

US ENVIRONMENTAL PROTECTION AGENCY OFFICE OF PESTICIDES PROGRAMS REGISTRATION DIVISION (TS-767) WASHINGTON, DC 20460  <b>NOTICE OF PESTICIDE:</b> <input type="checkbox"/> REGISTRATION <input type="checkbox"/> REREGISTRATION (Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended)	EPA REGISTRATION NO. 499-275	DATE OF ISSUANCE AUG 29 1988
	TERM OF ISSUANCE Until Reregistration	
	NAME OF PESTICIDE PRODUCT Whitmire PT 265A Knox-Out Plus II	

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

Whitmire Research Laboratories, Inc.  
 3568 Tree Court Industrial Boulevard  
 St. Louis, MO 63122

NOTE: Changes in labeling formula 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 U.S. 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.

A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.

Registration is in no way to be construed as an indorsement or approval of this product by this 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 section 3(c)(7)(A) provided that you:

1. Submit/cite all data required for registration/reregistration of your product under FIFRA section 3(c)(5) when the Agency requires all registrants of similar products to submit such data.
2. Make the labeling changes listed below before you release the product for shipment:
  - a. Add the phrase "EPA Registration No. 499-275."
  - b. Change "Pyrethrum" to "Pyrethrins" in the ingredients statement.
  - c. Change the Note to Physician to:

Note to Physician: Solvent may present aspiration hazard. Gastric lavage may be indicated if product was taken internally. Diazinon is an organophosphate insecticide. If symptoms of cholinesterase inhibition are present, atropine sulfate by injection is antidotal. 2-PAM is also antidotal and may be administered, but only in conjunction with atropine.

ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL *[Signature]*

DATE *8/29/88*

- d. Update the Environmental Hazards statement by changing ". . . disposal of wastes" to ". . . disposing of equipment washwaters."
- e. On the front panel, add the statement "Recommended for Commercial Use."
- f. Since you have identified meat packing and food processing plants on the label, you must either add the limitation "Not for Use in USDA Meat and Poultry Processing Plants" or obtain approval from USDA to use in such plants. If that is the case then the label should reflect USDA acceptance.
- g. Add the following precautions under the instructions for fleas and ticks:

Do not use broadcast application in nurseries or any area where infants may sleep. Humans and pets should avoid contact with treated surfaces (rugs, upholstered furniture, etc.), for 4 hours after treatment.

3. The acute toxicity data submitted was reviewed and assigned to the following categories:

<u>Type of Study</u>	<u>Classification</u>	<u>Toxicity Category</u>
Acute Oral LD50	Minimum	IV
Acute Dermal LD50	Minimum	IV
Eye Irritation	Guideline	IV
Skin Irritation	Guideline	IV
Dermal Sensitization	Guideline	Nonsensitizer

4. Submit the results of the storage stability study within 15 months from the date of this Registration Notice.

5. Submit five (5) 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.

George T. LaRocca  
 Product Manager (15)  
 Insecticide-Rodenticide Branch  
 Registration Division (TS-767C)

Enclosures

FRONT PANEL:

8/7/87

PT 265A KNOX-OUT PLUS II

MICROENCAPSULATED DIAZINON

KILLS: Cockroaches, Crickets, Silverfish, Ants, Firebrats, Fleas, Flies, Ticks, Weevils, Spiders, Beetles, Centipedes, Granary Weevils, Rice Weevils, Confused Flour Beetles, Red Flour Beetles, Saw-toothed Grain Beetles, Cigarette Beetles, Drugstore Beetles, Dermestid Beetles, Grain Mites, Dried Fruit Beetles, Cadelles, Mealworms, Trogaderma.

For use in, including but not limited to, bakeries, hospitals, supermarkets, motels, hotels, homes, transportation equipment (buses, boats, ships, trains, trucks, planes), utilities, meat packing and food processing plants, food storage areas, and restaurants and other food handling establishments, schools, warehouses, and other commercial buildings.

