



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

EPA Reg. Number:
499-401

Date of Issuance:
AUGUST 14, 1997

NOTICE OF PESTICIDE:
 Registration
 Reregistration

Term of Issuance:
Conditional

Name of Pesticide Product:
WHITMIRE PT 564 XLO
CONTACT INSECTICIDE

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):
WHITMIRE MICRO-GEN
Research Laboratories, Inc.
3568 Tree Court Industrial Boulevard
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.

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 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 following label changes:

a. Revise the EPA Registration Number to read, "EPA Reg. No. 499-401."

3. Submit three (3) copies of the revised final printed label for the record.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 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.

Signature of Approving Official:
George T. LaRocca
George T. LaRocca, Product Manager (13)

Date:
AUGUST 14, 1997

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7/17/97

Whitmire

PT® 564 XLO

Contact Insecticide

For Pest Control Operator and Commercial Use Only

KILLS: Angoumois Grain Moths, Ants, Bed Bugs, Bees, Booklice, Carpet Beetles, Centipedes, Chocolate Moths, Cigarette Beetles, Clothes Moths, Clover Mites, Cluster Flies, Cockroaches, Confused Flour Beetles, Crickets, Drug Store Beetles, Fleas, Flies, Fruit Flies, Gnats, Grain Mites, Granary Weevils, Horn Flies, House Flies, Indian Meal Moths, Mediterranean Flour Moths, Millipedes, Mosquitoes, Mud Daubers, Red Flour Beetles, Rice Weevils, Sawtoothed Grain Beetles, Silverfish, Small Flying Moths, Sowbugs, Spiders, Stable Flies, Ticks and Wasps.

FOR USE IN AND AROUND: Apartments, Campgrounds, Homes, and Non-food/feed areas of Hotels, Hospitals, Meat Packing and Food Processing Plants, Motels, Nursing Homes, Resorts, Restaurants and other Food Handling Establishments, Schools, Supermarkets, Transportation Equipment (Buses, Boats, Ships, Trains, Trucks, Planes†), Utilities, Warehouses, and other Commercial and Industrial Buildings.

†Do not use in aircraft cabins.

ACCEPTED with COMMENTS in EPA Letter Dated AUG 14 1997

Not for use in Federally inspected meat and poultry plants.

ACTIVE INGREDIENTS:

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 499-401

Prallethrin [2-(1-Methyl-2-(4-phenoxyphenoxy) ethoxy) pyridine]	0.15%
Pyrethrins	0.10%
d-trans Allethrin (Allyl homolog of Cinerin I)	0.25%
Piperonyl Butoxide, Technical*	1.00%
n-Octyl Bicycloheptene Dicarboximide	1.00%
INERT INGREDIENTS:	97.50%

*Equivalent to 0.8% (Butylcarbityl)(6-Propylpiperonyl) Ether and 0.2% Related Compounds

Contains no CFCs or other ozone depleting substances. Federal regulations prohibit CFC propellants in aerosols.

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

KEEP OUT OF REACH OF CHILDREN

CAUTION

STATEMENT OF PRACTICAL TREATMENT

If swallowed: Call a physician or Poison Control Center immediately. Gastric lavage is indicated if material was taken internally. Do not induce vomiting. Vomiting may cause aspiration pneumonia.

If Inhaled: Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth to mouth. Get medical attention.

If On Skin: Wash with plenty of soap and water. Get medical attention if irritation persists.

If in eyes: Flush eyes with plenty of water. Get medical attention if irritation persists.

See side panel for additional precautionary statements.

NET WEIGHT:

Patent Pending

Whitmire
PT® 564 XLO
Contact Insecticide

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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.

HOW TO USE WHITMIRE CRACK AND CREVICE® INJECTION SYSTEM: Use Whitmire PT® 564 XLO with the supplied actuator and injection tubes or other Whitmire equipment. Inject PT® 564 XLO into cracks and crevices or void spaces where insects may be harboring, living and breeding. Place injector tip into cracks, crevices, holes and other small openings. Release approximately one-second of product. For light infestations move injector tip along cracks while treating at the rate of three linear feet per second. For heavy infestations move injector tip along at one linear foot per second. For closed voids, including equipment voids, calculate the void's cubic area and treat at the rate of five to ten seconds per three cubic feet. Several holes may be required in long-running voids. For space treatments, follow the directions for specific pests. Repeat as necessary.

Do not use in food/feed areas of food/feed handling establishments, restaurants or other areas where food/feed is commercially prepared or processed. Do not use in serving areas while food is exposed or facility is in operation. Serving areas are areas where prepared foods are served such as dining rooms but excluding areas where foods may be prepared or held. In the home, cover all food handling surfaces and cover or remove all food and cooking utensils, or wash thoroughly after treatment.

Non-food/feed areas of food/feed handling establishments are areas such as garbage rooms, lavatories, floor drains (to sewer entries and vestibules), offices, locker rooms, machine rooms, boiler rooms, garages, mop closets and storage (after canning or bottling).

Flying Insects (Cluster Fly, Flies, Fruit Flies, Gnats, Mosquitoes, Small Flying Moths):

GENERAL VOLUMETRIC TREATMENT: Close all windows and doors and direct fog upward at a rate of 1/2 to 1 1/2 seconds per 1000 cu. ft. Disperse in all locations. Keep area closed for 15 min. Open and ventilate the treated area before reoccupying. Repeat treatment as necessary.

Ants, Booklice, Centipedes, Clover Mites, Crickets, Millipedes, Roaches, Silverfish, Sowbugs, and Spiders: Inject into cracks and crevices in all hiding places behind baseboards, sinks, cabinets, meter boxes, door frames, windows. **GENERAL VOLUMETRIC TREATMENT:** Open cabinets and doors in area to be treated. Turn off air conditioners and fans and close doors and windows before treating. Apply at the rate of 10 seconds per 1000 cu. ft. of space. Disperse toward area suspected of harboring the greatest insect infestations. Disperse in all locations contacting as many insects as possible. Keep area closed for 15 minutes. Open and ventilate the treated area before reoccupying. Repeat treatment as necessary.

