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499-228

9/10/97

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SEP 10 1997

Ms. Kristin Sobocinski  
Whitmire-Micro-Gen Research Laboratories, Inc.  
3568 Tree Court Industrial Blvd.  
St. Louis, MO 63122-6682

Dear Ms. Sobocinski:

Subject: Amendment - Remove product from scope of  
Worker Protection Standard  
Whitmire PT 265A Knox Out  
EPA Registration Number 499-228  
Your submission dated August 20, 1997

The amendment referred to above, submitted in connection with registration under FIFRA section 3(c)(7)(a), is acceptable provided that you:

1. Submit and/or cite all data or other material required for registration/reregistration of your product under FIFRA section 3(c)(5) or FIFRA section 4 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 bearing the amended labeling:
  - a) In the front panel list of pests, delete the pests Aphids, Boxelder Bugs, Caterpillars, Centipedes, Firebrats, Fungus Gnat Larvae, Lacebugs, Leaf Miners, Mealybugs, Mexican Bean Beetle Larvae, Scale Insects, Southern Army Worm, Sowbugs, Spider Mites Thrips and Whiteflies since the sites and directions which included these pests are no longer on the label.
  - b) Specify the outdoor use sites on the front panel as follows:  
FOR USE OUTDOORS: Exterior building surfaces and on limited sites around the outside of homes only.
  - c) In the Statement of Practical Treatment, revise the end of the last sentence in the IF SWALLOWED advice to read "... or give anything by mouth to an unconscious or convulsing person."

- d) Revise the second sentence of the HOW TO USE WHITMIRE MICRO-GEN CRACK & CREVICE INJECTION EQUIPMENT to read "Whitmire's PT 265A Knox Out is for indoor use with the supplied injection tube. for injecting into cracks and crevices and with the injection tube removed for making spot applications indoors and outdoors as specified in the directions where insects may be hiding, living, and breeding."
- e) In the precautionary paragraph under the heading INDOOR USE, relocate "Do not apply to schools during school hours when building is occupied." to appear directly after "Do not apply this pesticide when classrooms are in use.". Also, add "For all other indoor applications," before "do not apply this pesticide in the immediate area when occupants are present."
- f) Directly above the directions for control of CRAWLING INSECTS add the centered heading **INDOOR SITES OTHER THAN FOOD AND FEED HANDLING ESTABLISHMENTS:**
- g) Revise the heading "FEED AND FOOD HANDLING ESTABLISHMENTS" to "FOOD AND FEED HANDLING ESTABLISHMENTS". Retain "Crack and Crevice and Spot Treatments" as the next line.
- h) Revise the definition of FOOD/FEED AREAS to read as follows: Includes areas for receiving, storing (dry, cold, frozen, raw), preparing (cleaning, slicing, cooking, grinding), serving (when food is exposed and facility is in operation), packaging (canning, bottling, wrapping, boxing), edible waste storage, and enclosed processing systems (mills, dairies, and systems for processing edible oils and syrups).
- i) Revise the heading SPOT TREATMENT - FOOD/FEED AREAS to read LIMITED SPOT TREATMENT - FOOD/FEED AREAS. Also, revise the second sentence to read "Limit the sum of individual spot treatments to an area no larger than 20 percent of the floor surface."
- j) Revise the prohibition to read: **APPLICATION OF THIS PRODUCT IN THE FOOD/FEED AREAS OF FOOD/FEED HANDLING ESTABLISHMENTS OTHER THAN AS A CRACK AND CREVICE OR LIMITED SPOT TREATMENT IS NOT PERMITTED.**
- k) In the definition of NON-FOOD AREAS, delete the site "floor drains (to sewers)" because of the potential for diazinon to harm certain aquatic organisms and contaminate sewage treatment plants.
- l) Revise the beginning of the directions for use in NON-FOOD AREAS - SPOT TREATMENT to read "Apply as a spot treatment along ...".

- m) Revise the beginning of the directions for use in NON-FOOD AREAS - SPOT TREATMENT to read "Apply as a spot treatment along ...".
- n) Under the heading OUTDOOR USE, add the following:  
 Make spot application to building surfaces as indicated below. Outdoor use other than on the surfaces of buildings is limited to use around homes only. Spray with the wind to your back. Do not apply to lawns or to other desirable plants including ornamentals. Do not apply to food crops such as fruits, nuts or vegetables. Do not allow children or pets to contact treated areas until spray has dried.
- o) Revise the first sentence of the outdoor Ants and Crickets directions to read as follows: Only for treatment of localized infestations of these insects in outdoor areas around the home where there are weeds or brushy non-crop areas, spray infested areas thoroughly.
- p) Delete the current NOTICE TO APPLICATORS (although you may retain a recommendation to use a respirator when subject to extended inhalation, provided the respirator recommendation is updated to recommend the type indicated under WPS). Delete the paragraph regarding application to plants, since they are no longer on the label.

