

499-367

11/16/2005

1/14

Please read instructions on reverse before completing form.

Form Approved. OMB No. 2070-0060



United States
Environmental Protection Agency
Washington, DC 20460

<input type="checkbox"/>	Registration
<input type="checkbox"/>	Amendment
<input checked="" type="checkbox"/>	Other

OPP Identifier Number

Application for Pesticide - Section I

1. Company/Product Number 499-367	2. EPA Product Manager	3. Proposed Classification <input type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Whitmire PT 275 Dur-O-Cap Microencapsulated Chlorpyrifos	PM#	
5. Name and Address of Applicant (Include ZIP Code) 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	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. _____ Product Name _____	

Section - II

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____	NOTIFICATION NOV 16 2005
<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.)

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

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
* Certification must be submitted		If "Yes" Unit Packaging wgt.	No. per container	If "Yes" Package wgt	No. per container	<input type="checkbox"/> Other (Specify) _____	
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container		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 Registration Specialist	Telephone No. (Include Area Code)
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)
2. Signature <i>Patricia A Hodge</i>	3. Title Registration Specialist	
4. Typed Name Patricia A Hodge	5. Date 10/17/05	

2/14

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.

**WHITMIRE PT 275
DUR-O-CAP
MICROENCAPSULATED CHLORPYRIFOS**

[ALTERNATE BRAND NAME(S): "Prescription Treatment brand DuraGuard ME Microencapsulated Insecticide", "Prescription Treatment brand DuraGuard ME Microencapsulated Chlorpyrifos"]

Liquid Concentrate

ACTIVE INGREDIENT:

Chlorpyrifos..... 20.0%

OTHER INGREDIENTS:..... 80.0%

TOTAL: 100.0%

KEEP OUT OF REACH OF CHILDREN

CAUTION

See complete label for additional Precautionary Statements.

EPA Reg. No. 499-367 • EPA Est. No. 499-MO-1

NET CONTENTS: 1 Quart

(Alternate text: 1 Gallon, 15 Gallons)



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

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.

**WHITMIRE PT 275
DUR-O-CAP
MICROENCAPSULATED CHLORPYRIFOS**

[ALTERNATE BRAND NAME(S): "Prescription Treatment brand DuraGuard ME Microencapsulated Insecticide", "Prescription Treatment brand DuraGuard ME Microencapsulated Chlorpyrifos"]

Liquid Concentrate

ACTIVE INGREDIENT:

Chlorpyrifos..... 20.0%

OTHER INGREDIENTS:..... 80.0%

TOTAL: 100.0%

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

FIRST AID

This product contains an organophosphate.

IF SWALLOWED: Call poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the 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 with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

IF IN EYES: Hold eye 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 eye. Call a poison control center or doctor 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 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. You may also contact 1-800-225-3320 for emergency medical treatment information.

See side panel for additional precautionary statements.

EPA Reg. No. 499-367 • EPA Est. No. 499-MO-1

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

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

PERSONAL PROTECTIVE EQUIPMENT

Some materials that are chemical-resistant to this product are Barrier laminate ≥14 mils, Butyl rubber ≥14 mils, nitrile rubber ≥14 mils, Neoprene rubber ≥14 mils, PVC ≥14 mils and viton ≥14 mils. For more information, follow instructions in Supplement Three of PR Notice 93-7. If you want more options, follow the instructions for category C on an EPA chemical-resistance category selection chart.

Mixers and loaders using a mechanical transfer loading system must wear: Long sleeved shirt and long pants; socks and shoes; chemical resistant gloves; chemical resistant apron; and a NIOSH

approved mist filtering respirator with MSHA/NIOSH approval number prefix TC-21C or a NIOSH-approved respirator any N, R, P, or HE filter.

All other mixers, loaders, applicators and handlers must wear: Coveralls over long-sleeved shirt and long pants; chemical-resistant gloves; chemical resistant apron when mixing or loading or exposed to the concentrate; chemical resistant footwear plus socks; chemical-resistant headgear for overhead exposures; and a NIOSH-approved mist filtering respirator with MSHA/NIOSH approval number prefix TC-21C or a NIOSH approved respirator any N, R, P, or HE filter.

User Safety Requirements: Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry. Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them.

