barrier. Treatment of filled porches, chimney bases, soil under slabs and treatment of wall voids are examples where foam applications may be useful.

**FIRE ANT MOUNDS:** For individual mounds apply this product as a mound drench at a rate of 1.0 fluid ounce per each 2 gallons of water. Satisfactory results can be expected by applying 2 gallons of dilution per mound. Adjust volume according to mound size, avoiding unnecessary runoff. Allow 7 to 10 days to achieve maximum effectiveness. This product has shown residual control of fire ants in excess of 30 days. If retreatment is necessary, limit applications to once per every 14 days.

## LIVESTOCK HOUSING

**FOR USE IN AND AROUND:** Livestock Housing and Holding Areas (such as Hog Barns, Empty Chicken Houses, Rabbit Hutches, Dairy Areas, Milkrooms, Calf Hutches, Calving Pens and Parlors).

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.

For residual control of house flies and stable flies on outdoor surfaces and in animal areas such as hog barns, empty chicken houses, rabbit hutches, dairy areas, milkrooms, calf hutches, calving pens and parlors: Treat normal fly resting areas such as ceilings, screens, upper corners of the area, around windows and doors, light fixtures and other surfaces known to attract flies. Apply as a coarse wet spray. Using a mixture of 2.0 to 5 fl. oz. of Duration™ PT@ 275 MC per gallon of water, apply at a rate of 1 gallon diluted product per 1,000 sq. ft. of surface. For best results initiate treatments at the beginning of the fly season and repeat during periods of heavy fly activity.

For control of other pests and to help prevent infestations of buildings, treat a band of soil 6 to 10 feet 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. Duration™ PT@ 275 MC may be applied in compressed air, backpack or power spray equipment. Depending on type of equipment used to apply product and landscaping of perimeter, use 0.5 to 1.75 ounces per 1,000 sq. ft. Alternate directions are to use 5 to 8.75 fl. oz. of product per 50 gallons of water applied at 10 gallons of dilution per 1000 sq. ft.

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### STORAGE AND DISPOSAL

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

**STORAGE:** Store in original container only, preferably in a locked storage area. Do not store in a manner where cross contamination with other pesticides, fertilizer, food or feed could occur. If spilled during storage or handling, soak up spillage with absorbent material and dispose of in accordance with Pesticide Disposal instructions listed 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:** Empty container by using the product in accordance with the label directions. Do not reuse this container! Place empty container in trash or offer for recycling if available. If container is partly filled, call your local solid waste agency or call 1-800-CLEANUP for disposal instructions. NEVER PLACE UNUSED PRODUCT DOWN ANY INDOOR OR OUTDOOR DRAIN!

## PRECAUTIONARY STATEMENTS

### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**CAUTION:** Harmful if swallowed, inhaled or absorbed through skin. Avoid breathing spray mist. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling.

Do not apply to humans, their clothing or bedding. Do not allow children or pets to contact treated surfaces until spray has dried. Do not contaminate food or use on household pets. Cover fish tanks prior to application.

Avoid contamination of food, feedstuffs, or water supply. Do not contaminate food preparation surfaces, kitchen utensils, dishes, or feed storage containers. All food contact surfaces and cooking utensils should be covered during treatment or thoroughly washed with an effective cleaning compound followed by a potable water rinse.

### ENVIRONMENTAL HAZARDS

This pesticide is toxic to birds, fish and aquatic invertebrates. Birds feeding in treated areas may be killed. Clean up spilled product to reduce exposure to wildlife. Do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark. Runoff may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water when disposing of equipment washwaters.

This product is highly toxic to bees exposed to direct treatment or residues on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds if bees are visiting the treatment area.

### PHYSICAL OR CHEMICAL HAZARDS

Do not spray where electrical short circuits might result, such as wall outlets, conduits, motors, switches, etc. Do not spray directly into any electronic equipment, such as radio, televisions, computers, telephones, etc.

**A Prescription Treatment® brand insecticide from:**

Whitmire Micro-Gen Research Laboratories, Inc.

3568 Tree Court Industrial Blvd.

St. Louis MO 63122-6682

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

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NOTIFICATION

NOV 16 2005



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

Document Processing Desk (NOTIF)  
Office of Pesticide Programs(7504C)  
U.S. Environmental Protection Agency  
Room 266A, Crystal Mall #2  
1801 South Bell Street  
Arlington, VA 22202

October 14, 2005

**RE: NOTIFICATION per PR notice 98-10 and 2001-6 of Movement of Precautionary Statement and Modification of Storage and Disposal Statement  
Duration PT 275 MC Microencapsulated Dursban  
EPA Reg. No: 499-419**

Dear Sir or Madam:

Enclosed in support of above action is a completed application and two (2) copies revised labeling [one copy has been highlighted (new or revised text only) for easy reference] for the referenced product.

- ✓ Relocation of "Precautionary Statement" to its preferred location before "Hazards to Humans"
- ✓ Modification of Storage and Disposal Statement to conform with PR Notice 2001-6

This notification is consistent with the provisions of PR Notice 98-10 and EPA regulations at 40 CFR 156.10 and 40 CFR 152.46, and no other changes have been made to the labeling or the confidential statement of formula 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 83-1, 84-1, 98-10 and 2001-6 and the requirements of 40 CFR 156.10 and 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.

Also enclosed is a self-addressed, "No Postage Necessary" postcard that, when filled out, would indicate the status of this notification. Please take a moment to fill in the appropriate information and drop it in the mail for our records. Your assistance in this regard is certainly appreciated.

Thank you for your assistance in the review and approval process. 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.

Best Regards,

WHITMIRE MICRO-GEN RESEARCH LABORATORIES, INC

Patricia Hodge  
Whitmire Micro-Gen Research Laboratories, Inc.  
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