

DIRECTIONS FOR USE

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prentox

Pyronyl Oil Concentrate OR-3610A

ONLY FOR SALE TO USE AND STORAGE BY SERVICE PERSONS

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

ACTIVE INGREDIENTS:

Table listing active ingredients: Pyrethrins (3.00%), Piperonyl Butoxide Technical* (6.00%), N-octyl bicycloheptene dicarboximide** (10.00%), Petroleum Distillates (81.00%), TOTAL (100.00%)

*Consists of 4-80% (Butylcarbityl) (6-Propylpiperonyl) Ether and 1-20% related compounds

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

E.P.A. REG. NO. 655-501

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

NET CONTENTS

LOT #

This product is 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 - ROACHES - SAW-TOOTHED GRAIN BEETLES - SMALL FLYING MOTHS - SPIDER BEETLES - STABLE FLIES - TOBACCO MOTHS - WASPS - YELLOW MEALWORMS

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. Irritation persists.

SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS CAUTION

Harmful if swallowed. Keep out of reach of children. Avoid breathing spray mist. Avoid skin and eye contact. Wash thoroughly after handling and before eating or smoking. Do not allow children or pets to contact treated surfaces until spray has dried. Do not use on plants. Do not allow spray to contact food, feedstuffs or water supplies. Thoroughly wash dishes and food handling utensils contaminated with this product. Remove pets and cover fish bowls before spraying.

ENVIRONMENTAL HAZARDS

This product is toxic to fish, birds and other wildlife. Do not apply directly to water. Do not contaminate water by 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 about 130°F may cause bursting.

STORAGE AND DISPOSAL

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

STORAGE: If container is damaged. Stop any leaks by repositioning the container or by patching 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 on to a shovel and put the sweepings in a salvage drum. Dispose of wastes as below. Place any leaking container into a salvage 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 in a sanitary landfill or by other procedures approved by State and local authorities.

DIRECTIONS FOR USE (Cont'd)

INDOOR USE AS A SPACE SPRAY UNDILUTED: The use of this product in food processing or food handling establishments should be limited to short periods when the plants or facilities are not in operation. Facilities should be removed or covered during treatment. A food processing surface should be covered during treatment or thoroughly cleaned before using. Close windows and doors and shut off ventilating systems. Use a ULV spray vaporizer adjusted to deliver an aerosol spray in droplets with a diameter of 1-2 microns and 80% less than 30 microns. Apply at the rate of 1/2 to 1 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 reoccupancy. Repeat treatment as necessary. Sweep up and destroy fallen insects.

CONTACT AND SURFACE SPRAY: For the control of flies, cockroaches, and other insects. Dilute one gallon of finished solution in 200 gallons of water. Adjust to deliver a coarse wet spray. Direct the spray into cracks, crevices, under pallets and around other stored food and bases of machinery, behind shelves and drawers. Spray roaches directly whenever possible. Repeat application as necessary.

DRIED FRUIT PRODUCTS: In storage or being processed for use in confitures, jams, jellies, etc. Confused flour beetles, Indian meal moths, and saw-toothed grain beetles. Remove and destroy infested products. As noted above, direct the spray at the top of the area above the trays and shelves. Do not apply to food directly. Use one half ounce per 1,000 cubic feet of space. Repeat application at the dosage rate every 2-3 weeks. 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, direct 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 not 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 control 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 29 parts of (refined kerosene) and mix well. Apply at the rate of 1 to 2 fluid ounces per 1,000 cubic feet filling the room with mist. Keep area closed for at least 15 minutes. Vacate treated area and ventilate before reoccupying. Repeat treatment when reinfestation occurs.