3. Submit three (3) copies of your final printed labeling before you release the product for shipment.

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.

Sincerely,

George T. LaRocca  
 Product Manager 13  
 Insecticide/Rodenticide Branch  
 Registration Division (7505C)

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Whitmire  
PT® 265A KNOX OUT®  
MICROENCAPSULATED DIAZINON

SEP 10 1997

Recommended for Commercial Use Only

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

499-228

**KILLS:** Ants, Aphids, Boxelder Bugs, Carpenter Ants, Caterpillars, Centipedes, Cockroaches, Crickets, Firebrats, Fungus Gnat Larvae, Lacebugs, Leaf Miners, Mealybugs, Mexican Bean Beetle Larvae, Scale Insects, Silverfish, Southern Army Worm, Sowbugs, Spider Mites, Thrips and Whiteflies.

**For Use In:** Homes, Apartments, Stores, Hospitals and Nursing Homes (non-patient room areas), Manufacturing Plants, Warehouses, Schools, Supermarkets, Motels, Hotels, Restaurants and Other Food Handling Establishments, Hotels, Motels, Meat Packing and Food Processing Plants, Warehouses and Other Commercial Buildings, Transportation Equipment (busses, boats, ships, trains, trucks, planes†).

†Do not use in aircraft cabins.

Authorized by USDA for Use in Federally inspected meat and poultry plants.

**ACTIVE INGREDIENT:**

Diazinon [0,0-Diethyl 0-(2-isopropyl-6-methyl-4-pyrimidinyl) phosphorothioate] ..... 1.0%

**INERT INGREDIENTS:** ..... 99.0%

Knox-Out is Reg. TM Pennwalt Corp.

EPA Reg. No. 499-228 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. Get medical attention.

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

**IF INHALED:** Remove victim to fresh air and apply artificial respiration if indicated. Get medical attention.

**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.

See Side Panel for Additional Precautionary Statements

**NET WEIGHT: 1 lb. (16 oz.)**

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Whitmire  
PT® 265A Knox Out®  
MICROENCAPSULATED DIAZINON

### DIRECTIONS FOR USE

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

### SHAKE WELL BEFORE USE

### HOW TO USE WHITMIRE MICRO-GEN CRACK & CREVICE® INJECTION EQUIPMENT

Do not use as an indoor space spray. Whitmire's PT® 265A Knox Out® is for use indoor with injection tube only and for injecting into cracks and crevices and making spot treatments 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. To make spot treatment release product onto the surface. Do not exceed 2 sq. ft. for each spot treatment. See the additional directions below for effective control of specified insects.

### INDOOR USE

Spray infested surfaces until slightly moist, moving the spray stream rapidly to prevent excessive wetting of surfaces and waste of material. Do not use this product as an overall surface spray or a space spray. Do not introduce the spray into the air. Point spray away from people, plants, and pets. Do not spray food or food-contacting surfaces. Avoid excessive wetting of carpets, floor coverings or unfinished materials because damage may occur. Care should be taken to avoid spotting of walls, wall coverings, and fabrics. Do not apply to areas, surfaces or utensils which will contact food or feed. Exposed food should be covered or removed during application. All processing surfaces and utensils should be covered during application or thoroughly washed with soap and water before use. Do not apply this pesticide in patient rooms or in any rooms occupied by the elderly or infirm. Do not apply this pesticide when classrooms are in use. Do not apply this pesticide in the immediate area when occupants are present. Use only in a well-ventilated area. Do not apply to schools during school hours when building is occupied.

**CRAWLING INSECTS:** Cockroaches (waterbugs), crickets 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.

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**LOCALIZED TREATMENT OF WOOD DESTROYING INSECTS - CARPENTER ANTS:** Locate source of infestation. Inject 5-10 seconds spray into insect tunnels and cavities.

