499 - 427

Reregistration



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

x Registration

499-427

Date of Issuance:

EPA Reg. Number:

DEC 1 1 1997

Term of Issuance: Conditional

(under FIFRA, as amended)

Name of Pesticide Product: Whitmire PT 3-610C Aerocide Pyrethrin Concentrate

Name and Address of Registrant (include ZIP Code):

Whitmire Research Laboratories 3568 Tree Court

St. Louis, MO 63122-6620

NOTICE OF PESTICIDE:

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 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.
 - Make the following label changes:
- a. Revise the EPA Registration Number to read, "EPA Reg. No. 499-427".
- Revise the Precautionary Statements according to the Precautionary Review Section review to read:

Harmful if absorbed through skin. Causes moderate eye irritation. Avoid contact with eyes, skin or clothing. Prolonged or frequently repeated skin contact may cause allergic reaction in some individuals. Wash throughly with soap and water after handling.

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Signature of Approving Officia

page 2 EPA Reg. No.499-427

- 2. Add the following to the Precautionary Statements:
- a. "In hospitals, patients should be removed from room prior to treatments. Area should be ventilated two hours before returning patients."
- b. In food area of food establishments foods shold be removed or covered during treatment. All food processing surfaces should be covered during treatment or thoroughly washed with an effective cleaning compound followed by a potable water wash rinse before using.
 - 3. Revise the Practical Treatment to read:

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.

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.

Submit two 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.

A stamped copy of the label is enclosed for your records.

Sincerely,

Marion 4. Johnson, Jr.

Product Manager 10 Insecticide Branch

Registration Division 7505c

Whitmire PT 3-6-10C Aero-cide Pyrethrin Concentrate

KILLS AND REPELS: Angoumois Grain Moths, Ants, Bedbugs, Bees, Booklice, Boxelder Bugs, Cadelles, Carpenter Ants, Carpet Beetles, Centipedes, Chocolate Moths, Cigarette Beetles, Clothes Moths, Clover Mites, Cigarette Beetles, Cluster Flies, Cockroaches, Crickets, Darkling Beetles, Dermestid Beetles, Dried Fruit Beetles, Drugstore Beetles, Earwigs, Elmleaf Beetles, Firebrats, Fleas, Flies, Flour Beetles, Gnats, Grain Mites, Hornets, Horn Flies, House Flies, Indian Meal Moths, Lice, Mealworms, Mediterranean Flour Moths, Millipedes, Mosquitoes, Moths, Mud Dauber, Psocids, Red Flour Beetles, Scorpions, Silverfish, Sowbugs, Spider Beetles, Small Flying Moths, Spiders, Stable Flies, Ticks, Yellowjackets, Saw-toothed Grain Beetles, Scorpions, Spring Tails, Stable Flies, Ticks, Trogaderma, Wasps, Yebbing Clothes Moth, Weevils (Granary Weevils and Rice Weevils)],

FOR USE IN AND AROUND: Apartments, Bakeries, Barns, Beverage Plants, Calf Hutches, Campgrounds, Canneries, Dairies, Flour Mills, Food Processing Plants, Food Storage Areas, Grain Mills, Hobby Greenhouses, Hog Operations, Homes, Horse Barns, Hospitals, Hotels, Interiorscapes, Kennels, Landscapes, Loafing Sheds, Meat Packing and Food Processing Plants, Milk Rooms, Milking Parlors, Motels, Mushroom Houses, Nursing Homes, Office Buildings, Poultry Operations, Rail Cars, Restaurants and other Food Handling Establishments, Schools, Ships, Stables, Supermarkets, Transportation Equipment (Buses, Boats, Ships, Trains, Trucks), Utilities, Warehouses and other Commercial and Industrial Buildings and Zoos.

ACTIVE INGREDIENTS:

Pyrethrin															
Piperonyl Butoxide, Technical* n-Octyl Bicycloheptene Dicarboximide	•	•	•	•	•	•	:	:	•	•	•	•	•	•	10.0%
INERT INGREDIENTS:															

*Equivalent to 4.8% (Butylcarbityl)(6-Propylpiperonyl) Ether and 1.2% Related Compounds

EPA Req. No. 499-

EPA Est. 499-MO-1

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DILUTED SPRAY

Spray Dilution Chart

Dilution	Amount of Concentration							
	per gallon of water*							
0.125%	5 1/3 fl. oz.							
0.250%	10 2/3 fl. oz.							
0.500%	21 1/3 fl. oz.							

