

PM 17 499-182

17 OCT 1988 1/6

340/205/117
18

Mr. Richard C. Smith
Manager, Registration Division
Insecticide, Fungicide, and Rodenticide Branch
EPA Registration Division, Room 1117
Saint Louis, Missouri 63167

Dear Mr. Smith:

Subject: Proposed Amendment to Formulation in Response to
PP Notice 17-1
EPA Registration No. 100-100

The amendment referred to above, submitted in connection with registration under section 240(f)(1) of the Federal Insecticide, Fungicide, and Rodenticide Act, is accepted, is acceptable subject to the following comments.

1. Since your proposed formulation changes are substantial, submit product chemistry data matrix for each formulation is required. See the enclosed guide and submit the data.

2. You may only use the Confidential Statements of Formulae dated 10/22/87 in formulating your product.

3. The density of the alternate and the basic formulations are listed as being the same. This is hard to believe given the ingredients present in each formulation. Submit revised Confidential Statements of Formulae filled out according to the enclosed guide with correct densities reported. If the densities are 11 lbs/gallon or less this amendment is not acceptable.

Sincerely,

Enclosure

Phil Hutton
Phil Hutton
Product Manager (17)
Insecticide Rodenticide Branch
Registration Division (TS-767C)

CONCURRENCES

SYMBOL	TS-72C							
SURNAME	Mandelson							1/6
DATE	8/14/88							

5. Replace the statement "All food processing surfaces should be covered during treatment or thoroughly cleaned before using." with "Food contact surfaces and equipment must be washed with an effective cleaning compound followed by a potable water rinse after treatment."

6. Replace "for void space", "holes and other small openings", and "For inaccessible places" with "calculate the voids cubic area and treat at a rate of five to ten seconds per three cubic feet. Several holes may be required in long-running voids." from your directions on how to use the Ultrasonic Crack and Cavity Injection System.

7. Replace the statement "Inject into cracks and crevices, including pre-drills and grinding equipment." with "Inject into cracks and crevices including processed and handling equipment."

8. Replace the statement "The electric treatment for inaccessible voids" with "The text associated with this label."

9. Replace the statement "Store in a cool, dry area away from children" with "Store in a cool, dry area away from children that is inaccessible to children."

10. Attach a copy of the label I have enclosed for your records. Submit this list of printed labels.

Sincerely,



Phil Hutton
Product Manager (17)
Insecticide Rodenticide Branch
Registration Division (75-7020)

CONCURRENCES

SYMBOL							
SURNAME							2 of 6
DATE							

10/22/87

3

OCT 17 1987

Whitmire

PT 565
Pyrethrin

Insect Fogger

499-182

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:

Pyrethrins	0.50%
Piperonyl Butoxide, Technical*	1.00%
n-Octyl Bicycloheptene Dicarboximide	1.00%
Refined Petroleum Oil	8.00%

INERT INGREDIENTS: 89.50%

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

EPA Reg. No. 499-182

EPA Est. No. 499-MO-1

KEEP OUT OF REACH OF CHILDREN

CAUTION

STATEMENT OF PRACTICAL TREATMENT

RECEIVED
OCT 22 1987

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.

Authorized by USDA for use in federally inspected meat and poultry plants.

NET WEIGHT: 8 & 15 lb.

346

Side Panel:

FOR USE WITH SYSTEM III
OR HAND HELD USE

PT 565 Pyrethrin

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 - Contents under pressure. 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.

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 is for use only with the supplied actuator and injection tubes or other Whitmire equipment. Inject PT 565 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.

4 of 6

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.

Anguomois 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.

Side Panel (cont.)

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.

Copyright, 1987
Whitmire Research Laboratories, Inc.
St. Louis, MO 63122

6/6