



prentox<sup>®</sup>

# Pyronyl Oil Concentrate #12294-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 .....	2.94%
Petroleum Distillates .....	94.06%
<b>TOTAL</b>	<b>100.00%</b>

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

Prentox Pyronyl Oil Concentrate #12294-A is effective in the control of the below-listed insects if the applicator follows the directions for use as set forth in this label.

ANGOUNOUS GRAIN MOTHS — ANTS — BOXELDER BUGS — CADELLES — CHEESE MITES — CHEESE SKIPPERS — CIGARETTE BEETLES — CLOVER MITES — CONFUSED FLOUR BEETLES — DARK MEALWORMS — DEER FLIES — DRIED FRUIT BEETLES — DRUGSTONE 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 — YELLOW MEALWORMS.

**KEEP OUT OF REACH OF CHILDREN  
CAUTION**

E.P.A. Reg. No. 655-885

E.P.A. Est. No. 655-GA-1

### Directions For Use (Cont'd)

**CONTACT AND SURFACE SPRAY.** For the control of roaches, dilute 12 1/2 ounces to make one gallon of finished solution in oil. Use a good sprayer adjusted to deliver a coarse wet spray. Direct the spray into hiding places, cracks and crevices under pallets, around containers of stored foods, around bases of machinery, behind shelves and drawers. Spray roaches directly whenever possible. Repeat application as necessary.

**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 29 parts oil-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.

NET CONTENTS

LOT #



Manufactured by

**prentiss**  
Drug & Chemical Co., Inc.

Plant: 338 Wilson Avenue  
Newark, N.J. 07105  
Office: 363 7th Avenue  
New York, N.Y. 10001

### Directions for Use (Continued)

**SURFACE SPRAY.** To insure maximum control of crawling insects (ANTS, BOXELDER BUGS, CLOVER MITES, DRUGSTONE BEETLES, EARWIGS, LICE, SPIDER BEETLES), dilute 1 part concentrate plus 29 parts oil-refined kerosene and mix well and 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 in transit protection, clean and spray truck beds, boxcars and ship's hold before loading. Thoroughly treat walls and floors and spray each layer of cartons or containers fully as stacked.

To control INDIAN MEAL MOTHS and ANGOUNOUS GRAIN MOTHS in stored grain, apply to the surface of binned grain at a rate of 1 gallon per 1,000 square feet. Apply at monthly intervals with the first appearance of moths and continuing 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 cords 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 1 to 2 fluid ounces per 1,000 cubic feet of space above the animals. Direct spray towards the upper portions of the enclosure 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.

**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 a 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 plus 29 parts oil-refined kerosene and mix well with a U.V. 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 sinks, 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 FLYING MOTHS AND GNATS. Before using, exposed food products and packaging materials must be covered or removed. After use, equipment and utensils must be thoroughly rinsed with potable water before operations are resumed. Use as a space spray only when plant is not in operation.

**OUTDOOR GROUND APPLICATION, UNDILUTED:** To control ADULT MOSQUITOES, GNATS AND SMALL FLYING MOTHS. For best results, apply when there is a light breeze of approximately 5 mph and temperature is cool (75° or less). With a U.V. spraying device spray at a dosage rate of 5 ounces per minute up wind 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.

To control MOSQUITO LARVAE, dilute at the rate of 15 ounces per 50 gallons of oil and apply at the rate of 20 to 25 gallons per acre. Apply as a coarse wetting spray to the border or or shallow water of wet lands, swamps and marshes where mosquito larvae are known to breed.

**TEMPORARY REDUCTION OF ANNOYANCE FROM FLIES, MOSQUITOES AND SMALL FLYING MOTHS OUTDOORS.** The above mentioned application for outdoor 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 into tall grass, shrubbery and around lawns where these pests may hover or rest, apply while air is still. Avoid wetting foliage. Application should be made prior to attendance. Repeat as necessary.

In additional outdoor areas, corrals, feed lots, swine lots and zoos, cover water, drinking fountains and animal feed before use. Fill area with mist directing application into tall grass, shrubbery and around lawns where these pests may hover or rest, apply while air is still. Avoid wetting foliage in zoos. Avoid exposure of reptiles to the product. Repeat as necessary.

**FOR USE ON ANIMALS:** To protect beef and dairy cattle, horse and dogs from HORN FLIES, HOUSE FLIES, MOSQUITOES AND GNATS, dilute 1 part of concentrate plus 29 parts oil-refined kerosene and mix well. Apply at night mist spray to the tips of the hair. To control STABLE FLIES, HORSE FLIES AND GEESE FLIES on beef and dairy cattle and horses, apply 2 ounces per adult animal, sufficient to wet the hair but not to scald the hide. Repeat treatment once or twice daily 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 mix per animal and repeat every 7 days.

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#### PRECAUTIONARY STATEMENTS

##### HAZARD TO HUMANS AND DOMESTIC ANIMALS

CAUTION: HARMFUL IF SWALLOWED. IF INGESTED DO NOT INDUCE VOMITING. CALL A PHYSICIAN AT ONCE. DO NOT APPLY DIRECTLY TO FOOD.

##### ENVIRONMENTAL HAZARDS

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.

#### 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.

**PESTICIDE DISPOSAL.**—Pesticide spray mixture or rinse water that cannot be used according to label instructions must be disposed of according to applicable Federal, state or local procedures.

**CONTAINER DISPOSAL.**—Triple rinse or equivalent. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other approved state and local procedures.

**GENERAL.**—Consult Federal, State or local disposal authorities for approved alternative procedures.

**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 of 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: CRANARY ABEVILS, RICE WEEVILS, CONFUSED FLOUR BEETLES, SAW-TOOTHED GRAIN BEETLES, SPIDER BEETLES, CIGARETTE BEETLES, DRUGSTORE BEETLES, ANGILOMUS GRAIN MOTHS, MEDITERRANEAN FLOUR MOTHS, INDIAN MEAL MOTHS, TOBACCO MOTHS, YELLOW MEALWORMS, DARK MEALWORMS, GRAIN MITES, CADELLES and RED FLOUR BEETLES.

**DRYED FRUIT PRODUCTS.**—In storage or before processing 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 may be given. Do not 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 FOODS.**—Stored in multi-wall bags or cloth bags in a warehouse, storage rooms, flour mills, grain elevators, granaries for control of ANGILOMUS 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, CRANARY ABEVILS, 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 means using an approved product intended for this purpose. Use a dosage of one-half ounce per 1,000 cubic feet of space. Do not remain in treated area 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.