

2 FEB 1993

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

Dear Mr. Sarli:

Subject: Revised Labeling  
Whitmire PT 505 XLO Pyrethrum Contact Insecticide  
EPA Registration Number 499-290  
Submission dated January 13, 1993

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable subject to the comments listed below. One copy of the finished labeling must be submitted prior to releasing the product for shipment.

1. The word "Extremely" has been deleted from the **PHYSICAL OR CHEMICAL HAZARDS** section of the product label. Reinstate this word so that the language appears as follows: Extremely Flammable.
2. Add the following statement to the **PRECAUTIONARY STATEMENTS** section of the product label:

In hospitals, remove patients prior to treating the vicinity. Ventilate area for two hours prior to returning patients.

Sincerely,



Joseph M. Tavano  
Acting Product Manager 10  
Insecticide-Rodenticide Branch  
Registration Division (H7505C)

CONCURRENCES							
SYMBOL							
SURNAME							
DATE							

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Label No. 18-0505



# PT<sup>®</sup> 505 XLO™ Contact Insecticide

## DIRECTIONS FOR USE

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

**HOW TO USE WHITMORE CRACK AND CREVICE® INJECTION SYSTEM:** Whitmore PT<sup>®</sup> 505 XLO is for use with the supplied actuator and injection tubes or other Whitmore equipment. Inject PT<sup>®</sup> 505 XLO into cracks and crevices or void space where insects may be harboring, living and breeding. Place injector tip 1/2" into cracks and crevices, holes and other small openings. Release approximately one-second spray per spot. For a serious infestation, place spots approximately 12' apart. For light infestation or for preventative treatment, place spots approximately three feet apart. In long running cracks, move injector tip along the crack while spraying at the rate of three linear feet per second for a light infestation. For heavy infestations move injector tip along at one linear foot per second. Repeat as necessary.

### NON-AGRICULTURAL USES

**Flying Insects:** Cluster Fly, Flies, Fruit Flies, Gnats, Mosquitoes, Small Flying Moths. **GENERAL VOLUMETRIC TREATMENT:** Close all windows and doors and direct treatment upward at a rate of 1 to 3 seconds per 1000 cu. ft. Disperse in all locations. Keep area closed for 15 min. Open and ventilate 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, water boxes, door frames, windows. **GENERAL VOLUMETRIC TREATMENT:** Open cabinets and doors in area to be treated. Shut off air conditioners, fans and close doors and windows before treating. Spray at rate of 20 seconds per 1000 cu. ft. of space. Direct spray 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 before reoccupying. Repeat treatment as necessary.

**Bed Bugs:** Take bed apart and treat cracks, joints and interior of framework. Mattresses and box springs should be treated, especially tufts, folds, and edges. Picture frames, moldings and all cracks and crevices in the room should also be treated. Do not use in hospital patient quarters.

**Nest Bees and Wasp Nests:** Direct treatment directly on insects and their nests from approximately 2 ft. distance. Contacted insects will fly away from fog. Applications should be made in late evening when insects are at rest. Treat flying and breeding places contacting as many insects as possible.

**Carpet Beetles, Cigarette Beetles, Confused Flour Beetles, Drugstore Beetles, Grain Mites in exposed adult and larval stages, Granary Weevils, Red Flour Beetles, Rice Weevils, and Sawtoothed Grain Beetles.** Contact as many insects as possible. Inject into cracks and crevices, including processing and handling equipment. Drill around cartons and containers, and other areas where these insects tend to congregate.

**GENERAL VOLUMETRIC TREATMENT:** Treat 20 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, Cheesebeetle Moth, Indian Meal Moth, Mediterranean Flour Moth:** Close all doors and windows. Direct spray into all parts of room, especially around stored product containers, pallets, and outboard areas. Treat 5 to 10 seconds for each 1000 cu. ft. of space. Keep area closed for 15 minutes following treatment. Open and ventilate before reoccupying. Repeat treatment weekly or as necessary. Infested stored products should be disposed of or treated by other effective methods using an approved product intended for this purpose.

**Fleas in buildings - GENERAL VOLUMETRIC TREATMENT:** Hold container 36" above floor and direct treatment toward floor and lower walls at a rate of 10 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 before reoccupying. Repeat treatment after 7 days or as necessary.

**VOLUMETRIC TREATMENT FOR INACCESSIBLE VOID:** (Attics, false ceilings, wall and equipment voids.) For application with Whitmore Crack & Crevices® injection equipment. For exposed stages of ants, beetles, centipedes, cockroaches, crickets, millipedes, silverfish, sowbugs and spiders harboring in void, calculate void volume and treat at a rate of 20 seconds per 1000 cu. ft. Repeat treatment as necessary.

**OUTDOOR GROUND APPLICATION:** Flies, Gnats and Mosquitoes in open areas near building and in campgrounds. Best results are obtained when wind speed is five (5) MPH or less. Treat in wide swaths across area to be treated. Allow treatment to penetrate dense foliage. 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 incinerate or puncture.

## PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**CAUTION:** Harmful if swallowed or absorbed through skin. Do not remain in treated area and ventilate the area after treatment is completed. Avoid breathing of vapor. Avoid contact with skin, eyes, or clothing. Wash thoroughly after using and before smoking or eating. Do not contaminate water, food, or foodstuffs. Remove all pets and birds. Cover fish tanks or remove before treating.

**FOOD AREAS OF FOOD MANUFACTURING ESTABLISHMENTS:** Foods should be removed or covered during treatment. Avoid contamination of food and foodstuffs. After space spraying, food contact surfaces and equipment must be washed with an effective cleaning compound followed by a potable water rise. When using this product as a space spray, apply only when plant is not in operation.

**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 product is toxic to fish, birds, and other wildlife. Do not apply directly to water. Apply this product only as specified on this label.

**PHYSICAL OR CHEMICAL HAZARDS:** Flammable. Contents under pressure. Keep away from heat, sparks, and open flame. Do not puncture or incinerate container. Exposure to temperatures above 130°F may cause bursting. Do not apply directly to plastic, painted, or varnished surfaces or directly into any electronic equipment such as radios, televisions, computers, etc.

A Prescription Treatment® brand insecticide from  
Whitmore Research Laboratories, Inc.  
St. Louis, MO 63122  
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FOR SYSTEM III® OR HAND HELD USE



# PT<sup>®</sup> 505 XLO™ Pyrethrum

## Contact Insecticide

**KILLS:** Angoumois Grain Moths, Ants, Bed Bugs, Booklice, Carpet Beetles, Centipedes, Chocolate Moths, Cigarette Beetles, Clover Mites, Cluster Flies, Cockroaches, Confused Flour Beetles, Crickets, Drugstore 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, and Wasps.

For Use In and Around, but not limited to: Campgrounds, Food Storage Areas, Homes, Hospitals, Hotels, Food Processing Plants, Motels, 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.

**ACTIVE INGREDIENTS:**

Pyrethrins .....	0.5%
Piperonyl Butoxide, Technical* .....	1.0%
n-Octyl Bicycloheptane Dicarboximide .....	1.0%
<b>INERT INGREDIENTS .....</b>	<b>87.5%</b>

\*Equivalent to 0.6% (Butylcarbitol)(6-Propylpiperonyl) Ether and 0.2% Related Compounds

EPA Reg. No. 499-290 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 person to fresh air. Apply artificial respiration if indicated.

**IF ON SKIN:** Remove contaminated clothing and wash affected areas with 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: 1 LB. 4 OZ. (20 oz.)