USER SAFETY RECOMMENDATIONS

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENGINEERING CONTROLS

Mixers and loaders supporting aerial applications must use a mechanical transfer system that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d)(4)] for dermal protection, and must:

- wear the personal protective equipment required above for mixers/loaders,
- wear protective eyewear if the system operates under pressure, and
- be provided and have immediately available for use in an emergency, such as broken package, spill, or equipment breakdown: coveralls, chemical resistant footwear and chemical resistant headgear if overhead exposure.

Pilots must use an enclosed cockpit in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d)(6)].

Use of human flaggers is prohibited. Mechanical flagging equipment must be used.

When handlers use closed cab motorized ground application equipment in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d)(4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish, aquatic invertebrates, small mammals and birds. Do not apply directly to water or to areas where surface water is present or to intertidal areas below the mean high water mark. Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated area. Do not contaminate water when disposing of equipment wash water or rinsate. 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.

DIRECTIONS FOR USE

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

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.

GENERAL PRECAUTIONS AND RESTRICTIONS

Do not allow spray to drift from the application site and contact people, structures people occupy at any time and the associated property, parks and recreation areas, non-target crops, aquatic and wetland areas, woodlands, pastures, rangelands, or animals.

For ground boom applications, do not apply within 25 feet of rivers, natural ponds, lakes, streams, reservoirs, marshes, estuaries and commercial fish ponds. Apply with nozzle height no more than 4 feet above the ground or crop canopy and when wind speed is 10 mph or less at the application site as measured by an anemometer. Use coarse spray according to ASAE 572 definition for standard nozzles of VMD for spinning atomizer nozzles.

For orchard/vineyard airblast applications, do not apply within 50 feet of rivers, natural ponds, lakes, streams, reservoirs, marshes, estuaries and commercial fish ponds. Direct spray above trees/vines and turn off outward pointing nozzles at row ends and outer rows. Apply only when wind speed is 3-10 mph at the application site as measured by an anemometer outside of the orchard/vineyard on the upwind side.

For aerial applications, do not apply within 150 feet of rivers, natural ponds, lakes, streams, reservoirs, marshes, estuaries and commercial fish ponds. The boom width must not exceed 75% of the wingspan or 90% of the rotary blade. Use upwind swath displacement and apply only when wind speed is 3-10 mph as measured by an anemometer. Use coarse spray according to ASAE 572 definition for standard nozzles or VMD for spinning atomizer nozzles. If application includes a no-spray zone, do not release spray at a height greater than 10 feet above the ground or the crop canopy.

For overhead chemigation, do not apply within 25 feet of rivers, natural ponds, lakes, streams, reservoirs, marshes, estuaries and commercial fish ponds. Apply only when wind speed is 10 mph or less.

The applicator also must use all other measures necessary to control drift.

PT 275 Dur-O-Cap is a flowable microencapsulated concentrate containing chlorpyrifos. PT 275 Dur-O-Cap may be sprayed on surfaces 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 (ALL USES)

Thoroughly clean spray equipment before using PT 275 Dur-O-Cap. 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 PT 275 Dur-O-Cap. When emptying the bottle, rinse thoroughly 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 coverage. Shake or re-agitate 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.

HORTICULTURAL USE

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

FOR USE IN: Commercial Ornamental Greenhouses and Nurseries

FOR USE ON:

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

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

Flowering hanging baskets (including): fuchsia and lantana.

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

Potted flowering plants (including): poinsettia, chrysanthemums, florist's azaleas, lilies, African violets, geraniums, hibiscus, begonias, gloxinia, cyclamen, cineraria, calceolaria, and exacum. Trees & shrubs (including): azalea, barberry, cotoneaster, euonymus, ilex, ivy, juniper, oak, pine, rhododendron, roses, spiraea, spruce, virburnum, and yew.

DO NOT USE ON: kalanchoes.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE). The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

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

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

GENERAL USE DIRECTIONS

Heavy Infestation: Use 0.5 fl. oz. PT 275 Dur-O-Cap per gallon of water. Spray upper and lower foliage surface of plants uniformly.

Preventative and Maintenance: Use 0.25 fl. oz. PT 275 Dur-O-Cap per gallon of water. Spray upper and lower foliage surfaces of plants uniformly.

