

499-371

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

APR 23 2007

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

Ms Patricia A. Hodge
Whitmire Micro-Gen Research Laboratories Inc.
3568 Tree Court Industrial Blvd.
St. Louis, MO 63122-6662

Dear Ms. Hodge:

Subject: Whitmire PT 120 XLO Sumithrin Contact Insecticide
EPA Reg. No. 499-371
Submission dated 11/29/06

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.

Change the heading "General Restrictions" to "Use Restrictions" and place it under the Directions for Use.

Revise the Physical and Chemical Hazards Statements to read as follows:
Contents under pressure. Do not use or store near heat or open flame. Do not puncture or incinerate container. Exposure to temperatures above 130° may cause bursting. Do not apply this product around electrical equipment due to the possibility of shock hazard.

In the Directions for Use revise the reference to other Whitmire equipment to read:
"...other Whitmire equipment (sold separately)."

In the directions for use, revise third second sentence to read as follows:
"Inject PT 120 XLO into cracks and crevices or void spaces where listed insects may be harboring..."

In the directions for flying insects and the directions for moths, add the following:
Turn off ventilation equipment.

In the directions for bedbugs, revise the instructions about seeing the interior framework is treated to read:
...treat the interior framework."

In the directions for exposed adult and larval stages, delete food processing and handling equipment, as this product excludes use in commercial food process areas.
In the directions for exposed and larval stages, delete "and other places" and "and other areas" as this may permit misuse.

In the directions for ticks, delete "and other areas" as this may permit misuse.

Revise the container storage statements in accordance with PR Notice 2007-1.

Revise references to ventilating after treatment to read "thoroughly ventilate."

Add "Do not use in aircraft cabins" to the use restrictions.

The new basic confidential statement of formula (CSF) referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable. A copy has been placed in the file jacket for this registration and supercedes all previous basic CSFs.

A copy of the efficacy review is enclosed.

If you have questions, please call Ann Sibold at 703 305-6502.

Sincerely,

for Ann Sibold

Richard Gebken
Product Manager 10
Insecticide Branch
Registration Division (7505P)

**Whitmire
PT® 120 XLO
Sumithrin
Contact Insecticide**

- *Kills Bed Bugs**
- *Kills Lice**
- *Kills House Dust Mites**
- *Kills Ticks & Fleas**

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, House Dust Mites, IndianMeal Moths, Lice, Mediterranean Flour Moths, Millipedes, Mosquitoes, Mud Daubers, Red Flour Beetles, Rice Weevils, Sawtoothed Grain Beetles, Silverfish, Small Flying Moths, Sowbugs, Spiders, Ticks and Wasps.

FOR USE IN AND AROUND: Apartments, Campgrounds, Homes, Hospitals, Hotels, Motels, Nursing Homes, Resorts, Schools, Supermarkets, Transportation Equipment (Buses, Boats, Ships, Trains, Trucks, Planes[†]), Utilities, Warehouses, and other Commercial and Industrial Buildings.

[†]Do not use in aircraft cabins.

ACTIVE INGREDIENTS: Phenothrin	1.0%
INERT INGREDIENTS:	99.0%
Total: 100.0%	

*Sumithrin is Registered Trademark of Sumitomo Chemical Company

[Alternate Text: See side panel for First Aid, Precautionary Statements, Directions for Use and Storage & Disposal.]

EPA Reg. No. 499-371

EPA Est. No. 499-MO-1

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

NET WEIGHT:

**ACCEPTED
with COMMENTS
In EPA Letter Dated:**

APR 23 2007

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

499-371



WHITMIRE MICRO-GEN
RESEARCH LABORATORIES, INC.
800-777-8570 www.wmmg.com

FIRST AID

IF SWALLOWED: Immediately call a poison control center or doctor. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give ANY liquid to the person. Do not give anything by mouth to an unconscious person.

IF ON SKIN OR CLOTHING: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 min. Call a poison control center or doctor for treatment advice.

IF IN EYES: Hold eyes open and rinse slowly and gently with water for 15-20 min. Remove contact lenses, if present, after the first 5 min, then continue rinsing eyes. Call a poison control center or doctor for treatment advice.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also call 1-800-225-3320 for emergency medical treatment information

PRECAUTIONARY STATEMENTS**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

CAUTION: Harmful if swallowed or absorbed through skin. Causes moderate eye irritation. Avoid breathing of vapor. Avoid contact with skin, eyes, or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum or using tobacco. Remove and wash contaminated clothing before reuse.

GENERAL RESTRICTIONS

- † In Hospitals and Nursing Homes: Apply according to specific directions for pest(s) to be treated. Remove patients from room prior to treatment. Ventilate room for 2 hrs. after spraying. Do not return patients to room until after ventilation.
- † Food Handling Establishments: Do not contaminate water, food or foodstuffs. Do not use in commercial food processing, preparation, food storage or serving areas.
- † In the home: All food processing surfaces and utensils should be covered during treatment or thoroughly washed before use. Exposed food should be covered or removed.
- † Remove all pets and birds. Cover fish tanks or remove before treating.
- † In Schools: Do not apply to classrooms when in use.
- † Use only with the supplied actuator and injection tubes or other Whitmire Micro-Gen equipment.
- † Do not use this product in electrical equipment (where there is exposed wiring or contact points) due to the possibility of short circuits and shock hazard.
- † Do not spray on plastic, painted, or varnished surfaces or directly into any electronic equipment such as radios, televisions, computers, etc.
- † Aerosols work best 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.

