

U.S. ENVIRONMENTAL PROTECTION AGENCY OFFICE OF PESTICIDES PROGRAMS REGISTRATION DIVISION (75-767) WASHINGTON, DC 20480	EPA REGISTRATION NO. 499-297	DATE OF ISSUANCE 5/29/90
	TERM OF ISSUANCE	
	NAME OF PESTICIDE PRODUCT Whitmix PF 122 Samithrin	

NOTICE OF PESTICIDE: REGISTRATION
 REREGISTRATION
 (Under the Federal Insecticide, Fungicide,
 and Rodenticide Act, as amended)

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

Whitmix Research Laboratories, Inc.
 3567 Industrial Court, Industrial Boulevard
 St. Louis, MO 63122-6602

~~499-297~~
2-465

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.

The registrant is hereby notified that this registration complies with FIFRA section 156(h)(2) and is subject to the following conditions:

1. The registrant shall submit a report of the results of the registration of this product under FIFRA section 156(h)(2) which shall include all registrations of this product and the date of registration.
2. The registrant shall submit a report of the results of the product registration to the Administrator:

 - a. Addressed to "EPA Registration No. 499-297."
 - b. Under "General Information Data," change the wording to "Very slightly soluble. Contains an insecticide. Stay away from eyes, nose, and other orifices. Do not puncture or incinerate containers. The active ingredient may cause irritation." The label should report the results of the one expected test for acute oral toxicity. The label should also report the results of the acute oral toxicity tests. In most cases, the 156.1(h)(2) test is not required. The acute oral toxicity tests are subject to the following conditions: (1) The tests are conducted in an open glass vial with a volume of 100 ml (3.33 fl. oz.) (2) The tests are conducted in an open glass vial with a volume of 100 ml (3.33 fl. oz.)

ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL	DATE
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-2-

3. 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.



Phil Hatton
Product Manager (17)
Insecticide-Rodenticide Branch
Registration Division (H7505C)

Enclosures

396

2/3/88

WHITMIRE
PT® 122
SUMITHRIN®

Aerosol Generator

Kills: Ants, Bees, Bedbugs, Carpet Beetles, Centipedes, Clothes Moths, Clovermites, Cockroaches, Crickets, Dermestids, Earwigs, Firebrats, Fleas, Flies, Small Flying Moths, Gnats, Grain Insects, Grain Mites, Hornets, Lice, Millipedes, Mosquitoes, Mud Dauber, Psocids, Scorpions, Silverfish, Sowbugs, Spiders, Ticks, Yellow Jackets, Wasps and Webbing Clothes Moth

For use in, but not limited to: Apartments, homes, hospitals, hotels, motels, nursing homes, schools, supermarkets, transportation equipment (boats, buses, planes, ships, trucks, trailers and trains), utilities, warehouses, and other commercial buildings.

Active Ingredients:

3-Phenoxybenzyl d-cis and trans 2,2-dimethyl-3-(2-methylpropenyl) cyclopropane carboxylate**	1.92
Other isomers	0.08Z

INERT INGREDIENTS: 98.00Z

*Sumithrin is a Registered Trademark of Sumitomo Chemical Company.

**Cis/Trans isomers ratio: max. 30Z (+/-) cis and min. 70Z (+/-) trans

EPA Reg. No. 499-

EPA Est. 499-MO-1

KEEP OUT OF REACH OF CHILDREN

CAUTION

See Side Panel for Additional Precautionary Statements

Net Weight: 1 lb. 8 oz.

STATEMENT OF PRACTICAL TREATMENT

IF IN EYES: Flush eyes with plenty of water. Get medical attention if irritation persists.

IF SWALLOWED: Call a physician or Poison Control Center immediately. Gastric lavage may be 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.

ACCEPTED
with COMMENTS
in EPA Letter Dated
AUG 29 1990

Under the Federal Insecticide,
Fungicide, and Fecidicide Act
as amended, for the Pesticide
registered under EPA Reg. No.
~~499-297~~

Side Panel:

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

Harmful if swallowed or absorbed through skin. Do not remain in treated area and ventilate after treatment is completed. Avoid breathing vapors or spray mist. Avoid contact with skin and eyes. In case of contact flush eyes or skin with plenty of water. Obtain medical attention if irritation persists. Do not apply directly to food.

Remove pets and birds and cover aquariums before spraying.

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 provision of 30CFR Part 11.