*Do not dilute with spray oil.

The 0.125% rate should be used for flying insects only. The 0.25% rate should be used for maintenance. The 0.5% rate should be used for clean outs or high insect infestations.

FOR CONTACT TREATMENTS

Flying insects such as: Bees, Cluster Flies, Flies, Gnats, Hornets, Mosquitoes, Moths, Small Flying Moths, Wasps, Webbing Clothes Moths and Yellowjackets. Use the 0.125 or 0.25% rate. Close all doors and windows. Point nozzle upward, direct spray mist to all parts of the room, especially windows and other light sources which attract these insects. Fill the room with mist, then leave the treated area. Keep the room closed for at least one hour. Ventilate the room before re-entry. Repeat as necessary.

Stored product pests such as: Angoumois Grain Moths, Cadelles, Carpet Beetles, Chocolate Moths, Cigarette Beetles, Dermestid Beetles, Dried Fruit Beetles, Drug Store Beetles, Flour Beetles, Grain Mites, Granary Weevils, Indian Meal Moths, Meal Worms, Mediterranean Flour Moths, Psocids, Red Flour Beetles, Saw-toothed Grain Beetles, Spider Beetles, Trogaderma and Weevils. Use the 0.25% or 0.5% rate. Clean all food preparation areas thoroughly after treatment and before food is exposed. For use only in area where food is not exposed. Direct output into corners, under pallets, hitting as many insects as possible, and then treat as a contact spray toward upper corners of room and ceiling.

FOR SURFACE AND CRACK AND CREVICE TREATMENTS

For surface spraying, treated surfaces should be sprayed until moist, but do not treat to run off.

Crawling Insects such as: Ants, Booklice, Carpet Beetles, Centipedes, Clothes Moths, Clover Mites, Cockroaches, Crickets, Dermested Beetles, Earwigs, Fire Brats, Fleas, Millipedes, Scorpions, Silverfish, Sowbugs and Spiders. Use the 0.25% or 0.5% rate. Apply as a coarse wet spray on walls, crawl spaces, floors and other surfaces of bins and storage handling areas, unloading and processing areas. Treat cracks and crevices in these places as well as beneath sinks, inside conveying, processing and handling equipment, and around the base of equipment.

KEEP OUT OF REACH OF CHILDREN

CAUTION

See Side Panel for Additional Precautionary Statements

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.

Net Weight:

Whitmire
Aero-cide*
PT 3-6-10C
Pyrethrin Concentrate

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

This product is designed for use undiluted in mechanical sprayers which produce particles of aerosol size, or diluted in mechanical misting or pump sprayers. When used in hospitals, nursing homes or schools, all patients or students should be removed from areas to be treated prior to application. Before application, remove animals from area to be treated. Ventilate for two hours after application before reoccupying treated areas.

For Crack and Crevice Injection: Inject PT 3-6-10C 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 penings. 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 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. Repeat as necessary.

PEST CONTROL

UNDILUTED SPRAY

FOR CONTACT TREATMENTS

Flying insects such as: GENERAL VOLUMETRIC TREATMENT: Bees, Cluster Flies, Flies, Gnats, Hornets, Mosquitoes, Moths, Small Flying Moths, Wasps, Yebbing Clothes Moths and Yellowjackets. Apply undiluted at the rate of 3.5 fl. oz. of concentrate per 1,000 cu. ft. of space. Direct output from spray equipment toward upper corners of room and ceiling. Extinguish all flames in the area to be treated. Shut off all air conditioning or ventilating equipment. Leave closed for one hour after treating. Ventilate room thoroughly before re-entry.

