

655-644

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2 FEB 1987

Mr. Richard A. Miller
Prentiss Drug & Chemical Company, Inc.
C.B. 2000
Floral Park, NY 11001

Dear Mr. Miller:

Subject: Prentox Pyronyl Oil Concentrate 1233-A
EPA Registration No. 655-644
Your Application Dated May 30, 1986 and Letter Dated
October 27, 1986

The review of the proposed amendment to the registration of the product cited above to add to the label directions for cockroach control with ULV applicators, directions for contact and surface spray for cockroach control, and an alternate vehicle speed and flow rate for outdoor ground application along with correcting various dilutions on the label, has been completed.

The submitted data do not support the proposed directions for cockroach control with ULV applicators. The report from the University of Connecticut was developed from data derived from treatments done in conjunction with 1.0% diazinon residual sprays. The data from MGK indicate unacceptable control of the sheltered roaches even though the exposure period was for 16 hours (vs. 15 minutes on the proposed label).

While the proposed Directions For Use are not acceptable, the following modified Directions For Use would be acceptable.

1. Delete the term "exposed, accessible" for cockroaches.
2. For cockroaches, increase the dosage to 1 oz per 1000 cu ft.
3. For cockroaches, add the following directions for a directed space spray:

Open all closets, cabinets, drawers, and other potential harborages. Direct spray toward ceiling and upper corners of the area and into, under, and behind obstructions, cabinets, appliances, and furnishings if the equipment

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CONCURRENCES

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and construction of the treatment so allow.
Keep area closed for at least 1 hour before
ventilation.

The proposed directions for a contact and surface spray for control of cockroaches, the alternate vehicle speed and flow rate for outdoor ground application, and the corrected dilution rates are acceptable.

The proposed draft labeling is acceptable subject to the comments listed above and a stamped copy of the draft label is enclosed for your records. Submit five (5) copies of the finished printed label before the product is released for shipment under the amended label.

Sincerely yours,



Arturo E. Castillo
Product Manager (17)
Insecticide-Rodenticide Branch
Registration Division (TS-767C)

Enclosure

prentox®

Pyronyl Oil Concentrate #1233-A

For Use by Trained Personnel Only

Authorized by U.S.D.A. for use in Federally inspected meat and poultry plants.

ACTIVE INGREDIENTS:

Pyrethrins	1.00%
Piperonyl Butoxide Technical*	2.00%
N-Octyl bicycloheptene dicarboximide	3.33%
Petroleum Distillates	93.67%
TOTAL	100.00%

*Consists of 1.60% (butylcarbityl) (6-propylpiperonyl) Ether and 0.40% related compounds.

PRENTOX®—Registered Trademark of Prentiss Drug & Chemical Co., Inc.

Effective in the control of the below-listed insects if the applicator follows the directions for use as set forth in this label:

~~ANGOUMOIS GRAIN MOTHS, ANTS, BOXELDER BUGS, CADELLES, CHEESE MITES, CHEESE SKIPPERS, CIGARETTE BEETLES, CLOVER MITES, CONFUSED FLOUR BEETLES, DARK MEALWORMS, DEER FLIES, DRIED FRUIT BEETLES, DRUGSTORE BEETLES, EARWIGS, FRUIT FLIES (DROSOPHILA), FUNGUS GNATS, GNATS, GRAIN MITES, GRANARY WEEVILS, HORN FLIES, HORNETS, HORSE FLIES, HOUSE FLIES, INDIAN MEAL MOTHS, LICE, MEDITERRANEAN FLOUR MOTHS, MOSQUITOES, MUSHROOM FLIES, RED FLOUR BEETLES, RICE WEEVILS, SAW-TOOTHED GRAIN BEETLES, SMALL FLYING MOTHS, SPIDER BEETLES, STABLE FLIES, TOBACCO MOTHS, WASPS and YELLOW MEALWORMS.~~

NET CONTENTS

LOT #

E.P.A. Reg. No. 655-644

E.P.A. EST. NO. 655-GA-1

KEEP OUT OF REACH OF CHILDREN CAUTION

STATEMENT OF PRACTICAL TREATMENT

If **swallowed** — Call a physician or Poison Control Center immediately. DO NOT INDUCE VOMITING. Vomiting may cause aspiration pneumonia. If **inhaled** — Remove victim to fresh air. If **on skin** — Remove contaminated clothing and wash affected areas with soap and water. If **in eyes** — Flush eyes with plenty of water. Call a physician immediately, if irritation persists.

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

Harmful if swallowed. Avoid breathing vapor. Avoid contact with skin, eyes, or clothing. Wear mask or respirator of type recommended by NIOSH (National Institute for Occupational Safety or Health) to give adequate protection against this material. Wear protective clothing. Wash exposed skin with soap and water after handling and before eating. Wash all contaminated clothing with soap and water, separately from other clothing, before re-use. Do not apply directly to food. In commercial food handling facilities, cover or remove any food and food processing equipment during application. Do not apply while food processing is under way. After space spraying in meat packing plants, wash with potable water all equipment, benches, shelving, etc., where exposed food will be handled. All food processing surfaces and utensils should be covered during treatment or thoroughly washed before use. Remove pets and birds, and cover fish aquariums before spraying.