For Control of Fungus Gnat Larvae and Shore Fly Larvae: Apply at the rate of 0.25-0.50 fl. oz./gal. as a coarse spray to all insect infested surfaces and where insects may breed. Apply with adequate water to wet soil surface thoroughly. Apply when soil is moist but not saturated. Complete coverage of insect infested area is essential for control.

DRENCHING DIRECTIONS

For control of soil borne organisms such as, but not limited to, Root Mealy Bugs and Root Weevils: Mix at one of the above rates or at 0.125 fl. oz. per gallon depending on the organism to be controlled and the amount of finished spray used per pot. Apply approximately 0.5 to 2 fl. oz. 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.

PEST CONTROL OUTDOORS

Kills: Ants, Boxelder Bugs, Carpenter Ants, Clover Mites, Cluster Flies, Cockroaches, Crickets, Dermestids, Earwigs, Elmleaf Beetles, Fleas, Flies, Millipedes, Moths, Psocids, Silverfish, Sowbugs and Spiders.

FOR USE IN: Outside Areas of Industrial Plants and Warehouses.

NON-AGRICULTURAL USE REQUIREMENTS

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

Do not enter or allow others to enter until sprays have dried.

GENERAL USE DIRECTIONS

PT 275 Dur-O-Cap can be used as a residual spray and/or as a crack, crevice and void treatment on outdoor surfaces of industrial plant sites and warehouses. Treat areas such as window frames, eaves, patios, refuse dumps and other areas where pests congregate or enter premises. Repeat treatment as necessary to maintain effectiveness. Use the 0.25% or 0.50% rate.

Dilute PT 275 Dur-O-Cap with water using the spray dilution chart.

SPRAY DILUTION CHART

<u>Amount of Finished Spray</u>	<u>0.25% Spray</u>	<u>0.50% Spray</u>
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	15.0 fl. oz.	30 fl. oz.

The higher rate should be used for clean-outs, for longer residual control or for high insect infestations.

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. PT 275 Dur-O-Cap 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.

FLIES: Spray outside surfaces of screens, doors and window frames or wherever these insects enter. Also treat surfaces around light fixtures, in garages, and other places where insects light or congregate. Treat normal fly resting areas on ceilings, upper corners of the area. 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.

OUTDOOR ORNAMENTALS IN INDUSTRIAL PLANT SITES TO CONTROL ANTS, CRICKETS AND COCKROACHES: 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 infestations warrant and as reinfestations occur. Use 0.5 to 1.75 fl. oz. per 1,000 sq. ft.

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 spoiled 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!

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

© 2005 Whitmire Micro-Gen Research Laboratories, Inc.

8/14

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.

**WHITMIRE PT 275
DUR-O-CAP
MICROENCAPSULATED CHLORPYRIFOS**

[ALTERNATE BRAND NAME(S): "Prescription Treatment brand DuraGuard ME Microencapsulated Insecticide", "Prescription Treatment brand DuraGuard ME Microencapsulated Chlorpyrifos"]

Liquid Concentrate

ACTIVE INGREDIENT:

Chlorpyrifos..... 20.0%

OTHER INGREDIENTS:..... 80.0%

TOTAL: 100.0%

KEEP OUT OF REACH OF CHILDREN

CAUTION

See complete label for additional Precautionary Statements.

EPA Reg. No. 499-367 • EPA Est. No. 499-MO-1

NET CONTENTS: 1 Quart

(Alternate text: 1 Gallon, 15 Gallons)



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

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.

**WHITMIRE PT 275
DUR-O-CAP
MICROENCAPSULATED CHLORPYRIFOS**

[ALTERNATE BRAND NAME(S): "Prescription Treatment brand DuraGuard ME Microencapsulated Insecticide", "Prescription Treatment brand DuraGuard ME Microencapsulated Chlorpyrifos"]

Liquid Concentrate

ACTIVE INGREDIENT:

Chlorpyrifos..... 20.0%

OTHER INGREDIENTS:..... 80.0%

TOTAL: 100.0%

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

FIRST AID

This product contains an organophosphate.

IF SWALLOWED: Call poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the 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 with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

IF IN EYES: Hold eye 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 eye. Call a poison control center or doctor 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 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. You may also contact 1-800-225-3320 for emergency medical treatment information.

See side panel for additional precautionary statements.

