

Reg # 499-330

PM-13

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

1665-470621



U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division (H7505C)
401 "M" St., S.W.
Washington, D.C. 20460

EPA Reg. Number:

499-330

Date of Issuance:

JUL 26 1994

NOTICE OF PESTICIDE:

- Registration
- Reregistration

(under FIFRA, as amended)

Term of Issuance:

Conditional

Name of Pesticide Product:

Whitmire TKO
Microencapsulated
Diazinon PT 265

Name and Address of Registrant (include ZIP Code):

Whitmire Research Laboratories Incorporated
3568 Tree Court Industrial Boulevard
Saint Louis, Missouri 63122-6620

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.

This product is conditionally registered in accordance with FIFRA sec. 3(c)(7)(A) provided that you:

1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of your product under FIFRA section 4.

2. Make the labeling changes listed below before you release the product for shipment:

a. Add the phase "EPA Registration No. 499-330

b. Under DIRECTIONS FOR USE change "Federal Law" to Federal law".

Signature of Approving Official:

Date:

EPA Form 8570-6

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CONCURRENCES

SYMBOL	H7505C						
SURNAME	LAH						
DATE	7/26/94						

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3. Submit three (3) copies of your final printed labeling before you release the product for shipment. Refer to the A-79 enclosure for a further description of final printed labeling.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

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

Enclosures

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7/25/94

3912

Whitmire
TKO™
Microencapsulated Diazinon
PT® 265

Residual
Crack and Crevice
and Spot Treatment System

For Outdoor Use on Ornamentals Around the Home Only

KILLS: Ants, Boxelder Bugs, Carpenter Ants, Carpenter Bees, Carpet Beetles, Centipedes, Clover Mites, Cluster Flies, Cockroaches, Crickets, Dermestids, Earwigs, Elmleaf Beetles, Firebrats, Fleas, Flies, Flour Beetles, Millipedes, Psocids, Silverfish, Sowbugs, Spiders and Brown Dog Ticks.

FOR USE IN, BUT NOT LIMITED TO: Apartments, food storage areas, homes, hospitals, hotels, interiorscapes, meat packing and food processing plants, motels, nursing homes, restaurants and other food handling establishments, schools, supermarkets, transportation equipment (boats, buses, planes, ships, trailers, trains, trucks) utilities and other commercial buildings.

For Commercial/Institutional Use Only

ACTIVE INGREDIENT:

Diazinon (0,0-Diethyl 0-(3,5,6-Trichloro-2-Pyridyl)
Phosphorothioate) 23.0%

INERT INGREDIENTS: 77.0%

EPA Reg. No. 499-330 EPA Est. No. 499-MO-1

Not for Use in USDA Meat and Poultry Plants

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: Remove contaminated clothing immediately and wash skin with soap and water. Get medical attention.

IF IN EYES: Flush eyes with plenty of water. Call a physician if symptoms occur.

See side panel for additional precautionary statements.

Net Contents:

ACCEPTED
with COMMENTS
in EPA Letter Dated

26 1994

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Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.
499-330

4912

Whitmire
TKO™
Microencapsulated Diazinon
PT® 265

DIRECTIONS FOR USE

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

Do not use this product in or on electrical equipment due to the possibility of shock hazard.

-General Information

TKO™ PT® 265 is a flowable microencapsulated concentrate containing 2.0 lb. of Diazinon per gallon. TKO™ PT® 265 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.

Do not apply water-based sprays of this product to conduits, motor housing, junction and switch boxes or other electrical equipment because of possible shock hazard.

Mixing Instructions

Thoroughly clean spray equipment before using TKO™ PT® 265. 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 TKO™ PT® 265. 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.

