

MAR 22 1991

Michael W. Muczynski
Whitmire Research Laboratories, Inc.
3568 Tree Ct. Industrial Blvd.
St. Louis, MO 63122

Dear Mr. Muczynski:

Subject: Additional Label Claims
Allethrin Registration Standard
Whitmire PT 255, EPA Reg. No. 499-205
Submission received November 8, 1989

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable. A stamped copy is enclosed for your records.

Accelerated storage stability data for 30 days at 50 degrees Celcius are required on an interim basis. The results of one year storage stability tests at ambient warehouse conditions must be received within 15 months from this date.

Delete "allyl homolog of Cinerin 1" from the label declaration for allethrin.

Sincerely,

RFM

Richard F. Mountfort
Product Manager (10)
Insecticide-Rodenticide Branch
Registration Division (H7505C)

FRONT PANEL:

11/1/89

Whitmire
Aero-Cide™
PT® 555
d-trans Allethrin

Insect Fogger

KILLS: Anguomois 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, Dermestids, Drug-Store Beetles, Earwigs, Firebrats, Fleas, Flies, Fruit Flies, Gnats, Grain Mites, Granary Weevils, Horn Flies, Hornets, House Flies, Indian Meal Moths, Mediterranean Flour Moths, Millipedes, Mosquitoes, Mud Daubers, Psocids, Red Flour Beetles, Rice Weevils, Sawtoothed Grain Beetles, Silverfish, Small Flying Moths, Sow Bugs, Spiders, Stable Flies, Ticks, Wasps and Yellow Jackets.

For Use in and Around, but not limited to: Campgrounds, Food Storage Areas, Homes, Hospitals, Hotels, Meat Packing and 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:

d-trans Allethrin (Allyl homolog of Chlorfenvinphos)	0.50%
Piperonyl Butoxide, Technical*	4.00%

INERT INGREDIENTS:	95.50%
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*Equivalent to 0.8% (Butylcarbityl)(6-Propylphenyl) Ether and 0.2% Related Compounds

EPA Reg. No. 499-205 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.

NET WEIGHT:

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ACCEPTED WITH COMMENTS
in EPA Letter Dated
MAR 22 1991
Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 499-205.

Side Panel:

PT® 555
d-trans Allethrin

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

Harmful if swallowed or absorbed through skin. For space treatment 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 spraying.

FOOD AREAS OF FOOD HANDLING ESTABLISHMENTS: Foods should be removed or covered during treatment. All food processing surfaces should be covered during treatment or thoroughly cleaned before using. When using this product as a space spray, apply only when plant is not in operation. Careful crack and crevice application for inspection purposes is permissible at all times.

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 spray on plastic, painted, or varnished surfaces or directly into any electronic equipment such as radios, televisions, computers, etc.

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® 555 is for use only with the supplied actuator and injection tubes or other Whitmire equipment. Inject PT® 555 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 voids 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.

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Side Panel (cont.)

NON-AGRICULTURAL USES

Flying Insects: Cluster Flies, 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 infestation. 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.

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. 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.

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Crawling Grain Insects and Grain Mites such as Cigarette Beetles, Confused Flour Beetles, Drug Store 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. 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.

Side Panel (cont.)

Flying Grain Insects such as Anguomois Grain Moth, Chocolate Moth, Indian Meal Moth and Mediterranean Flour Moth. 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 FOR 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, around landscaping near buildings 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). Direct spray into foliage from minimum of two (2) feet away or 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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