



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

EPA Reg. Number:
499-412

Date of Issuance:
28 AUG 1995

Term of Issuance: Conditional

Name of Pesticide Product: Whitmire
TC 96

NOTICE OF PESTICIDE:
 X Registration
 Reregistration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Whitmire Research Laboratories, Inc.
3568 Tree Court Ind. Blvd.
St. Louis, MO 63122-6620

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/reregistration 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. 499-412".
 - b. Revise the **Precautionary Statement** to read:
"Harmful if swallowed or absorbed through skin. Causes moderate eye irritation. Avoid contact with eyes, skin, and clothing. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse."
 - c. Delete the statement "Do not contaminate water, food, or foodstuffs." from the **Precautionary Statement**.
 - d. Move the statement "In hospitals, patients should be removed from room Do not return patients to room until after ventilation." from the **Precautionary Statement** to the beginning of the **Directions for Use**.

- e. Delete the use site "resorts" as it is too broad.
- f. Revise the **Statements of Practical Treatment** to read as follows:

IF SWALLOWED: Call a physician or poison control center. Drink one or two glasses of water and induce vomiting by touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person.

IF ON SKIN: Wash with plenty of soap and water. Get medical attention.

IF IN EYES: Flush eyes with plenty of water. Call a physician if irritation persists.

- g. Revise the **Environmental Hazards Statement** to read:
"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."
3. Provide an explanation as to why the "if swallowed" statement on the proposed label included a recommendation not to induce vomiting due to the possibility of aspiration pneumonia. The Agency did not consider this statement necessary due to the lack of petroleum distillates in the formulation. If you believe that an aspiration pneumonia hazard warning is appropriate for this product, you must inform the Agency.
 4. Submit three 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.

RPK-

Richard P. Keigwin, Jr.
Product Manager 10
Insecticide-Rodenticide Branch
Registration Division

Whitmire
TC 96
Contact Insecticide

KILLS: Angoumois Grain Moths, Ants, Bed Bugs, 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, Food Storage Areas, Homes, Hospitals, Hotels, 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.

ACTIVE INGREDIENTS:

Pyrethrins	1.0%
d-trans Allethrin	1.0%
Piperonyl Butoxide, Technical*	4.0%
n-Octyl Bicycloheptene Dicarboximide	4.0%

INERT INGREDIENTS: 90.0%

*Equivalent to 3.2% (Butylcarbityl)(6-Propylpiperonyl) Ether and 0.8% 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 patient to fresh air. Apply artificial respiration if indicated.

If on skin: Remove contaminated clothing and wash affected skin 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.

ACCEPTED
with COMMENTS
In EPA Letter Dated

NET WEIGHT:

28 AUG 1995

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

499-412

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Whitmire
TC 96
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 WHITMIRE CRACK AND CREVICE* INJECTION SYSTEM: Use Whitmire TC 96 with the supplied actuator and injection tubes or other Whitmire equipment. Inject TC 96 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.

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 to 3 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 20 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 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 5 to 10 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 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, 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 5 to 10 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 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 the treated area before reoccupying. Repeat treatment after 7 days or as necessary.

Ticks: Holding container 36" above the floor, direct PT* 565 Plus Newofill 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.

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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 20 seconds per 1000 cu. ft. 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 five (5) MPH or less. Apply at a rate of 60 to 80 seconds per acre. 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 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 swallowed or absorbed through skin. Do not remain in treated area and ventilate the treated 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. 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.

FOOD AREAS OF FOOD HANDLING ESTABLISHMENTS: Foods should be removed or covered during treatment. All food processing surfaces and equipment should be covered during treatment or thoroughly washed with an effective cleaning compound followed by a potable water rinse before using. When using this product, 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 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. Drift from treated areas may be hazardous to organisms in adjacent aquatic sites.

PHYSICAL OR CHEMICAL HAZARDS: 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 Research Laboratories, Inc.
3568 Tree Court Ind. Blvd.
St. Louis, Missouri 63122

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