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INDOOR USE

Do not use this product indoors as an overall surface spray or as a space spray; take care not to introduce this product into the air during application. Use only in well-ventilated areas. Do not apply where children are likely to frequently contact treated surface. Remove or cover fish bowls and remove pets before application. Do not treat pets with this product. Do not allow children or pets in treated areas until spray has dried. Do not apply this product in any rooms occupied by patients, the elderly or infirm. Do not apply to classrooms when in use. In institutions (including but not limited to office buildings, museums, libraries, and sports facilities), do not apply this product when occupants are present in the immediate area. Do not apply directly to conduits, motor housings or electrical switch boxes. Do not apply to areas, surfaces or utensils which will contact food or feed. Exposed food should be covered or removed during application. All food processing surfaces and utensils should be covered during application or thoroughly washed with soap and water before use. If clothing is sprayed during application, remove clothing immediately after spraying, wash affected body areas with soap and water and launder clothing before wearing again.

Dilute TKO™ PT® 265 to 0.5% or 1.0% with water using the spray dilution chart.

Spray Dilution Chart

Amount of Finished Spray	0.10% Spray	0.20% Spray	0.5% Spray	1.0% Spray
1 gallon	0.5 fl. oz.	1.0 fl. oz.	2.5 fl. oz.	5.0 fl. oz.
3 gallons	1.5 fl. oz.	3.0 fl. oz.	7.5 fl. oz.	15.0 fl. oz.
5 gallons	2.5 fl. oz.	5.0 fl. oz.	12.5 fl. oz.	25.0 fl. oz.
10 gallons	5.0 fl. oz.	10.0 fl. oz.	25.0 fl. oz.	50.0 fl. oz.

* 1 Tablespoon = 0.5 fl. oz.

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

TKO™ PT® 265 should be used as a crack and crevice residual product where insects may be hiding, living and breeding and/or for selected spot application.

Indoor Use - Except Food and Feed Handling Establishments

Households, Apartments, and Non-Food Areas of Offices, Schools (except classrooms in use), Libraries, Hospitals (except patient rooms while occupied), Museums, and Sports Facilities.

(See "Food and Feed Handling establishments" for special directions when applying this product in food handling or serving areas in non-residential buildings.)

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Centipedes, Cockroaches, Crickets, Dermestids, Earwigs, Firebrats, Millipedes, Psocids, Silverfish, Sowbugs, Spiders: Make spot treatment and/or crack and crevice injections into hiding places such as cracks and crevices, void areas, moist areas, openings around pipes and sinks and under refrigerators. Repeat as necessary.

Flies: Make spot applications on surfaces where flies rest in the dark at night or frequent during the day, such as window frames, screens, trash cans, ceilings and upper wall surfaces.

Carpet Beetles (Dermestids): Thoroughly apply the spray as a spot treatment along edges of carpet, under carpet edge, furniture, beds, throw rugs and 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 and Brown Dog Ticks: Thoroughly apply the spray as a 1½ fine spray to pet beds and resting quarters, adjacent cracks and crevices, baseboards, carpets and floor coverings, between and under cushions of upholstered furniture, and other areas where these pests may be present. Entire carpets may be treated. Applications to most surfaces should be as light as possible, approximately 2 quarts finished spray per 800 square feet. It may be necessary to use a higher volume of spray, approximately 3 to 4 quarts per 800 square feet, on long, dense shag carpets. Old bedding of pets should be replaced with clean, fresh bedding after treatment. Animals should not be sprayed with this product.

Ants: Inject cracks, crevices and voids where ants may be traveling and/or harboring, including but not limited to, around doors, window frames, and other structural cracks, crevices and voids. Spot treatment of trails and feeding areas may also be made.

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 applications to any trails, around doors and windows, ceilings, wall voids, crawl spaces, and other places where ants enter premises. Where possible, treat ant nest or infested wood directly. Repeat application as necessary.

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Feed and Food Handling Establishments

Places other than private residences, in which food or feed is held, processed, prepared or served (includes restaurants, canneries, bakeries, and food processing plants. This product may be applied in the food/feed areas and the non-food/non-feed areas of these establishments. Apply either as a limited spot or crack and crevice treatment as directed below:

Food/Feed Areas of Food/Feed handling Establishments

Includes areas for receiving, serving, storage, (dry, cold, frozen or raw), packaging (canning, bottling, and grinding); enclosed processing systems (mills, dairies, and systems for processing edible oils and syrups).