ENVIRONMENTAL HAZARDS

This pesticide is highly toxic to fish. 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 cleaning of equipment or disposal of equipment washwaters.

PHYSICAL 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.

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 & CREVICE® INJECTION SYSTEM: Use Whitmire PT 120 XLO with the supplied actuator and injection tubes or other Whitmire equipment. Inject PT 120 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 1 sec of product. For light infestations move injector tip along cracks while treating at the rate of 3 ft/sec. For heavy infestations move injector tip along at 1 ft / sec. For closed voids calculate the void's cubic area and treat at the rate of 5 – 10 sec/3 ft³. Several holes may be required in long-running voids. Repeat as necessary.

FLYING INSECTS (CLUSTER FLIES, 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 or 3 sec/1000 ft³. 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, meter boxes, door frames, windows. **GENERAL VOLUMETRIC TREATMENT:** Open cabinets and doors in area to be treated. Turn off air conditioners, fans and close doors and windows before treating. Apply at the rate of 20 sec. /1000 ft³ 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 min. Open and ventilate the treated area before reoccupying. Repeat treatment as necessary.

BED BUGS: Take bed apart. Treat joints and channels if hollow, such as square or round tubing, and see that the interior framework is treated. Treat mattresses, especially tufts, folds and edges. Cover mattresses before use. Allow mattresses to dry thoroughly and cover with clean bedding before using. Bedbugs may also harbor in areas of the room away from the bed. Apply Whitmire PT 120 XLO as a Crack & Crevice or spot treatment to night stands and other furniture in the room, wall voids, behind wall hanging, floor molding, window casings, carpet edge, popcorn ceilings and other cracks & crevices.

LICE AND LICE EGGS: Do Not use on humans or animals. Treat an inconspicuous area to test for possible staining or discoloration. Inspect after drying, then treat entire area. Hold container upright with actuator opening directed away from you and apply from a distance of 18". Treat at the rate of 1 sec/ft². Treat all mattresses, furniture or similar objects that cannot be laundered or dry-cleaned. Do not use article until treated area is dry. Repeat treatment as necessary.

HOUSE DUST MITES: Do Not use on humans or animals. Treat at the rate of 1 sec/4 ft². Treat an inconspicuous area to test for possible staining or discoloration. Inspect this area after drying, then treat infested areas only if staining or discoloration has not occurred. Hold container upright with actuator opening directed away from you and apply from a distance of 18". Treat all mattresses, box springs, upholstery, carpet, rugs or other infested objects that cannot be laundered or dry-cleaned. Do not use article until treated area is dry. Repeat treatment as necessary.

Vacuum the entire room 24 - 48 hours after treating, including box springs, mattresses, carpeting, drapes, furnace and air vents to remove all dust from treated area.

WASPS: For treatment of these pests inside structural voids, hollow trees and other nesting sites locate all insect entrances. Close all but one opening if possible. Determine size of void. Inject 5 – 10 sec/3 ft³ of void into remaining opening. For best results, treat at dusk or later.

BEEES, INCLUDING HONEY AND AFRICANIZED BEEES: For treatment of these pests inside structural voids, hollow trees and other nesting sites locate all insect entrances. Close all but one opening. Determine size of void. Inject 5 -10 sec/3 ft³ of void into remaining opening. For best results, treat at dusk or later. If the honeycombs are accessible, dispose of the combs by burying or burning. **DO NOT CONSUME THE HONEY OR HONEYCOMBS.**

MUD DAUBER AND WASP NESTS: Apply mist directly on insects and their nest from approximately 18". Applications should be made in late evening when insects are at rest. Dispense 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 20 sec/1000 ft³. 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 window. Direct into all parts of room, especially around stored product containers, pallets and darkened areas. Apply 5 – 10 sec/1,000 ft³. Keep area closed for 15 min following treatment. Open and ventilate 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 10 sec/100 ft² making sure that all floor, sofa and chair surfaces are contacted. Keep area closed for 15 min. Open and ventilate before reoccupying. Repeat treatment after 7 days or as necessary.

TICKS: Holding container 36" above the floor, direct PT 120 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 states of ants, beetles, centipedes, cockroaches, crickets, millipedes, silverfish, sowbugs and spiders harboring in voids, calculate void volume and treat at a rate of 29 sec/1,000 ft³. Repeat treatment as necessary.

OUTDOOR GROUND APPLICATION: Flies, Gnats and Mosquitoes in open areas near buildings and in campgrounds. Best results are obtained when wind speed is 5mph or less. Apply at a rate of 1.5 - 2 sec/1,000 ft². Apply 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 in accordance with the label directions or at an approved waste disposal facility.

CONTAINER DISPOSAL: Do not puncture or incinerate! Empty container by using the product in accordance with the label directions. Offer empty container for recycling, if available, or place in trash if allowed by state and local regulations. If container is partly full, contact your local solid waste agency or call 1-800-CLEANUP for disposal instructions.

A Prescription Treatment[®] brand insecticide from:

Whitmire Micro-Gen Research Laboratories, Inc.

3568 Tree Court Industrial Blvd.

St. Louis MO 63122-6682

www.wmmg.com

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