ENVIRONMENTAL HAZARDS

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

PHYSICAL OR CHEMICAL HAZARDS - EXTREMELY FLAMMABLE. Do not use or store near fire, sparks, or heated surfaces. Turn off pilot lights in gas appliances and unplug or turn off electrical current. Do not smoke in the use area. Contents under pressure. Do not puncture or incinerate container. Exposure to temperatures above 130°F may cause bursting. Incineration of container may cause explosion.

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: Whitmire PT 122 is for use only with the supplied actuator and injection tubes or other Whitmire equipment. Inject PT 122 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 foot per second for a light infestation. For heavy infestations move injector tip along at one linear foot per second. For inaccessible closed voids calculate the void cubic area and treat at rate of five to ten seconds per three cubic feet. Several holes may be required in long-running voids. Repeat as necessary.

NON-AGRICULTURAL USES

Flying Insects: Flies, Gnats, Mosquitoes, Small Flying Moths, Webbing Clothes Moths (adults). GENERAL VOLUMETRIC TREATMENT: Close all windows and doors and direct fog upward at a rate of 1 to 3 seconds per 1000 cu. ft. (1/2 to 1 1/2 seconds per 1000 cu. Ft. for 8 & 15 lb. size due to delivery rate). Disperse in all locations. Keep area closed for 15 min. Open and ventilate before reoccupying. Repeat treatment as necessary.

Ants, Psocids, Centipedes, Clover Mites, Cockroaches, Crickets, Dermestids, Earwigs, Firebrats, Millipedes, Scorpions, 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. Shut off air conditioners, fans and close doors and windows before spraying. Spray at rate of 20 seconds per 1000 cu. ft. of space (for 8 & 15 lb. size: 10 seconds per 1000 cu. ft.) Direct spray toward area suspected of harboring the greatest insect infestations. Dispense 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.

Lice and lice eggs Not For Use on Humans or Animals For Lice Control: Spray on an inconspicuous area to test for possible staining or discoloration. Inspect after drying, then spray entire area to be treated. Hold container upright with nozzle away from you. Depress valve and spray from a distance of 18 inches. Spray at the rate of 1 second of spray per each square foot. Thoroughly spray all mattresses, furniture or similar objects that cannot be laundered or dry cleaned. Do not use article until spray is dry. Repeat treatment as necessary.

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, air and remove persistent spots and stains by dry cleaning. Before spraying entire article, spray a small hidden area of fabric to determine if staining will occur. Spray thoroughly by holding dispenser at least one foot from garment. Treated articles should be put into a darkened closet or other darkened storage; such as cedar chests, storage drawers, or sealable black plastic fabric bags. For best protection clean and spray inside of closets or storage areas by treating one 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.

Bees, hornets, mud daubers, wasps and yellow jackets in unexposed nests in structure voids: Spray directly into insect entrance, where insects are observed entering and exiting structure, at the rate of 10 to 40 seconds of spray per site. After 1 hour adult insects should be dead. Application should be made late in the evening when most insects are in the nest and at rest. Repeat treatment if necessary. Protective clothing and safety apparel must be worn when treating bees, wasps and yellow jackets.

Side Panel (cont.)

Crawling Grain Insects and Grain Mites in exposed adult and larvae stages. Contact as many insects as possible. Inject into cracks and crevices, including processing and handling equipment. Drift around cartons, and containers, and other areas where these insects tend to congregate. General Volumetric Treatment: Spray 20 seconds per 1000 cu. ft. of space (for 8 & 15 lb. size: Spray 10 seconds per 1000 cu. ft.) 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.

Flying Grain Insects: Close all doors and windows. Direct spray into all parts of room, especially around stored product containers, pallets, and darkened areas. Spray 5 to 10 seconds for each 1000 cu. ft. of space (for 8 & 15 lb. size: spray 2 1/2 to 5 seconds per 1000 cu. ft.) Keep area closed for 15 minutes 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 and Ticks in buildings-General Volumetric Treatment: Hold aerosol 36" above floor and direct spray toward floor and lower walls at a rate of 10 seconds per 100 sq. ft. (5 seconds per 100 sq. ft. for 15 lb. unit) 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 OF INACCESSIBLE VOIDS: (Attics, false ceilings, wall and equipment voids.) For spray application with Whitmire Crack & Crevice 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. (for 15 lb. size: 10 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. Apply at a rate of 60-80 seconds per acre. (For 8 & 15 lb. size: Spray 30-40 seconds per acre). Spray in wide swaths across area to be treated. Allow spray drift 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.

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