APPLICATION OF THIS PRODUCT IN THE FOOD/FEED AREAS OF FOOD HANDLING ESTABLISHMENTS, OTHER THAN AS A CRACK AND CREVICE TREATMENT OR LIMITED SPOT TREATMENT IS NOT PERMITTED.

LIMITED SPOT TREATMENT

Limit Spot Treatment to floor surface where pests have been seen or where they are suspected of hiding. Limit the sum of individual spot treatment to an area no larger than 20 percent of the floor surface area. Any individual spot treatment must not exceed 2 square feet.

Do not apply to areas, surfaces, or utensils which will come in contact with food. Take extreme care to avoid contamination of food or food contact surfaces or introducing the material into the air.

CRACK AND CREVICE TREATMENT -

Apply spray in small amounts directly into cracks and crevices using equipment capable of delivering a pin stream of insecticide. Includes expansion joints, spaces between equipment and floors, and openings leading to voids and hollow spaces in walls, equipment legs and bases.

Do not use this product in conduits, motor housings, and electrical switch boxes.

NON-FOOD AREAS OF FEED/FOOD HANDLING ESTABLISHMENTS -

Includes garbage rooms, lavatories, floor drains (to sewers), entries and vestibules, offices, locker rooms, machine rooms, boiler rooms, mop closets and storage (after canning or bottling).

NON-FOOD AREAS - SPOT TREATMENT - As a spot treatment apply as a coarse low pressure fan spray to floor surface areas around water pipes, beneath cabinets, storage areas, and similar areas where cockroaches, ants, spiders, and silverfish hide.

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INTERIORSCAPES

Interiorscapes

For control of Fungus Gnat Larvae, Leafminers, Mealybugs, (Citrus, Stem and Root), and Scale Insects: Use 0.5 to 1.0 fl. oz. per gallon (0.1 to 0.2% spray).

For control of aphids, mites and thrips: Use 1.0 to 2.5 fl. oz. per gallon (0.2 to 0.5% spray).

Treat upper and lower foliage surfaces of plants uniformly. Treat when insects appear. Use higher rate for heavy insect infestations. Wet foliage thoroughly but avoid run-off. Repeat applications as necessary.

For Fungus Gnat Larvae control mix at 1/2 or 1 ounce per gallon of water. Treat each pot so the top inch of soil in the pot is moistened. Do not drench.

FOR USE INDOORS AND OUTDOORS ON, BUT NOT LIMITED TO: African Violets, Agapanthus, Ageratum, Aluminum Plant, Alyssum, Arrowhead, Aster, Azalea, Begonia, Bird's Nest Fern, Blue Spruce, Boston Fern, Bottlebrush, Cactus, Calendula, Camelia, Carnations, Celosia Jewel Box, Chrysanthemum, Cockscomb, Coleus, Cotoneaster, Crape Myrtle, Croton, Dahlia Daisy, Dianthus, Dogwood, Dracaena, Dusty Miller, Dwarf Lilac, Escallonia, Euonymus, Flat Topped Sedum, Floss Flower, Friendship Plant, Gardenia, Gazania, Geranium, Golddust, Honeysuckle, Hydrangea, Ilex, Impatiens, Ivy, Jade Plant (Crassula), Japanese Arelia, Juniper, Leucothoe, Lilac, Malus, Maranta, Marigold, Mock Orange, Mugho Pine, Nandina, Oleander, Orchid, Ornamental Evergreens, Osmanthus, Pachysandra, Periwinkle, Petunia, Pfitzer Juniper, Photinia, Pineapple Guava, Pittosporum, Podocarpus, Primrose, Privet, Pyracantha, Raphiolepis, Rhododendron, Rose, Salvia, Sansevieria, Scarlet Sage, Snake Plant, Snapdragon, Soft Maple, Spider Plant, Star Jasmine, Strawflower, Swedish Ivy, Sweet Pea, Tahitian Bridal Veil, Velvet Plant (Gynura), Verbena, Wandering Jew, Wax Plant, Zinnia

TKO™ PT® 265 has demonstrated excellent plant safety; however, all varieties of the plants listed above 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.

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LIVESTOCK HOUSING

For use in and around livestock housing for control of flies in barns and animal sleeping quarters (except dairy barns, milk rooms and poultry houses).