ACTIVE INGREDIENTS:

Diazinon, 0,0-Diethyl 0-(2-isopropyl-6-methyl-4-pyrimidinyl)	
phosphorothioate . . . . .	1.00%
Pyrethrum . . . . .	0.20%
Piperonyl Butoxide, Technical . . . . .	1.60%

INERT INGREDIENTS: . . . . . 97.20%

\*Knox-Out is Reg. TM Pennwalt Corp.  
\*\* DIAZINON is Reg. TM Ciba-Geigy Corporation

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

KEEP OUT OF REACH OF CHILDREN

CAUTION

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Call a physician or Poison Control Center immediately. Drink one or two glasses of water and induce vomiting by touching the back of the throat with finger. Repeat until vomit fluid is clear. Do not induce vomiting or give anything by mouth to an unconscious person.

IF ON SKIN: Remove contaminated clothing and wash affected areas with soap and water.

IF ON EYES: Flush eyes with plenty of water. Get medical attention immediately.

NOT 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.

See side panel for additional precautionary statements

NET WEIGHT: 16 oz.

ACCEPTED with COMMENTS in EPA Letter Dated

AUG 29 1987

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

499-275

SIDE PANEL:

PT 265A KNOX-OUT PLUS II  
MICROENCAPSULATED DIAZINON

DIRECTIONS FOR USE

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

**STORAGE & DISPOSAL:** Do not contaminate water, food, or feed by storage or disposal.

**STORAGE:** Store in a cool dry area away from heat or open flame and inaccessible to children.

**PESTICIDE DISPOSAL:** Wastes resulting from use of this product may be disposed of on site or at an approved waste disposal facility.

**CONTAINER DISPOSAL:** Replace cap and discard container in trash, sanitary landfill or by other approved state and local procedures. Do not incinerate or puncture.

SHAKE WELL BEFORE USING

HOW TO USE WHITMIRE CRACK &  
CREVICE INJECTION EQUIPMENT:

Do not use as an indoor space spray. See additional directions for outdoor use. Whitmire's PT 265A KNOX-OUT PLUS II is for use indoor, only with injection tube and for injection into cracks and crevices where insects may be hiding, living, and breeding. Place injector tip 1/2" into cracks, crevices, holes and other small openings where insects may be a problem. Release approx. 1 second spray per spot. In serious infestation, if possible, place spots approx. 12" apart. In light infestation or preventive treatment place spots approx. 3 ft. apart. In long running cracks, move the injector tip along the crack while spraying. Move at the rate of 1 linear foot per second in heavy infestations and 3 ft. per second in light infestations. See the additional directions below for effective control of specified insects.

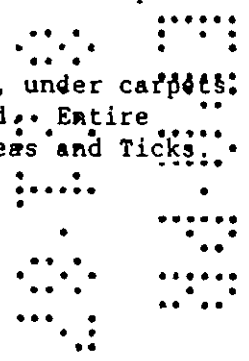
INDOOR PESTS

**CRAWLING INSECTS:** Cockroaches (waterbugs), crickets, firebrats, spiders. Spray into hiding places such as cracks and crevices, moist areas, openings around pipes and sinks, under refrigerators, behind baseboards, coffee makers, meter boxes, and manholes. Spray directly on insects in these locations where possible. Repeat as necessary.

**SILVERFISH:** Spray cracks and crevices in baseboards, door frames, bookcases, and storage areas. Spray directly on insects in these locations where possible. Repeat as necessary.

**ANTS:** Spray into trails, nests, and points of entry around doors, windows, structural cracks and crevices. Spray directly on insects in these locations where possible. Repeat as necessary.

**CARPET BEETLES:** Make spray applications on and under edge of floor coverings, under carpets and furniture and in closets or other localities where these insects are found. Entire carpets may be treated. When treating entire carpets see directions under Fleas and Ticks. Repeat application as necessary.



