

APR 14 1994

Mr. Michael G. Sarli  
Whitmire Research Laboratories Incorporated  
3568 Tree Court Industrial Boulevard  
St. Louis, Missouri 63122-6620

Subject: Revised Labeling--Amended Plant List  
Whitmire PT 275 Dur-O-Cap Microencapsulated  
Chlorpyrifos Liquid Concentrate  
EPA Registration Number 499-367  
Your Application Dated March 9, 1994

Dear Mr. Sarli:

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, is acceptable provided that you make the labeling changes indicated below before you release the product for shipment bearing the amended labeling:

On the third page of the draft labeling, in the section HORTICULTURAL USE, in the lists beginning "FOR USE INDOORS AND OUTDOORS ON:" delete the words "...but not limited to..." from each list.

Submit five (5) copies of your final printed labeling before you release the product for shipment.

A stamped copy of the labeling is enclosed for your records.

Note that this acceptance of your label does not relieve you of your obligation to comply with the Worker Protection Standard. If any of your products are covered by this standard, you are required to submit, and receive the Agency's approval by April 21, 1994, a revised label reflecting the required label statements of 40 CFR 156, published in the FEDERAL REGISTER on August 21, 1992 (57 FR 38102). Further guidance will be issued.

According to 40 CFR 156, subpart K, "No product to which this subpart applies shall be distributed or sold without amended labeling by any registrant after April 21, 1994." Please call 1-800-777-2185 if you have any labeling questions regarding the Worker Protection Standard.

Sincerely yours,

DHE

Dennis H. Edwards, Jr.  
Product Manager (19)  
Insecticide-Rodenticide Branch  
Registration Division (7505C)

)  
Enclosure  
  
)

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4/29/93

ACCEPTED  
with COMMENTS  
in EPA Letter Dated

APR 14 1994

Whitmire  
PT\* 275  
Dur-O-Cap  
Microencapsulated Chlorpyrifos  
Liquid Concentrate

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

499-367

**KILLS:** Ants, Aphids, Beetles, Caterpillars (Cabbage Worms, Rose Slugs, Hornworms), Centipedes, Cockroaches, Colorado Potato Beetles, Crickets, Cucumber Beetles, Firebrats, Flea Beetles, Fleas, Flies, Fungus Gnats, Gnats, Japanese Beetles, Leafhoppers, Leaf Miner, Mealybugs, Moths, Rose Aphids, Rose Chafer, Scales, Scorpions, Spider Mites, Spiders, Stink Bugs, Tarnished Plant Bugs, Thrips, Ticks and Watermelon Beetles.

**FOR USE IN:** Greenhouses, Garden Centers, Interiorscapes, Florists, Landscapes, Nurseries, Hobby Greenhouses, Homes, Commercial Buildings and Warehouses.

**ACTIVE INGREDIENTS:**

Chlorpyrifos [0,0-Diethyl 0-(3,5,6,-Trichloro-2-Pyridyl)  
phosphorothiate] . . . . . 20.0%

**INERT INGREDIENTS.** . . . . . 80.0%

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

**KEEP OUT OF REACH OF CHILDREN  
CAUTION**

**STATEMENT OF PRACTICAL TREATMENT**

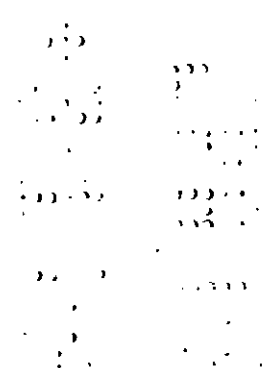
**IF SWALLOWED:** Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger or blunt object. Do not induce vomiting or give anything by mouth to an unconscious person.

**IF ON SKIN:** Wash skin with plenty of soap and water. Get medical attention.

**IF IN EYES:** Wash thoroughly with water for at least 15 minutes. Call a physician if symptoms occur.

See side panel for additional precautionary statements.