EPA Reg. No. 499-367 • EPA Est. No. 499-MO-1

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

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

PERSONAL PROTECTIVE EQUIPMENT

Some materials that are chemical-resistant to this product are Barrier laminate ≥14 mils, Butyl rubber ≥14 mils, Nitrile rubber ≥14 mils, Neoprene rubber ≥14 mils, PVC ≥14 mils and viton ≥14 mils. For more information, follow instructions in Supplement Three of PR Notice 93-7. If you want more options, follow the instructions for category C on an EPA chemical-resistance category selection chart.

Mixers and loaders using a mechanical transfer loading system must wear: Long sleeved shirt and long pants; socks and shoes; chemical resistant gloves; chemical resistant apron; and a NIOSH

approved mist filtering respirator with MSHA/NIOSH approval number prefix TC-21C or a NIOSH-approved respirator any N, R, P, or HE filter.

All other mixers, loaders, applicators and handlers must wear: Coveralls over long-sleeved shirt and long pants; chemical-resistant gloves; chemical resistant apron when mixing or loading or exposed to the concentrate; chemical resistant footwear plus socks; chemical-resistant headgear for overhead exposures; and a NIOSH-approved mist filtering respirator with MSHA/NIOSH approval number prefix TC-21C or a NIOSH approved respirator any N, R, P, or HE filter.

User Safety Requirements: Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry. Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them.

USER SAFETY RECOMMENDATIONS

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENGINEERING CONTROLS

Mixers and loaders supporting aerial applications must use a mechanical transfer system that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d)(4)] for dermal protection, and must:

- wear the personal protective equipment required above for mixers/loaders,
- wear protective eyewear if the system operates under pressure, and
- be provided and have immediately available for use in an emergency, such as broken package, spill, or equipment breakdown: coveralls, chemical resistant footwear and chemical resistant headgear if overhead exposure.

Pilots must use an enclosed cockpit in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d)(6)].

Use of human flaggers is prohibited. Mechanical flagging equipment must be used.

When handlers use closed cab motorized ground application equipment in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d)(4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish, aquatic invertebrates, small mammals and birds. Do not apply directly to water or to areas where surface water is present or to intertidal areas below the mean high water mark. Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas. Do not contaminate water when disposing of equipment wash water or rinsate. 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.

DIRECTIONS FOR USE

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

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.

GENERAL PRECAUTIONS AND RESTRICTIONS

Do not allow spray to drift from the application site and contact people, structures people occupy at any time and the associated property, parks and recreation areas, non-target crops, aquatic and wetland areas, woodlands, pastures, rangelands, or animals.

For ground boom applications, do not apply within 25 feet of rivers, natural ponds, lakes, streams, reservoirs, marshes, estuaries and commercial fish ponds. Apply with nozzle height no more than 4 feet above the ground or crop canopy and when wind speed is 10 mph or less at the application site as measured by an anemometer. Use coarse spray according to ASAE 572 definition for standard nozzles of VMD for spinning atomizer nozzles.

For orchard/vineyard airblast applications, do not apply within 50 feet of rivers, natural ponds, lakes, streams, reservoirs, marshes, estuaries and commercial fish ponds. Direct spray above trees/vines and turn off outward pointing nozzles at row ends and outer rows. Apply only when wind speed is 3–10 mph at the application site as measured by an anemometer outside of the orchard/vineyard on the upwind side.

For aerial applications, do not apply within 150 feet of rivers, natural ponds, lakes, streams, reservoirs, marshes, estuaries and commercial fish ponds. The boom width must not exceed 75% of the wingspan or 90% of the rotary blade. Use upwind swath displacement and apply only when wind speed is 3–10 mph as measured by an anemometer. Use coarse spray according to ASAE 572 definition for standard nozzles or VMD for spinning atomizer nozzles. If application includes a no-spray zone, do not release spray at a height greater than 10 feet above the ground or the crop canopy.

For overhead chemigation, do not apply within 25 feet of rivers, natural ponds, lakes, streams, reservoirs, marshes, estuaries and commercial fish ponds. Apply only when wind speed is 10 mph or less.

The applicator also must use all other measures necessary to control drift.

