

655-450

4/2/2002

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Prentox Pyronyl Oil Concentrate #3610  
EPA Reg. No. 655-450



# PYRONYL™ OIL CONCENTRATE #3610

For Use by Trained Personnel Only

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

**ACTIVE INGREDIENTS:**

Pyrethrins .....	3.00%
Piperonyl butoxide Technical* .....	6.00%
N-Octyl bicycloheptene dicarboximide .....	10.00%

<b>INERT OTHER INGREDIENTS**:</b> .....	<b>81.00%</b>
<b>TOTAL:</b>	<b>100.00%</b>

\*Consists of 4.80% (Butylcarbityl)(6-Propylpiperonyl) Ether and 1.20% related compounds.

\*\*Contains Petroleum Distillates.

<b>KEEP OUT OF REACH OF CHILDREN</b>	
<b>CAUTION</b>	
<i>FIRST AID</i>	
<i>Have the product container or label with you when calling a poison control center or physician, or going for treatment.</i>	
<b>If swallowed</b>	<ul style="list-style-type: none"> <li>• Immediately call a Poison Control Center, physician, or the National Pesticide Telecommunications Network at 1-800-858-7378.</li> <li>• Do not induce vomiting unless told to do so by the Poison Control Center or physician.</li> <li>• Do not give any liquid to the person.</li> <li>• Do not give anything by mouth to an unconscious or convulsing person.</li> </ul>
<b>If on skin or clothing</b>	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>• Call a Poison Control Center, physician, or the National Pesticide Telecommunications Network at 1-800-858-7378 for treatment advice.</li> </ul>
<b>If in eyes</b>	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>• Call a Poison Control Center, physician, or the National Pesticide Telecommunications Network at 1-800-858-7378 for treatment advice.</li> </ul>
<b>If inhaled</b>	<ul style="list-style-type: none"> <li>• Move person to fresh air.</li> <li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible.</li> <li>• Call a Poison Control Center, physician, or the National Pesticide Telecommunications Network at 1-800-858-7378 for treatment advice.</li> </ul>
<b>NOTE TO PHYSICIAN:</b> Contains petroleum distillate - vomiting may cause aspiration pneumonia.	
For information on this pesticide product (including health concerns, medical emergencies, or pesticide incidents), call the National Pesticide Telecommunications Network at 1-800-858-7378.	
<b>SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS</b>	

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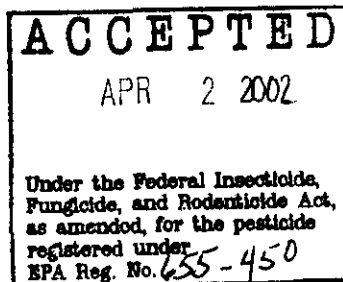
EPA EST. NO. 655-GA-1

**PRETOX®** — Registered Trademark of Prentiss Incorporated      **PYRONYL™** — Trademark of Prentiss Incorporated

Manufactured by:

**PRENTISS INCORPORATED**

Plant: Kaolin Road, Sandersville, GA 31082  
Office: C.B. 2000, Floral Park, NY 11002-2000



**PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS AND DOMESTIC ANIMALS  
CAUTION**

Harmful if swallowed or absorbed through skin. Avoid breathing vapors or spray mist. Avoid contact with skin and eyes. In case of contact, immediately flush eyes or skin with plenty of water. Obtain medical attention if irritation persists. If swallowed, do not induce vomiting. Call a physician immediately. Food should be removed or covered during treatments. All food processing surfaces should be covered during treatment or thoroughly cleaned before use. Do not apply while food processing is underway.

Remove pets, birds and cover fish aquariums before spraying.

**ENVIRONMENTAL HAZARDS**

This product is toxic to fish. For terrestrial uses, do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwater.

**DIRECTIONS FOR USE**

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

**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.

**CONTACT AND SURFACE SPRAY:** For the control of roaches, dilute 4 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.

**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 on-half ounce per 1,000 cubic feet of space. Repeat application at this dosage in any 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 on-half 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 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.

**SURFACE SPRAY:** To insure maximum control of crawling 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 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 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 lightly as stacked.

To control INDIAN MEAL MOTHS and ANGOUMOIS 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 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. **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 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**. Food should be removed or covered during treatments. All food processing surfaces must be covered during treatment or thoroughly cleaned with an effective cleaning compound and rinsed with potable water before reuse. 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 ULV 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 on 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 aforementioned 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. 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 and horses from **HORN 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 tips 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 hide. Repeat treatment once or twice daily or at intervals to give continued protection. To control the motile stages of **BLOOD SUCKING LICE** on beef and dairy cattle, apply the spray to thoroughly wet the hair. Use 2 ounces or less per animal and repeat 2 to 3 weeks as required.

### STORAGE AND DISPOSAL

Do not contaminate water, food, or feed 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 into 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, reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by State and local authorities.