Stored product pests such as: Angoumois Grain Moths, Cadelles, Carpet Beetles, Chocolate Moths, Cigarette Beetles, Dermestid Beetles, Dried Fruit Beetles, Drug Store Beetles, Flour Beetles, Grain Mites, Granary Weevils, Indian Meal Moths, Meal Worms, Mediterranean Flour Moths, Psocids, Red Flour Beetles, Saw-toothed Grain Beetles, Spider Beetles, Trogaderma and Weevils. GENERAL VOLUMETRIC TREATMENT: Apply undiluted at the rate of 0.5 fl. oz. of concentrate per 1,000 cu. ft. of space. Clean all food preparation areas thoroughly after treatment and before food is exposed. For use only in areas where food is not exposed. Direct output into corners, under pallets, hitting as many insects as possible, and then treat as a space treatment toward upper corners of room and ceiling.

FOR SURFACE AND CRACK AND CREVICE TREATMENTS

Crawling insects such as: Ants, Booklice, Carpet Beetles, Centipedes, Clothes Moths, Clover Mites, Cockroaches, Crickets, Dermested Beetles, Earwigs, Fire Brats, Fleas, Millipedes, Scorpions, Silverfish, Sowbugs and Spiders. Apply undiluted at the rate of 0.5 fl. oz. of concentrate per 1,000 cu. ft. of space. Apply as a coarse wet spray on walls, floors and other surfaces of bins and storage handling areas, unloading and processing areas being careful to treat cracks and crevices in these places as well as beneath sinks, inside conveying, processing and handling equipment, and around the base of equipment.

Bedbugs, Lice and Ticks: GENERAL VOLUMETRIC TREATMENT: Apply undiluted at the rate of 0.5 fl. oz. of concentrate per 1,000 cu. ft. of space. Apply as a spot treatment to cracks and crevices around baseboards, floorboards, bedboards and walls. Spot treat only areas that may harbor pests, concentrating on tufts, folds, and seams. Repeat as necessary.

Fleas: Hold spray nozzle about 24 inches from areas to be treated. Direct treatment onto pet resting areas and floor around these areas. Apply undiluted at the rate of 0.5 fl. oz. of concentrate per 1,000 cu. ft. of space. Treat pet bedding the same way. Also treat entire inside surface of dog houses. Repeat as necessary. Do not allow pets to contact treated areas until spray has dried. Remove or cover animal feed before spraying. To control the source of flea infestation, pets inhabiting the treated premises should be treated with a product registered for application to pets.

Boxelder Bugs, Carpenter Ants, Cluster Flies and Elmleaf Beetles: Treat voids and other areas were these insects are found.

Flies, Gnats, Horn Flies, House Flies, Stable Flies: GENERAL VOLUMETRIC TREATMENT: For fast knockdown of flying insects close all windows and doors. Apply undiluted at the rate of 0.5 fl. oz. of concentrate per 1,000 cu. ft. of space. Direct fog upward in all directions. Ventilate the area after treatment is completed. Remove or cover animal feed before treating. Do not apply to lactating or food animals. Do not contaminate milk, food or drinking water.

Darkling Beetles: After emptying poultry houses, treat litter before cleaning. Apply undiluted at the rate of 0.25 fl. oz. of concentrate per 1,000 cu. ft. of space. Keep closed for one hour, remove litter and retreat all surfaces. Ventilate for 24 hours before replacing poultry.

Bedbugs, Lice and Ticks: Use the 0.25% or 0.5% rate. Apply as a spot treatment to cracks and crevices around baseboards, floorboards, bedboards and walls. First, thoroughly clean and air mattresses and springs. Then spot treat only areas that may harbor these pests, concentrating on tufts, folds, and seams. Repeat as necessary.

Fleas: Use 0.25% or 0.5% rate. Hold spray nozzle about 24 inches from areas to be treated. Direct treatment onto pet resting areas and floor around these areas. Apply treatment until area is moist. Treat pet bedding the same way. Also treat entire inside surface of dog houses. Repeat as necessary. Do not allow pets to contact treated areas until spray has dried. Remove or cover animal feed before treating.

Hornets, Wasps, Yellowjackets: Use the 0.25% or 0.5% rate. Contact application should be made in late evening when insects are at rest. Spray liberally into hiding and mesting places, contacting as many insects as possible. Repeat as necessary.