SURFACE SPRAY: BOXELDER BUGS, LICE, SPIDER BEETLES, etc. (kerosene) and mix approximately 1/2 ounce per gallon of water. Apply to walls, floor and other thoroughly being hidden places. The conveying process the ease of being possible. For in transit, open the cartons or contain. To control INDIAN stored grain apply square feet. Apply continuing until the rate before spray. As a aid in control was ceilings, molds and similar. ANIMAL QUARTERS (houses, roofs) As logging equipment AND GNATS dilute and mix well. Apply above the animals. Flushing the room will treated area and reinfestation occur IN MUSHROOM ROOM FLIES or I concentrate plus 25 of 1 ounce per 1,000 cubic feet. Turned off in racks. Fans should be left on for 100 cubic feet. FOR USE IN FEDI. Dilute one part concentrate in 29 parts of water. Apply in the ULV spray room space. Apply floors underneath shelter. Contact as if exposed to insect. EARWIGS, ANTS, MOTHS AND GNA materials must be destroyed thoroughly. Use as a space spray. OUTDOOR GROUND MOSQUITOES: If apply when there is cool (75° or less) 1 ounce per minute truck mounted keep no more than 300 ft. To control MOSQUITOES of oil and apply at 1 wetting spray to the marshes where most. TEMPORARY NESTS AND SMALL FLYING for outdoor grounds from these pests in theaters, golf courses, areas. Direct applic these pests may for. Application should in addition outside water, drinking food, treating applicatio pests may hover or avoid exposure of. FOR USE ON ANIMALS: HORN FLIES, HOUSE FLIES AND DEER FLIES: concentrate plus 29 concentrate plus 29 mist sufficient to wet FLIES and DEER FLIES per adult animal. su treatment once or to control the mo-cattle, apply the spray animal and repeat 2



Manufactured by prentiss Drug & Chemical Co., Inc.

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

After use, equipment be washed with compound and r water after us

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Pyronyl Oil Concentrate OR-3610A

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ACTIVE INGREDIENTS:

Pyrethrins	3.00%
Piperonyl Butoxide Technical*	6.00%
N-octyl bicycloheptene dicarboximide**	10.00%
Petroleum Distillates	81.00%
TOTAL	100.00%

*Consists of 4 80% (Butylcarbityl) (6-Propylpiperonyl) Ether and 1 20% related compounds

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CAUTION

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PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS CAUTION

Harmful if swallowed. Keep out of reach of children. Avoid breathing spray mist. Avoid skin and eye contact. Wash thoroughly after handling and before eating or smoking. Do not allow children or pets to contact treated surfaces until spray has dried. Do not use on plants. Do not allow spray to contact feedstuffs or water supplies. Thoroughly wash dishes and food handling utensils contaminated with this product. Refrigerate and cover fish tanks before spraying.

ENVIRONMENTAL HAZARDS

This product is toxic to fish, birds and other wildlife. Do not apply directly to water. Do not contaminate water by 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 about 130 F may cause bursting.

SURFACE SPRAY — To assure maximum control of certain insects (ANTS, BOXELDER BUGS, CLOVER MITES, DRUGSTORE BEETLES, EARWIGS, LICE, SPIDER BEETLES) dilute 1 part concentrate plus 29 parts oil (refined kerosene) and mix well. Apply as a coarse wetting spray using approximately 1 gallon of spray mixture to 750 square feet of surface. Spray walls, floor and other surfaces of bins and storage and handling areas thoroughly, being especially careful to treat cracks, crevices and similar hiding places. Treat unloading, handling and processing areas and inside conveying processing and handling equipment. Spray thoroughly around the base of heavy machinery and equipment. Spray insects directly when possible.

For intraspecific control and spray dust beds, cracks and shp hold before loading. Thoroughly treat walls and floors and spray each layer of cartons or containers tightly as stacked.

To control INDIAN MEAL MOTHS and ANGOUMOIS GRAIN MOTHS in stored grain apply to the surface of binned grain at rate of 1 gal on per 1 000 square feet. Apply at monthly intervals with the first appearance of moths and continue until early fall. In case of severe infestation break up webbing with rake before spraying and make a second application in two weeks.

As an aid in control of MOSQUITOES, GNATS, WASPS AND SKIPPERS treat walls, ceilings, moldings, screens, door and window frames, beams, light conduits and similar resting places.

ANIMAL QUARTER USE (Cattle barns, horse barns, poultry houses, swine houses, zoos) — As a space spray diluted for use in conventional mechanical fogging equipment to kill FLIES, MOSQUITOES, SMALL FLYING MOTHS, AND GNATS, dilute 1 part concentrate plus 29 parts oil (refined kerosene) and mix well. Apply at the rate of 2 fluid ounces per 1 000 cubic feet of space above the animals. Direct spray towards the upper portions of the enclosure during the room with mist. Keep area closed for at least 15 minutes. Vacate treated area and ventilate before reoccupying. Repeat treatment when reinfestation occurs.