Net contents: 1 Gallon



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### DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

#### Mixing Instructions

Thoroughly clean spray equipment before using PT<sup>®</sup> 275 Dur-O-Cap<sup>™</sup>. 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<sup>®</sup> 275 Dur-O-Cap<sup>™</sup>. 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 reagitate 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

Florists, Garden Centers, Greenhouses, Hobby Greenhouses, Interiorscapes, Landscapes and Nurseries

**KILLS:** Ants, Aphids, Beetles, Caterpillars (Cabbage Worms, Rose Slugs, Hornworms), Centipedes, Cockroaches, Crickets, Cucumber Beetles, Flea Beetles, Flies, Fungus Gnats, Gnats, Japanese Beetles, Leafhoppers, Leaf Miner, Mealybugs, Rose Aphids, Rose Chafer, Scale, Scorpions, Spider Mites, Stink Bugs, Tarnished Plant Bugs and Thrips.

#### Mixing and Dilution Instructions:

Heavy Infestation: 0.5 fl. oz. Dur-O-Cap<sup>™</sup> per gallon of water

Preventative and Maintenance: 0.25 fl. oz. Dur-O-Cap<sup>™</sup> per gallon of water

Spray upper and lower foliage surfaces of plants uniformly.

**Special Notice:** 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, spray a few plants and observe for phytotoxicity prior to full scale application.



**FOR USE INDOORS AND OUTDOORS ON:**

**Bedding plants (including, but not limited to):** impatiens, marigolds, petunias, geraniums, garden mums, verbena, New Guinea impatiens, and dahlia.

**Cut flowers (including, but not limited to):** roses, chrysanthemums, carnations, snapdragons, and orchids.

**Flowering hanging baskets (including, but not limited to):** fuchsia and lantana.

**Foliage (such as):** Boston fern, dracaena, ficus, schefflera, and philodendron.

**Potted flowering plants (including, but not limited to):** poinsettia, chrysanthemums, florist's azaleas, lilies, African violets, geraniums, hibiscus, kalanchoes, begonias, gloxinia, cyclamen, cineraria, calceolaria, and exacum.

**Trees & shrubs (including, but not limited to):** azalea, barberry, cotoneaster, euonymus, holly, ivy, ilex, juniper, oak, pine, rhododendron, roses, spiraea, spruce, virburnum, and yew.

Direct spray to some open blooms may cause petal drop.

**PEST CONTROL OUTDOORS**

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

**General Information**

PT<sup>®</sup> 275 Dur-O-Cap<sup>™</sup> is a flowable microencapsulated concentrate containing chlorpyrifos. PT<sup>®</sup> 275 Dur-O-Cap<sup>™</sup> 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.

Dilute PT<sup>®</sup> 275 Dur-O-Cap<sup>™</sup> with water using the spray dilution chart.

**Spray Dilution Chart**

Amount of Finished Spray	0.25% Spray	0.5% 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.

PT® 275 Dur-O-Cap™ can be used as a residual spray on outdoor surfaces and/or as a crack, crevice and void treatment of buildings, porches, window frames, eaves, patios, garages, refuse dumps and other areas where pests congregate or enter premises. Repeat treatment as necessary to maintain effectiveness. Use the 0.25% or 0.5% rate.

PT® 275 Dur-O-Cap™ can be used as a residual spray to control pests in outdoor void areas such as meterboxes and manholes. Repeat treatment as necessary.

As a 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 1/2 to 4 ounces 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 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.

Ants, Crickets, 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 runway. Repeat applications as infestation warrant and as reinfestations occur.

**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:** Triple rinse container, then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

**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.

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 cleaned before using.

**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.

**CONDITIONS OF SALE AND WARRANTY**

**NOTICE OF WARRANTY:** The directions for use of this product reflects field use and tests. The directions are believed to be reliable and should be carefully followed. It is impossible to eliminate all risks inherently associated with the use of this product. Unintentional consequences such as crop injury or ineffectiveness may result because of environmental conditions, manner of use of application, insect resistance; all which are beyond the control of Whitmire or the seller. All such risks shall be assumed by the buyer.

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