Apply a 1% TKO™ PT® 265 spray to ceilings and walls of livestock sheds, calf barns, hog barns, loading sheds, and other farm buildings except dairy barns, milkrooms and poultry houses. Areas where flies congregate, such as garbage dumps and corrals, should be sprayed thoroughly. Repeat applications as fly populations warrant.

Remove animals from buildings prior to treatment and keep animals out for at least 4 hours after treatment.

Do not contaminate milk, feed, drinking water, or apply to animals or poultry.

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 Brown Dog Ticks.

TKO™ PT® 265 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 0.5% or 1.0% rate.

TKO™ PT® 265 can be used as a residual spray to control pests in outdoor void areas. Repeat treatment as necessary.

OUTDOOR USE

Control of pests on outdoor surfaces and perimeters of buildings and on ornamental plants around the home only.

Do not use this product on outdoor ornamentals other than around the home. Wear long-sleeved shirt and long-legged pants when spraying. Spray with wind to your back. Do not spray on windy days. If clothing becomes wet from spray during use, remove clothing after spraying. Wash affected body areas thoroughly with soap and water and launder clothing before wearing again.

Perimeter Treatment

To help prevent infestations of buildings by the above pests, 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 where pests are active and may find entrance. TKO™ PT® 265 may be applied in compressed air equipment or power spray equipment. Apply as a coarse spray to thoroughly and uniformly wet the band area. A rate of 4 to 6 ounces of TKO™ PT® 265 per 1,000 square feet is desirable.

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Ornamental Plants

TKO™ PT® 265 may not control some organophosphate resistant ornamental plant pests.

Apply TKO™ PT® 265 to the ornamentals listed at a rate of 0.5 to 1.0 fl. oz. per gallon of water (0.1 or 0.2% spray).

Nuisance Pests Outside the Home

Apply a 0.5% to 1% TKO™ PT® 265 spray to exterior surfaces of buildings, porches, screens, window frames, eaves, patios, garages, and other areas where these pests congregate or enter premises.

Flies: Spray outside surfaces

of screens, doors, 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. Repeat as necessary. Treat normal fly resting areas such as ceilings, upper corners of the area, around windows and doors, light fixtures and other surfaces. 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 runways. Repeat applications as infestation warrant and as reinfestations occur.

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS (AND DOMESTIC ANIMALS)

CAUTION

Harmful if swallowed, inhaled or absorbed through skin. Causes moderate eye injury (irritation). Avoid contact with skin, eyes or clothing. Avoid breathing spray mist. Use only in well ventilated areas. Wash thoroughly with soap and water after handling. Keep out of reach of children. If clothing is sprayed during application, remove clothing immediately after spraying and launder before wearing again.

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.

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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.

Do not spray where electrical short circuits might result, such as wall outlets, conduits, etc.

ENVIRONMENTAL HAZARDS

This pesticide is highly toxic to birds, fish, and wildlife including waterfowl. Birds and waterfowl feeding or drinking on treated areas may be killed. Do not exceed maximum permitted label rates. Rates above those recommended significantly increase potential hazards to birds and waterfowl. Avoid overlapping of sprays. Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwaters. Shrimp and crab may be killed at application rates recommended on this label. Do not apply where fish, shrimp, crab, and other aquatic life are important resources.

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

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.

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LIMITATION OF LIABILITY

Manufacturer warrants that this product conforms to the chemical description on the label. Buyer assumes all risks of use in handling which are at variance in any way with the directions on the label. MANUFACTURER MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS OR MERCHANTABILITY OR ANY OTHER EXPRESS OR IMPLIED WARRANTY. IN NO CASE SHALL MANUFACTURER BE LIABLE FOR CONSEQUENTIAL, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT. DAMAGES CAUSED BY THIS PRODUCT ARE LIMITED TO REPLACEMENT OF THE PRODUCT OR RETURN OF THE PURCHASE PRICE.

A Prescription Treatment brand insecticide from:

Manufactured By:
Whitmire Research Laboratories, Inc.
3568 Tree Court Ind. Blvd.
St. Louis, Missouri 63122

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