IN MUSHROOM PRODUCTION AND PROCESSING: To control MUSHROOM FLIES or FUNGUS GNATS in growing houses dilute 1 part of concentrate plus 29 parts Methylene Chloride and mix well and apply at rate of 1 ounce per 1 000 cubic feet of space. Fogger should be operated 8 to 10 feet away from beds and should be directed slightly upward over them. Circulating fans should be left in operation, but for best results refrigeration should be turned off in packaging and canning plants. Use at a rate of one-half ounce per 1 000 cubic feet of space.

FOR USE IN FEDERALLY INSPECTED MEAT AND POULTRY PLANTS: Dilute one part concentrate with 3 parts base oil (refined kerosene) and use with a ULV spraying device at the rate of one ounce per 1 000 cubic feet of room space. Apply the spray into all cracks and crevices in woodwork, walls, floors, underneath rails, behind pipes and in all places where these insects shelter. Contact as many insects as possible. Repeat as necessary for control of exposed or accessible stages of ROACHES, SILVERFISH, WATERBUGS, EARWIGS, ANTS, SPIDERS, FLIES, FRUIT FLIES, MOSQUITOES, SMALL MOTHS AND GNATS. Before using, exposed food products and packaging materials must be covered or removed. ~~Use only in areas where the use of this product is authorized by the U.S. Department of Agriculture.~~

OUTDOOR GROUND APPLICATION UNLIMITED: To control ADULT MOSQUITOES, GNATS AND SMALL FLYING MOTHS. For best results apply where there is a light breeze of approximately 5 mph and temperature is 60° to 75° (or less). With a ULV spraying device spray at a dosage rate of 5 ounces per mille upwind of the area to be controlled. If the equipment is truck-mounted, keep the speed to approximately 5 mph with a swath width of no more than 300 feet.

TEMPORARY REDUCTION OF ANNOYANCE FROM FLIES, MOSQUITOES AND SMALL FLYING MOTHS OUTDOOR: The above mentioned application of ground application will afford temporary reduction of annoyance from these pests in public gathering places (drive-in restaurants, drive-in theaters, golf courses, municipalities, parks, playgrounds and recreational areas). Direct application on tall grass, shrubbery and ground lawns where these pests may hover or rest, apply while a mist still. Avoid wetting foliage. Application should be made prior to attendance. Repeat as necessary.

FOR USE ON ANIMALS: To protect beef and dairy cattle, horse and dogs from HORSE FLIES, HOUSE FLIES, MOSQUITOES AND GNATS dilute 1 part of concentrate plus 29 parts oil (refined kerosene) and mix well. Apply a light mist sufficient to wet the top of the hair. To control STABLE FLIES, HORSE FLIES and DEER FLIES on beef and dairy cattle and horses, apply 2 ounces per adult animal sufficient to wet the hair but not to soak the hair. Repeat treatment once or twice daily or at intervals to give continued protection. To control the mobile stages of BLOOD SUCKING LICE on beef and dairy cattle, apply the spray to thoroughly wet the hair. Use 2 ounces of use per animal and repeat 2 to 3 weeks as required.

After use, equipment and utensils must be washed with an effective cleaning compound and rinsed with potable water after use of the product. 12/83



Manufactured by
prentiss
Drug & Chemical Co., Inc.

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

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APR 24 1984

Mr. Nick Sanchez
Prentiss Drug & Chemical Co. Inc.
C.B. 2000
21 Vernon Street
Floral Park, NY 11001

Dear Mr. Sanchez:

Subject: Pretox Pyronyl Oil Concentrate OR-3610-A
EPA Registration No. 655-501
Your Letter of March 29, 1984

The proposed change in the label is acceptable. Submit five copies of your final printed labeling before you release the product for shipment.

Sincerely yours,

Timothy A. Gardner
Product Manager (17)
Insecticide-Rodenticide Branch
Registration Division (TS-767)

RD/IRB:DCR-40967;Gardner/Schroeder;eg:Raven:557-2226;RD-49:4/18/84;Del.4/30/84

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