SIDE PANEL (CONT):

FLEAS AND TICKS: Apply 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 pests may be present. Entire carpets may be treated. Thoroughly vacuum infected area to capture as many adult fleas as possible. Tightly seal vacuum bag and dispose. Applications to most surfaces should be as light as possible, approximately one 16 oz. can per 330 sq. ft. It may be necessary to use a higher volume of spray, approximately one 16 oz. can per 200 sq. ft., 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.

STORED PRODUCT PESTS: Make spot and/or crack and crevice treatment to localized areas including shelves, cupboards, walls and floors where food products suspected of being infested are stored. Food should be removed or covered during treatment. This treatment is supplemental to good housekeeping, since it will have no effect on insects breeding within packaging. Infested food packaging should be destroyed.

Localized treatment of wood-destroying insects:

CARPENTER ANTS: Locate source of infestation. Inject 5-10 seconds spray into insect tunnels and cavities. Seal entrance openings with small pieces of stainless steel wool after spray application.

APPLICATIONS IN FOOD HANDLING ESTABLISHMENTS: Places other than private residences in which food is held, processed, prepared, or served.

FOOD AREAS - APPLICATION LIMITED TO CRACK AND CREVICE TREATMENT ONLY: Include areas for receiving, storage, packing (canning, bottling, wrapping, boxing), preparing, edible waste storage and enclosed processing systems (mills, dairies, edible oils, syrups). Servicing areas (when food is exposed and facility is in operation) also would be considered a food area.

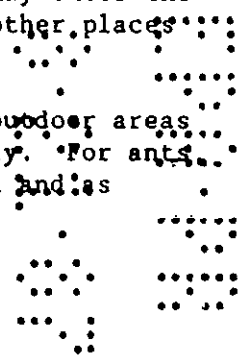
Apply in small amounts directly into cracks and crevices using injection tube in points between different elements of construction, between equipment and floors, openings leading to voids and hollow spaces in walls, equipment legs and bases where insects hide. Care should be taken to avoid depositing the product onto exposed surfaces or introducing the material into the air. Avoid contamination of food or food processing surfaces.

APPLICATIONS OF THIS PRODUCT IN THE FOOD AREAS OF FOOD-HANDLING ESTABLISHMENTS, OTHER THAN AS A CRACK AND CREVICE TREATMENT ARE NOT PERMITTED.

OUTDOOR PESTS

FLIES: For outdoor use only as an aid in reducing annoyance from these insects. Spray outside surfaces of screens, doors, window frames, or wherever these insects may enter the room. Also treat surfaces around light fixtures on porches, in garages, and other places where these insects alight or congregate. Repeat as necessary.

ANTS, CRICKETS: For treatment of localized infestations of these insects in outdoor areas where there are weeds or brushy non-crop areas, spray infested areas thoroughly. For ants, thoroughly wet hills and runways. Repeat applications as infestations warrant and as reinfestations occur.



SIDE PANEL (cont.)

PRECAUTIONARY STATEMENT  
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

May cause eye irritation. Harmful if swallowed or inhaled. May be absorbed through the skin. Avoid breathing of spray mist and provide adequate ventilation of area being treated. Avoid contact with skin, eyes, or clothing.

Wash thoroughly after using and before smoking or eating.

Avoid contamination of food, utensils, and food preparation areas.

Keep children and pets off treated areas until spray has dried.

ENVIRONMENTAL HAZARDS: This product is toxic to fish, birds, and other wildlife. Do not apply directly to water. Apply this product only as specified on the label. Do not contaminate water by disposal of wastes.

PHYSICAL OR CHEMICAL HAZARDS: Contents under pressure. Do not puncture or incinerate container. Do not use or store near heat or open flame. Exposure to temperatures above 130°F may cause bursting.

Do not spray directly into any electronic equipment such a radios, televisions, computers, etc.

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

Whitmire Research Labs, Inc.  
St. Louis, MO 63122