### **FEED AND FOOD HANDLING ESTABLISHMENTS** **Crack and Crevice® and Spot Treatments**

**FOOD AND FEED ESTABLISHMENTS** - Places other than private residences, in which food is held, processed, prepared and/or served: Apply Whitmire PT® 265A as either a spot or crack and crevice® treatment as directed below.

#### **FOOD/FEED AREAS:**

Includes receiving, serving, storage (Dry, Cold Frozen, Raw), packaging (cleaning, slicing, cooking, grinding), edible waste storage, enclosed processing systems (mills, dairies, edible oils, syrups).

**SPOT TREATMENT - FOOD/FEED AREAS:** Limit spot treatments to floor surfaces when pests have been seen or where they are suspected of hiding. Limit individual spot treatments in food/feed areas to an area no larger than 20 percent of the floor. Any individual spot treatment shall not exceed 2 sq. 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 Whitmire PT® 265A in small amounts directly into cracks and crevices using supplied injection tube. 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.

**APPLICATION OF THIS PRODUCT IN THE FOOD/FEED AREAS OF FOOD/FEED HANDLING ESTABLISHMENTS, OTHER THAN AS A CRACK AND CREVICE® (AND SPOT) TREATMENT ARE NOT PERMITTED.**

#### **NON-FOOD AREAS:**

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:** Apply as a spot treatment along baseboards, to areas around water pipes, beneath cabinets, to surfaces behind and beneath sinks, lockers and pallets; and to storage areas where cockroaches, ants, silverfish and spiders hide.

### **OUTDOOR USE**

**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 around the home only, 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.

### **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

### PRECAUTIONARY STATEMENT HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**CAUTION:** Harmful if swallowed, inhaled, or absorbed through skin. Causes moderate eye irritation. Avoid contact with eyes, skin, or clothing. Avoid breathing spray mist. Wash thoroughly with soap and water after handling and before smoking. May cause contact sensitization following repeated contact with skin in susceptible individuals. Avoid repeated contact with skin. If sensitization reactions result, contact a physician. 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. Do not use on household pets or humans. Remove pets from area and cover fish bowls (tanks) before spraying. Do not allow children or pets in treated areas until surfaces have dried. Wash thoroughly after using and before smoking or eating.

**ENVIRONMENTAL HAZARDS:** This pesticide is highly toxic to birds, fish, and other wildlife. Birds, especially waterfowl, feeding or drinking on treated areas may be killed. Keep out of lakes, streams, ponds, tidal marshes, and estuaries. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water by disposal. This pesticide is highly toxic to bees exposed to direct treatment or residues on blooming plants where they feed. Do not allow this pesticide to drift to blooming plants if bees are visiting the treatment area. Do not apply this product to, or allow it to drift to, food crops or any desirable vegetation at any time.

**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 store below 32 F. Do not spray on plastic, painted or varnished surfaces or directly into any electronic equipment such as radios, televisions, computers, etc. Do not spray where electrical short circuits might result, such as in wall outlets, conduits, motor, switches, etc.

**NOTICE TO APPLICATOR:** When spraying large greenhouse ranges or when subject to extended inhalation exposure wear a pesticide respirator jointly approved by The Mining Enforcement and Health Administration and by the National Institute for Occupational Safety and Health under the provision of 30 CFR Part 11.

This product has been tested on a wide variety of plants and in our opinion has demonstrated excellent plant safety. However, not all varieties or strains of the plants listed have been tested. Unintentional consequences such as crop injury or ineffectiveness may result because of certain environmental or growing conditions, manner of use or application, and insect resistance. Therefore, before treating a large number of plants, spray a few plants and observe for plant damage and for performance prior to full scale application. All risks shall be assumed by the user.

### LIMITATION OF LIABILITY

Use only as directed. Buyer assumes all risks in using or handling this product in any way. WHITMIRE EXPRESSLY DISCLAIMS ALL IMPLIED WARRANTIES OF FITNESS FOR A PARTICULAR PURPOSE AND MERCHANTABILITY. IN NO CASE SHALL WHITMIRE BE LIABLE FOR CONSEQUENTIAL, SPECIAL, INCIDENTAL OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF

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THIS PRODUCT DAMAGES FROM THE USE OF THIS PRODUCT ARE EXPRESSLY LIMITED TO REPLACEMENT OF THE PRODUCT OR REFUND OF THE PURCHASE PRICE

A Prescription Treatment® brand insecticide from.  
Whitmire Micro-Gen Research Laboratories, Inc  
3568 Tree Court Ind. Blvd  
St. Louis, Missouri 63122  
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