Bed Bugs: Take bed apart and treat cracks, joints and interior of framework. Treat mattresses and box springs; especially tufts, folds, and edges. Also treat picture frames, moldings and all cracks and crevices in the room. Do not use in hospital patient rooms.

Clothes Moths and Carpet Beetles: Locate source of infestation. Treat nearby cracks and crevices and perform general volumetric treatment of infested area. To protect woolens and other keratin containing materials, brush clean, then air out. Before treating entire article, treat a small hidden area of fabric to determine if staining will occur. Treat thoroughly by holding

dispenser at least 18 inches from garment. Treated articles should be put into a darkened closet or other darkened storage such as cedar chests, storage drawers, or sealable plastic fabric bags. For best protection clean and treat inside of closets or storage areas by treating 1/2 second per 10 sq. ft. before putting treated materials away. Treatment should be repeated every six months or as needed. Dry clean treated clothes before wearing.

Wasps and Bees: For treatment of these pests inside structural voids, locate all insect entrances. Close all but one opening. Determine size of void. Inject 2 1/2 to 5 seconds per three cubic feet of void into remaining opening. For best results, treat at dusk or later.

Mud Dauber and Wasp Nests: Apply mist directly on insects and their nests from approximately 18 inches. Contacted insects will fly away from fog. Applications should be made in late evening when insects are at rest. Disperse into hiding and breeding places contacting as many insects as possible.

For exposed adult and larval stages of Carpet Beetles, Cigarette Beetles, Confused Flour Beetles, Drug Store Beetles, Grain Mites, Granary Weevils, Red Flour Beetles, Rice Weevils, and Sawtoothed Grain Beetles: Contact as many insects as possible. Inject into cracks and crevices of pantries, cabinets, food processing and handling equipment and other places where insects harbor. Apply around cartons, and containers, and other areas where these insects tend to congregate. *GENERAL VOLUMETRIC TREATMENT:* Apply 10 seconds per 1000 cu. ft. of space. Repeat treatment weekly or as insects appear. Infested stored products should be fumigated or treated by other effective methods using an approved product intended for this purpose.

Angoumois Grain Moth, Chocolate Moth, Indian Meal Moth, Mediterranean Flour Moth: Close all doors and windows. Direct into all parts of room, especially around stored product containers, pallets, and darkened areas. Apply 2 1/2 to 5 seconds for each 1000 cu. ft. of space. Keep area closed for 15 minutes following treatment. Open and ventilate the treated area before reoccupying. Repeat treatment weekly or as necessary. Infested stored products should be fumigated or treated by other effective methods using an approved product intended for this purpose.

Fleas in buildings-*GENERAL VOLUMETRIC TREATMENT:* Hold product 36" above floor and direct toward floor and lower walls at a rate of 5 seconds per 100 sq. ft. making sure that all floor, sofa and chair surfaces are contacted. Keep area closed for 15 minutes. Open and ventilate the treated area before reoccupying. Repeat treatment after 7 days or as necessary.

Ticks: Holding container 36" above the floor, direct PT® 564 XLO toward pet beds and resting quarters. Treat adjacent cracks and crevices such as behind baseboards and edges of carpet and floor covers. Treat higher cracks such as upper door jams and window framing, behind pictures and other areas where females may crawl to lay eggs. Repeat treatment as necessary.

VOLUMETRIC TREATMENT FOR VOID AREAS: (Attics, false ceilings, crawl spaces, wall and equipment voids.) For application with Whitmire Crack & Crevice® actuator, injection tubes or other Whitmire equipment.

For exposed stages of ants, beetles, centipedes, cockroaches, crickets, millipedes, silverfish, sowbugs and spiders harboring in large voids, calculate void volume and treat at a rate of 10 seconds per 1000 cu. ft. Repeat treatment as necessary.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

Storage: Store in a cool area away from heat or open flame.

Pesticide Disposal: Waste 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 empty container in trash, sanitary landfill, or by other approved state and local procedures. Do not puncture or incinerate.

For best results product should be used when can temperature is above 60°F. If can temperature is below 60°F, store at room temperature until a temperature above 60°F is reached.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Harmful if inhaled or absorbed through skin. Avoid breathing vapor or spray mist and provide adequate ventilation of area being treated. Avoid contact with skin, eyes or clothing. Remove contaminated clothing and wash before reuse. Wash thoroughly with soap and water after handling and before smoking or eating. Do not contaminate water, food, or foodstuffs. Remove all pets and birds. Cover fish tanks or remove before treating. In hospitals, patients should be removed from room prior to treatment. Treated room should be ventilated for two hours after spraying. Do not return patients to room until after ventilation.

NOTICE TO APPLICATOR: During any general volumetric treatment, wear a pesticide respirator jointly approved by the Mining Enforcement and Safety Administration (formerly the U.S. Bureau of Mines) and by the National Institute of Occupational Safety and Health under the provisions of 30 CFR Part 11.

ENVIRONMENTAL HAZARDS: This pesticide is highly toxic to fish. Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Drift from treated areas may be hazardous to organisms in adjacent aquatic sites.

PHYSICAL OR CHEMICAL HAZARDS: This product is extremely flammable. Contents under pressure. Keep away from heat, sparks, and open flame. 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 on plastic, painted, or varnished surfaces or directly into any electronic equipment such as radios, televisions, computers, etc.

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:
Whitmire Micro-Gen Research Laboratories, Inc.
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St. Louis, Missouri 63122