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US ENVIRONMENTAL PROTECTION AGENCY OFFICE OF PESTICIDES PROGRAMS REGISTRATION DIVISION (75-767) WASHINGTON, DC 20460	EPA REGISTRATION NO. 499-285	DATE OF ISSUANCE 8 JUL 1988
	TERM OF ISSUANCE	
	NAME OF PESTICIDE PRODUCT PP 155 Plus Pyrethrum	

NOTICE OF PESTICIDE: REGISTRATION
 REREGISTRATION

(Under the Federal Insecticide, Fungicide,
 and Rodenticide Act, as amended)

Best Copy

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

White Research Laboratories, Inc.
 3568 Trec Court Industrial Boulevard
 Saint Louis, Missouri 63122

Attention: Michael Sarli

160 / 208470
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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.

1. Submit/cite all data required for registration/reregistration of your product under FIFRA section 24(c)(5) when the Agency requires all registrants of similar products to submit such data.

2. Submit a revised Confidential Statement of Formula according to the enclosed guide. Note that the label claim for the active ingredient cannot be above the lower Certified Limit. When you redo your calculations according to the enclosed guide, the Certified Limits will probably change. Adjust the label accordingly.

3. Submit the proposed label for your product for the active ingredients.

4. Submit storage stability data. The formulated product must be analyzed for its active ingredient at time zero and during a year of storage. The storage should be in warehouse conditions of temperature and humidity and stored in similar containers you will be using in the trade. It is recommended that sampling be done every three months. You cannot reference the concentrates you are using to formulate your product for this purpose.

ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL: *Sa 213,4*

DATE: 7/8/88

5. Submit corrosion characteristics data. This information can be noted during the storage stability study.

6. Only use the basic formulation on the NSF dated 11/26/67 in formulating this product.

7. Make the labeling changes below before you release the product for shipment.

a. Replace "EPA Reg. No. 499-" with "EPA Reg. No. 499-205."

b. Remove "(Methyl Eucalyptol of Citronella Oil) from the ingredients at least and change "Methyl Eucalyptol" to be the ingredients at least in the product name.

c. Change the use directions to read: "Apply to surfaces of equipment, machinery, and tools used in food processing plants, meat and poultry plants, and other food processing areas."

d. Add the following statement: "Do not use in hospitals, nursing homes, and other health care facilities. It is centered and directly below and nearest to humans and domestic animals including."

e. Add the statement: "If NEOSPILOR is used, it should be removed from room prior to the start. Room should be ventilated for two hours after application. Do not return patients to room until after ventilation." to the hazards to humans and domestic animals section.

f. Replace the statement "All food processing surfaces should be cleaned with a suitable detergent before use." with the following: "All food processing surfaces and equipment must be cleaned with an effective cleaning compound followed by potable water rinse."

g. Replace the statement "Except in Federally inspected meat and poultry plants, careful or critical application for inspection purposes is requisite at all times." with the statement "Except in Federally inspected meat and poultry plants, careful or critical application, including use of equipment, is requisite at all times."

CONCURRENCES

SYMBOL							
SURNAME	See	2/3/68				7/16/85	
DATE							

- h. Replace the Environmental Hazards section statements with the following.

This pesticide is highly toxic to fish. Do not apply directly to water or wetlands (swamps, bogs, marshes, and potholes). Drift from treated areas may be hazardous to organisms in adjacent aquatic sites. Do not contaminate water when disposing of equipment washwaters.

- i. Replace the Physical or Chemical Hazards section with the following.

Contents under pressure. Do not use in areas with electrical equipment due to the possibility of static sparks. Do not inhale vapors. Exposure to temperatures above 100°F may cause irritation.

- j. Replace the Storage section with the following: "Store in a locked area away from heat or open flame."

- k. Delete the statement "Caution: Do not inhale if material was taken internally. Do not induce vomiting. Vomiting may cause aspiration pneumonia." from the statement of practical treatment.

- l. Delete the statements "but not limited to" and "and other Commercial and Industrial buildings." above the ingredients statement.

- m. Include the following information: "For other other small openings", "For irregular closed voids calculate the voids cubic area of void at a rate of five to ten seconds per three cubic feet. Several holes may be required in long running voids."

- n. Replace the statement "Inject into cracks and crevices, including processing and handling equipment." with "Inject into cracks and crevices, excluding processing and handling equipment."

CONCURRENCES

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6. Remove the heading "Volumetric Treatment for Incompressible Voids" and the text associated with this heading.

7. Submit five (5) final printed labels according to the directions in the 2/24/68 Albitrin Registration Standard.

If these conditions are not complied with after the registration is issued, the registrant will be subject to a civil penalty in accordance with section 901 of the Act.

Very truly yours,
[Signature]

Product Number (11)
The Chlorine Corporation
Registration Division (IC-2070)

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CONCURRENCES

SYMBOL								
SURNAME								
DATE								

Whitmire
PT 565 Plus
Pyrethrum
Insect Fogger

KILLS: Anguomois Grain Moths, Ants, Bed Bugs, Booklice, Carpet Beetles, Centipedes, Chocolate Moths, Cigarette Beetles, 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, Sow Bugs, Spiders, Stable Flies, and Wasps.

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:

Pyrethrum	0.25%
d-trans Allethrin (Allyl homolog of Cinerin I)	0.25%
Piperonyl Butoxide, Technical*	1.00%
n-Octyl Bicycloheptene Dicarboximide	1.00%

INERT INGREDIENTS: 97.50%

*Equivalent to 0.8% (Butylcarbityl)(6-Propylpiperonyl) Ether and 0.2% Related Compounds

EPA Reg. No. 499-

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:

REGISTERED
DATE: 08 JUL 1988

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended for the pesticide registered under EPA Reg. No. 499-285

Side Panel:

FOR USE WITH SYSTEM III
OR HAND HELD USE

PT 565 Plus
Pyrethrum

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 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. Except in Federally inspected meat and poultry plants, 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 - 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 565 Plus is for use only with the supplied actuator and injection tubes or other Whitmire equipment. Inject PT 565 Plus 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.

NON-AGRICULTURAL USES

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. (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, Booklice, Centipedes, Clover Mites, Crickets, Millipedes, Roaches, Silverfish, Sow Bugs, 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.

Mud Dauber and Wasp Nests: Spray mist directly on insects and their nests from approximately 2 ft. distance. Contacted insects will fly away from fog. Applications should be made in late evening when insects are at rest. Spray into hiding and breeding places contacting as many insects as possible.

Carpet Beetles, Cigarette Beetles, Confused Flour Beetles, Drug Store Beetles, Grain Mites in exposed adult and larvae 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.

Anguomols Grain Moth, Chocolate Moth, Indian Meal Moth, 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 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 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.

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