PT 275 Dur-O-Cap is a flowable microencapsulated concentrate containing chlorpyrifos. PT 275 Dur-O-Cap may be sprayed on surfaces 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 (ALL USES)

Thoroughly clean spray equipment before using PT 275 Dur-O-Cap. Shake concentrate well before ailing. When diluting, first add approximately one-half of the water to the spray tank and then add the proper amount of PT 275 Dur-O-Cap. When emptying the bottle, rinse thoroughly 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 coverage. Shake or re-agitate 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.

HORTICULTURAL USE

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

FOR USE IN: Commercial Ornamental Greenhouses and Nurseries

FOR USE ON:

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

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

Flowering hanging baskets (including): fuchsia and lantana.

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

Potted flowering plants (including): poinsettia, chrysanthemums, florist's azaleas, lilies, African violets, geraniums, hibiscus, begonias, gloxinia, cyclamen, cineraria, calceolaria, and exacum. Trees & shrubs (including): azalea, barberry, cotoneaster, euonymus, ilex, ivy, juniper, oak, pine, rhododendron, roses, spiraea, spruce, virburnum, and yew.

DO NOT USE ON: kalanchoes.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE). The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

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

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

GENERAL USE DIRECTIONS

Heavy Infestation: Use 0.5 fl. oz. PT 275 Dur-O-Cap per gallon of water. Spray upper and lower foliage surface of plants uniformly.

Preventative and Maintenance: Use 0.25 fl. oz. PT 275 Dur-O-Cap per gallon of water. Spray upper and lower foliage surfaces of plants uniformly.

For Control of Fungus Gnat Larvae and Shore Fly Larvae: Apply at the rate of 0.25-0.50 fl. oz./gal. as a coarse spray to all insect infested surfaces or where insects may breed. Apply with adequate water to wet soil surface thoroughly. Apply when soil is moist but not saturated. Complete coverage of insect infested area is essential for control.

DRENCHING DIRECTIONS

For control of soil borne organisms such as, but not limited to, Root Mealy Bugs and Root Weevils: Mix at one of the above rates or at 0.125 fl. oz. per gallon depending on the organism to be controlled and the amount of finished spray used per pot. Apply approximately 0.5 to 2 fl. oz. 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.

PEST CONTROL OUTDOORS

Kills: Ants, Boxelder Bugs, Carpenter Ants, Clover Mites, Cluster Flies, Cockroaches, Crickets, Dermestids, Earwigs, Elmleaf Beetles, Fleas, Flies, Millipedes, Moths, Psocids, Silverfish, Sowbugs and Spiders.

FOR USE IN: Outside Areas of Industrial Plants and Warehouses.

NON-AGRICULTURAL USE REQUIREMENTS

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

Do not enter or allow others to enter until sprays have dried.

GENERAL USE DIRECTIONS

PT 275 Dur-O-Cap can be used as a residual spray and/or as a crack, crevice and void treatment on outdoor surfaces of industrial plant sites and warehouses. Treat areas such as window frames, eaves, patios, refuse dumps and other areas where pests congregate or enter premises. Repeat treatment as necessary to maintain effectiveness. Use the 0.25% or 0.50% rate.

Dilute PT 275 Dur-O-Cap with water using the spray dilution chart.

SPRAY DILUTION CHART

Amount of Finished Spray	0.25% Spray	0.50% 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	15.0 fl. oz.	30 fl. oz.

The higher rate should be used for clean-outs, for longer residual control or for high insect infestations.

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. PT 275 Dur-O-Cap 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.

FLIES: Spray outside surfaces of screens, doors and window frames or wherever these insects enter. Also treat surfaces around light fixtures, in garages, and other places where insects light or congregate. Treat normal fly resting areas on ceilings, upper corners of the area. 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.

OUTDOOR ORNAMENTALS IN INDUSTRIAL PLANT SITES TO CONTROL ANTS, CRICKETS AND COCKROACHES: 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 infestations warrant and as reinfestations occur. Use 0.5 to 1.75 fl. oz. per 1,000 sq. ft.

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!

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

© 2005 Whitmire Micro-Gen Research Laboratories, Inc.

14/14
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
Whitmire PT 275 Dur-O-Cap Microencapsulated Chlorpyrifos
EPA Reg. No: 499-367**

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, 2001-6 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, 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.
patricia.hodge@wmmg.com

encl.

3568 Tree Court Industrial Boulevard
St. Louis, MO 63122-6682
800-777-8570 • FAX 636-225-3739
www.wmmg.com