Boxelder Bugs, Carpenter Ants, Cluster Flies and Elmleaf Beetles: Use the 0.25% or 0.5% rate. Treat voids and other areas were these insects are found.

Flies, Gnats, Horn Flies, House Flies, Stable Flies: Use the 0.25% or 0.5% rate. For fast knockdown of flying insects close all windows and doors. Direct fog upward in all directions. Ventilate the area after treatment is completed. Remove or cover animal feed before spraying. Do not apply to lactating or food animals. Do not contaminate milk, food or drinking water.

Darkling Beetles: After emptying poultry houses, treat litter before cleaning. Use the 0.25% or 0.5% rate. Keep closed for one hour, remove litter and retreat all surfaces. Ventilate for 24 hours before replacing poultry.

HORTICULTURE USE

For Use In: Hobby Greenhouses, Interiorscapes and Landscapes

Kills: Aphids, Armyworms, Bees, Beetles, Bugs (Boxelder, Lace and Plant), Caterpillars (Cabbage Worms, Rose Slugs, Hornworms), Centipedes, Clover Mites, Crickets, Earwigs, Firebrats, Flies, Fruitworm, Fungus Gnats, Fungus Gnat Larvae, Grasshoppers, Leafhoppers, Leafminers, Leafrollers, Loopers, Mealy bugs, Millipedes, Mosquitoes, Psylla, Rose Aphids, Scale Insects, Scorpions, Sowbugs, Spiders, Spider Mites, Thrips, Wasps, Whiteflies and Yellowjackets.

This product is designed for use undiluted in mechanical sprayers which produce particles of aerosol size or diluted in compressed air sprayers.

Spray Dilution Chart

Dilution	•	Amount of Concentration per gallon of water*
0.062		2.2/3.floz.
0.125%		5 1/3 fl. oz.
0.250%		10 2/3 fl. oz.

Treat upper and lower foliage surfaces of plants uniformly.

Special Notice: This product has demonstrated excellent plant safety; however, all varieties of the plants listed have not been tested. When treating large numbers of plants of a single variety, treat a few plants and observe for phytotoxicity prior to full scale application.

Direct treatment to some open blooms may cause petal drop.

FOR USE INDOORS AND OUTDOORS ON, BUT NOT LIMITED TO: Bedding plants (such as): impatiens, marigolds, petunias, geraniums, and garden mums.

Cut flowers (such as): roses, chrysanthemums, carnations, snapdragons, and orchids.

Flowering hanging baskets (such as): fuchsia, lantana, New Guinea impatiens, ivy, and geraniums.

Foliage (such as): Boston fern, dracaena, ficus, schefflera, and philodendron.

Potted flowering plants (such as): poinsettia, chrysanthemums, florist's azaleas, lilies, African violets, geraniums, hibiscus, kalanchoes, and begonias.

Ornamentals (such as): azalea, barberry, cotoneaster, euonymus, holly, juniper, oak, pine, rhododendron, roses, spiraea, spruce, viburnum and yew.

Do not treat vegetables.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal. STORAGE: Store in original container in secured dry storage area. Do not store above 100°F for extended periods of time. Storage below 32°F may cause freezing.

PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. CONTAINER DISPOSAL: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by State and Local authorities.

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.

Before treating remove pets and birds and for aquariums, remove or cover and turn off air pumps (if conditions permit).

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, birds, and other wildlife. 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 wastes. Apply this product only as specified on this label.

PHYSICAL OR CHEMICAL HAZARDS: Do not use or store near heat or open flame.

LIMITATION OF LIABILITY

Use only as directed. Buyer assumes all risks in using or handling this product in any way. WHITMIRE EXPRESSLY DISCLAIMS ALL IMPLIED WARRANTIES OF FITNESS FOR A PARTICULAR PURPOSE AND MERCHANTABILITY. IN NO CASE SHALL WHITMIRE BE LIABLE FOR CONSEQUENTIAL, SPECIAL, INCIDENTAL OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT. DAMAGES FROM THE USE OF THIS PRODUCT ARE EXPRESSLY LIMITED TO REPLACEMENT OF THE PRODUCT OR REFUND 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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