ENVIRONMENTAL HAZARDS

This product is toxic to fish, birds, and other wildlife. Do not apply directly to water. Do not contaminate water. Disposal of wastes: Apply this product only as specified on this label.

PHYSICAL HAZARDS

Do not use, or store near heat or open flame. Exposure to temperatures above 130° F. may cause bursting.

Manufactured by



prentiss

Drug & Chemical Co., Inc.

Plant: Kaolin Road
Sandersville, GA. 31082
Office: C.B. 2000
Floral Park, N.Y. 11001

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited.

STORAGE: If containers damaged: Stop any leaks by repositioning the container or by tightening or otherwise repairing the leaks. Take care to avoid contact with pesticide and wear protective gear. On cleanup of spilled liquids, wear protective equipment as required to prevent contact with the product or its vapors. Cover the spilled areas with generous amounts of absorbent material such as clay, diatomaceous earth, sand or sawdust. Sweep the contaminated absorbent onto a shovel and put the sweepings it to a salvage drum. Dispose of wastes as below. Place any leaking container into a similar drum or glass container. Do not store, use, pour or spill near heat or open flame.

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.

INDOOR USE AS A SPACE SPRAY UNDILUTED: The use of this product in food processing or food handling establishments should be confined to time periods when the plants or facilities are not in operation. Foods should be removed or covered during treatment. All food processing surfaces should be covered during treatment or thoroughly cleaned before using. Close windows and doors and shut off ventilating systems. Use a fogger or vaporizer adjusted to deliver an aerosol spray (no droplets over 50 microns in diameter and 80% less than 30 microns). Apply at a rate of 1/2 ounce per 1,000 cubic feet of space. Direct the spray toward the ceiling and upper corners of the area behind obstructions. Keep the area closed for at least 15 minutes. Vacate the treated area and ventilate before reoccupying. Repeat treatment as necessary. Sweep up and destroy fallen insects.

This method of application will control exposed, accessible stages of **FLIES** (including FRUIT FLIES); **MOSQUITOES**; **SMALL FLYING MOTHS**; **GNATS**; **WASPS**; **HORNETS**; **CLOVER MITES**; **CHEESE MITES**; **CHEESE SKIPPERS**; **BOXELDER BUGS**; **EARWIGS**; **ANTS** and the following common stored product pests: **GRANARY WEEVILS**; **RICE WEEVILS**; **CONFUSED FLOUR BEETLES**; **SAW-TOOTHED GRAIN BEETLES**; **SPIDER BEETLES**; **CIGARETTE BEETLES**; **DRUGSTORE BEETLES**; **ANGOUMOIS GRAIN MOTHS**; **MEDITERRANEAN FLOUR MOTHS**; **INDIAN MEAL MOTHS**; **TOBACCO MOTHS**; **YELLOW MEALWORMS**; **DARK MEALWORMS**; **GRAIN MITES**; **CADELLES** and **RED FLOUR BEETLES**.

DRIED FRUIT PRODUCTS in storage or being processed, for control of **CONFUSED FLOUR BEETLES**; **DRIED FRUIT BEETLES**; **INDIAN MEAL MOTHS**; and **SAW-TOOTHED GRAIN BEETLES**. Remove and destroy infested products. As noted above, disperse this product as a fine mist in the air above the trays and shelves. Do not apply to fruit directly. Use one-half ounce per 1,000 cubic feet of space. Repeat application at this dosage every given month. Leave the room closed for one hour. Do not remain in treated areas and ventilate the area before re-entry. Sweep up and destroy fallen insects.

STORED FOOD: (Stored in multi-wall bags or cloth bags) in warehouses, storage rooms, flour mills, grain elevators, granaries for control of **ANGOUMOIS GRAIN MOTHS**; **CADELLES**; **CONFUSED FLOUR BEETLES**; **INDIAN MEAL MOTHS**; **MEDITERRANEAN FLOUR MOTHS**; **RICE WEEVILS**; **SAW-TOOTHED GRAIN BEETLES**; **YELLOW MEALWORMS**; **CHEESE MITES**; **CHEESE SKIPPERS**; **CIGARETTE BEETLES**; **GRAIN MITES**; **GRANARY WEEVILS**; **DARK MEALWORMS**; **RED FLOUR BEETLES**. Remove and destroy infested products. As noted above, disperse this product first by directing spray into corners, under pallets, and around stacks of packaged foods hitting as many insects as possible and then treat as a space spray.

Infested stored products should be fumigated or treated by other effective methods using an approved product intended for this purpose. Use a dosage of one-half fluid ounce per 1,000 cubic feet of space. Do not remain in treated areas and ventilate area before re-entry. This application will kill accessible, exposed stages of those stored product pests listed above. Sweep up and destroy fallen insects.

INDOOR USE AS A SPACE SPRAY, DILUTED: For use in conventional mechanical fogging equipment to kill **FLIES**; **FRUIT FLIES**; **MOSQUITOES**; **SMALL FLYING MOTHS**; and **GNATS**. Cover or remove exposed food and food handling surfaces. Close room and shut off all air conditioning or ventilating system equipment. Dilute 1 part concentrate plus 2 parts oil (mineral kerosene) and mix well. Apply at the rate of 1 to 2 fluid ounces per 1,000 cubic feet of space with mist. Keep area closed for at least 15 minutes. Vacate treated area and ventilate before reoccupying. Repeat treatment when reinfestation occurs.

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