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1/2

499-186

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WHITMIRE PRESCRIPTION TREATMENT  
NO 583

WHITMIRE RESEARCH LABORATORIES, INC.  
3568 Tree Court Industrial Blvd.  
St. Louis, MO 63122

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Note that this submission was processed and accepted under current requirements. At such time as re-registration is required or amendments are proposed, the Registration, Re-registration and Classification Procedures, as published in the Federal Register on July 3, 1975, will be applied. Refer to Section 162.23 of that document. Refer also to P.R. Notice 75-1.

Gerald Harrison  
Product Manager (17)  
Insecticide-Rodenticide Branch  
Registration Division (WH-567)

WH-567:IRB:GHarrison:rh:rm 329:WSME

CC: PED

Label No. 18-2583

### DIRECTIONS FOR USE

**FLIES, MOSQUITOES, GNATS, SMALL FLYING MOTHS (ANGOUMOIS, MEDITERRANEAN FLOUR MOTH, CHOCOLATE, AND INDIAN MEAL MOTH):**  
**IN FOGGING EQUIPMENT AND HAND SPRAYERS (SPRAYING DEVICES SIMILAR TO MICRO-SOL MACHINES):**

Dilute one part Prescription Treatment Concentrate 583 plus 19 parts water or oil (6.5 oz. per gallon). Close room and discharge mist vigorously in all parts of room, using 1 to 2 ounces for each 1000 cubic feet of space. Leave room closed for at least fifteen minutes. Ventilate room thoroughly before re-entry. Sweep up and destroy fallen insects. Repeat as necessary for insect control.

**TO KILL FLEAS (INFESTING PREMISES):**

**IN PRESSURIZED TANK SPRAYERS FOR WETTING CONTACT SPRAYS:**

Dilute 1 part PT Concentrate 583 plus 15 parts water or oil (8 oz. per gallon). Remove and destroy animal's bedding and spray sleeping quarters freely, forcing the spray into all cracks in the floor and about the room. Repeat when re-infested.

**TO KILL ROACHES, SILVERFISH, AND WATERBUGS IN SHELTERED SITUATIONS:**

Dilute 1 part PT Concentrate 583 plus 9 parts of water or oil (13 oz. per gallon) and apply to point of run-off into all cracks and crevices in woodwork, underneath sinks, behind pipes, around base of all machines, paying particular attention to dark areas in which roaches and waterbugs infest, contacting as many insects as possible. Repeat the operation as often as necessary for insect control. Do not allow spray to contact any stored food.

**TO KILL CLOTHES MOTHS, CARPET BEETLES:**

Empty closets and dilute 1 part PT Concentrate 583 plus 9 parts water or oil (13 oz. per gallon). Remove clothing for dry cleaning or washing. For carpet beetles thoroughly treat the under sides and edges of carpeting and rugs, along baseboards and under furniture. Interior surfaces of storage containers such as closets, chests, and trunks should be sprayed regularly. The treatment should be repeated every 30 days unless the articles are stored in moth-tight containers.

**TO KILL THE ACCESSIBLE STAGES OF GRANARY WEEVILS, RICE WEEVILS, CONFUSED FLOUR BEETLES, RUST RED FLOUR BEETLES, SAW-TOOTHED GRAIN BEETLES, CADELLES, GRAIN MITES (ACCESSIBLE STAGES), CIGARETTE BEETLES, DRUG STORE BEETLES, AND INDIAN MEAL MOTH, ANGOUMOIS, MEDITERRANEAN FLOUR MOTH, CHOCOLATE MOTH, LARVAE AND ADULTS:**

Dilute 1 part PT Concentrate 583 plus 9 parts water or oil (13 oz. per gallon): wet surfaces thoroughly and treat all infested surface areas, insect runways and hiding places infested by these crawling or immature forms. Pay particular attention to cracks and crevices in floors, walls, and ceilings. Spray thoroughly around and into conveyors and other areas where grainy insects may be found. In homes, destroy and dispose of all grain insect infested food products; in commercial operations, infested industrial stored food products should be fumigated or treated by other effective methods using an approved product intended for this purpose. Spray at the rate of 1 gallon of this material to 1000 square feet of area, or to the point of run-off. For living moths, Angoumois, Mediterranean Flour Moth, Chocolate and Indian Meal Moth treat as for flies, mosquitoes and gnats. See above. Repeat applications as necessary for insect control. Do not apply this spray to surfaces that may come in contact with food; excessive residues in food may result.

**CAUTIONS** Harmful if swallowed. Do not apply directly to food. Cover or remove all food and food processing equipment during application. Do not apply space sprays while food processing is underway. Food processing operations do not have to be stopped while spraying a diluted wet spray with care and in accordance with the directions and cautions above. After spraying in bakeries, and other food processing plants, wash with potable water all equipment, benches, shelving, etc., where exposed food will be handled.

Remove pets and cover fish bowls before spraying. Do not reuse empty container. Containers smaller than drums: destroy by perforating or crushing. Bury or discard in a safe place away from water supplies. Drums: Do not reuse empty drum. Return drum to reconditioner or destroy by perforating or crushing and burying in a safe place away from water supplies. Keep container closed. Do not pour, store or spill near heat or open flame. Oil solutions—don't spray into open flame etc.

Prescription Treatment 583 is not recommended for use in conduits, motor housings, junctions or switch boxes because of shock hazard.

**PRODUCT CODE 02-0583**

**NET: 16 FL. OZ.**



# PRESCRIPTION TREATMENT

## No. 583

### LIQUID PYRETHRIN CONCENTRATE WITH DUAL SYNERGISTS

Mixes with Petroleum Hydrocarbon or water

A Pyrethrin concentrate to be diluted with water or oil and used in institutions, dairies, bakeries, canneries, flour mills, bottling plants, creameries, cheese factories, peanut mills, candy factories, restaurants, hospitals, homes, food storage warehouses, motels, hotels, super markets, utilities, and other industrial establishments.

NOTE: For oil dilutions, use only petroleum hydrocarbon as outlined by the F.D.A. Food Additive Amendment Part 121.1182

NOTE: This spray when applied per label directions and cautions conforms with Food Additive Regulations 121.1074, 121.1075 and 121.1205 and the food additive tolerances established thereunder.

**ACTIVE INGREDIENTS:**

Pyrethrins	1.20%
*Piperonyl butoxide, technical	2.40%
**N-octyl bicycloheptene dicarboximide	3.96%
Petroleum distillate	87.44%
	95.00%
<b>INERT INGREDIENTS</b>	<b>5.00%</b>
	<b>100.00%</b>

\*Consists of 1.92% (butylcarbityl) (6-propylpiperonyl) ether and 0.48% related compounds.

\*\*MGK 264 Insecticide Synergist

E.P.A. Reg. No. 499-186-AA      E.P.A. Est. No. 499-Mo-1

### ENVIRONMENTAL CAUTIONS

This product is toxic to fish. Keep out of lakes, streams or ponds. Do not contaminate water by cleaning of equipment or disposal of wastes. Apply this product only as specified on this label.

**CAUTION:** Keep out of reach of children.  
See side panel for additional cautions.

**ACCEPTED**

SEP 25 1975

Under the Federal Insecticide, Fungicide, and Rodenticide Act, we recommend, for the pesticide registered under Reg. No. 499-186

Manufactured by WHITMIRE RESEARCH LABS., INC., St. Louis, Missouri 63122

6/2