

499-367

02/06/2008

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U.S. ENVIRONMENTAL PROTECTION AGENCY

Office of Pesticide Programs
Registration Division (7505P)
Ariel Rios Building
1200 Pennsylvania Ave., NW
Washington, D.C. 20460

EPA Reg. Number:

499-367

Date of Issuance:

FEB 6 2008

NOTICE OF PESTICIDE:

Registration
[X] Reregistration
(under FIFRA, as amended)

Term of Issuance: Unconditional

Name of Pesticide Product:

Whitmire PT 275 Dur-O-Cap
Microencapsulated Chlorpyrifos

Name and Address of Registrant (include ZIP Code):

Whitmire Micro-Gen Research Laboratories
3568 Tree Court Industrial Blvd
St Louis, MO 63122-6682

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act. Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

Based on your response to the Reregistration Eligibility Decision, EPA has reregistered the product listed above. This action is taken under the authority of section 4(g)(2)(C) of the Federal Insecticide, Fungicide, and Rodenticide Act, as amended. Reregistration under this section does not eliminate the need for continual reassessment of pesticides. EPA may require submission of data at any time to maintain the registration of your product.

Generic data requirements that have been identified in the RED as confirmatory data for the active ingredient contained in the subject product will continue to be tracked and assessed in the Agency's continual reassessment of pesticides.

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, is acceptable with the following comments:

See page 2 for comments

You must submit one (1) copy of the final printed label before you release the product for shipment. Products shipped after 12 months from the date of this Notice or the next printing of the label whichever occurs first, must bear the new revised label. A stamped copy of the label is enclosed for your records. Should you have any questions, please contact Registration Review Manager, Dr. Akiva Abramovitch at 703-308-8328.

Signature of Approving Official:

Meredith F. Laws, Chief
Insecticide-Rodenticide Branch
Registration Division (7505P)

[Handwritten signature of Meredith F. Laws]

Date:

FEB 6 2008

- 1) All food uses listed on the label must be deleted since ingredients listed on the CSF dated January 4, 2008 for your formulation, are not approved for food use.
- 2) The Agency recommends adding the precautionary statement "Harmful if Swallowed" on this pesticide product.
- 3) Delete "For orchard/vineyard air blast application" under the Precautions and Restrictions bottom of page 3 since orchard and vineyard use is not listed on the label.
- 4) Delete the Engineering Control section since no aerial spraying is allowed. Delete the complete text starting with "For aerial application....." on page 4.
- 5) Horticultural Use title must be changed to "Commercial Ornamentals Greenhouses and Nurseries Production Only".
- 6) Delete scorpions from the list of pests under "Horticultural Use" since they are not supported by efficacy data.
- 7) Under "Ornamentals in Industrial Plant Site" add "not to exceed 1 lb ai/acre".
- 8) Delete the section for "Perimeter Spray" heading since no applications to outdoor structures are allowed by the Memorandum of Understanding of 2000 (MOA). Also, Industrial Plants and Warehouses need food use approval. Delete "around and adjacent to the building" and "around doors, windows, under-siding and eaves of structures"
- 9) Add "Commercial" to the title "Pest Control Outdoor".
- 10) Delete under the title Flies examples where the product can be used indoors where people including children may be visiting: screens, doors, window frames, light fixtures, ceiling, upper corners and in garages.
- 11) Delete "such as but not limited to" under the "Drenching Directions".
- 12) Delete "all other" from "All other mixers, loaders, applicators and handlers must wear.
- 13) Delete "General" from the title "General Use Restrictions" and "General Use Directions" since mandatory statements are listed beneath each section.
- 14) Pages should be numbered. Identical dates should be listed on each page
- 15) List a complete US address on the front page.

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 #1: "Prescription Treatment® brand DuraGuard® ME Microencapsulated Insecticide"
(added via Notification 12/19/96)]

[ALTERNATE BRAND NAME #2: "Prescription Treatment® brand DuraGuard® ME Microencapsulated Chlorpyrifos"
(added via Notification 7/29/04)]

Liquid Concentrate

ACTIVE INGREDIENT:

Chlorpyrifos..... 20.0%

OTHER INGREDIENTS:..... 80.0%

TOTAL: 100.0%

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

See inside booklet for First Aid, Precautionary Statements, Directions for Use and Storage and Disposal

**ACCEPTED
with COMMENTS
In EPA Letter Dated:
FEB 6 2008**

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

NET CONTENTS:

**Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under EPA Reg. No.
499-367**



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

RESTRICTED USE PESTICIDE

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FIRST AID

This product contains an organophosphate that inhibits cholinesterase.

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

NOTE TO PHYSICIAN: If symptoms of cholinesterase inhibition are present, atropine sulfate is antidotal. 2-PAM is also antidotal and may be administered in conjunction with atropine.

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

PRECAUTIONARY STATEMENTS**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

CAUTION: Harmful if absorbed through skin. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum or using tobacco.

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 the 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 with 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 with 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 thoroughly with soap and water before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing/PPE 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 PPE 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 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 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 ft of rivers, natural ponds, lakes, streams, reservoirs, marshes, estuaries and commercial fish ponds. Apply with nozzle height no more than 4 ft 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 ft 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 ft 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 ft above the ground or the crop canopy.

For overhead chemigation, do not apply within 25 ft 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 (except Carpenter, Fire, Harvester and Pharaoh), Aphids, Beetles, Caterpillars (Cabbage Worms, Rose Slugs, Hornworms), Colorado Potato Beetles, Crickets, Cucumber Beetles, Flea Beetles, Firebrats, 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 (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 hrs.

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 (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

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.

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.

DRENCHING DIRECTIONS

For 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/gal 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 (except Carpenter, Fire, Harvester and Pharaoh), Boxelder Bugs, Clover Mites, Crickets, Dermestids, Earwigs, Elm Leaf Beetles, Flies, Millipedes, Moths, Psocids, Silverfish, Sowbugs and Spiders (except Black Widow and Brown Recluse)

FOR USE: Outside Areas of Industrial Plants and Warehouses

GENERAL USE DIRECTIONS

PT 275 Dur-O-Cap can be used as a 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. Flies require a higher application rate. See the "Flies" section below for specific directions.

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 gal	1.5 fl oz	3 fl oz
3 gal	4.5 fl oz	9 fl oz
5 gal	7.5 fl oz	15 fl oz
10 gal	15.0 fl oz	30 fl oz

The higher rate should be used for clean-outs or for high insect infestations.

PERIMETER SPRAY: 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 to a height of 2 - 3 ft 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 - 1.75 fl oz/1,000 ft².

FLIES: Kills flies on contact. Flies must be directly contacted by spray to be effective. Use 5 - 8 fl oz/gal/1,000 ft². Spray where flies are seen and congregate (i.e. screens, doors, window frames, light fixtures, in garages, ceilings and upper corners of the area, inside and outside dumpsters and other trash holding containers, trash corrals and other trash storage areas).

OUTDOOR ORNAMENTALS IN INDUSTRIAL PLANT SITES TO KILL ANTS (except Carpenter, Fire, Harvester and Pharaoh) AND CRICKETS: 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 - 1.75 fl oz/1,000 ft².

STORAGE AND DISPOSAL

Nonrefillable container. 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 (1 gal): 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: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two 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!**

CONTAINER DISPOSAL (15 gal): 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: Empty remaining contents into application equipment or a mix tank. Fill the container ¼ full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other 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 two more times. Offer empty, triple rinsed container for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

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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