

# Pyronyl™ UL-300 Oil Concentrate

**CONTROLS:** Ants, Confused Flour Beetles, Cockroaches, Flies, Gnats, Granary Weevils, Hornets, Mosquitoes, Rice Weevils, Flying Moths, Wasps, and Other Listed Insect Pests

**FOR USE AS:** Diluted and Undiluted Indoor Spray

**FOR USE IN:** Indoor Cracks and Crevices, Behind Shelves and Drawers and Around Containers of Stored Foods

**RECOMMENDED FOR COMMERCIAL/INDUSTRIAL/INSTITUTIONAL USE**

Authorized by U.S.D.A for use in Federally inspected meat and poultry plants  
Effective in the control of insects listed on this label if the applicator follows the Directions for Use set forth in this label

## SPECIMEN LABEL

**ACTIVE INGREDIENTS:**

Pyrethrins ..... 3%  
Piperonyl Butoxide\* ..... 6%  
N-Octyl Bicycloheptene Dicarboximide ..... 10%

**OTHER INGREDIENTS\*\*:** ..... 81%

**TOTAL:** ..... 100%

\* (butylcarbityl) (6-propylpiperonyl) ether and related compounds  
\*\* Contains Petroleum Distillates

**KEEP OUT OF REACH OF CHILDREN  
CAUTION**

See Additional Precautionary Statements and Directions for Use

EPA Reg.No. 89459-27  
EPA Est. No. 2724-TX-1

**PRECAUTIONARY STATEMENTS**

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

**CAUTION**

Contains petroleum distillates. Harmful if swallowed or absorbed through the skin. Avoid contact with skin or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove contaminated clothing and wash clothing before reuse.

**NOTE TO PHYSICIAN:** Contains petroleum distillate - vomiting may cause aspiration pneumonia.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may contact 1-800-248-7763 for emergency medical treatment information.

**Personal Protective Equipment (PPE):**

Mixers, loaders, applicators, and other handlers must wear the following:

- Long-sleeved shirt,
- Long pants,
- Shoes plus socks

In addition to the above PPE, applicators using a high pressure hand wand in an enclosed area must wear at least a NIOSH-approved respirator with:

- A dust/mist filter with NIOSH approval number prefix TC-21C or
- A cartridge or canister with an R, P, or HE filter

In addition to the above PPE, applicators using hand held foggers in an enclosed area must wear a half-face, full-face, or hood-style NIOSH-approved respirator with:

- A dust/mist filter with NIOSH approval number prefix TC-21C or
- A canister approved for pesticides (NIOSH approval number prefix TC-14G), or
- A cartridge or canister with an R, P, or HE filter

**FIRST AID**

<b>IF SWALLOWED</b>	<ul style="list-style-type: none"> <li>• Immediately call a Poison Control Center or doctor.</li> <li>• Do not induce vomiting unless told to do so by a Poison Control Center or doctor.</li> <li>• Do not give <b>any</b> liquid to the person.</li> <li>• Do not give anything by mouth to an unconscious 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 or doctor for treatment advice.</li> </ul>

### **User Safety Requirements:**

Follow manufacturer's instructions for cleaning/ maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry. Discard clothing and other absorbent materials that have been drenched or heavily contaminated with the product's concentrate. Do not reuse them.

### **ENVIRONMENTAL HAZARDS**

This product is toxic to aquatic organisms, including fish and invertebrates. Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas. This product has the potential to contaminate water through runoff. This product has a potential for runoff for several months or more after application. Poorly draining soils and soils with shallow water tables are more prone to produce runoff that contains this product. Do not apply directly to water, 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 washwaters or rinsate. [Containers greater than 5 gallons] Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

This product is highly toxic to bees exposed to direct treatment on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds while bees are foraging the treatment area.

### **DIRECTIONS FOR USE**

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

#### **USE RESTRICTIONS:**

Remove or cover exposed food and drinking water before application.

Remove or cover dishes, utensils, food processing equipment and food preparation surfaces or wash them before use.

The use of this product as a space spray in food processing or food handling establishments must be confined to time periods when the plant is not in operation.

Do not enter or allow others to enter until sprays have dried and vapors, mists, and aerosols have dispersed, and the treated area has been thoroughly ventilated.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application.

Do not remain in treated area. Exit area immediately and remain outside the treated area until aerosols, vapors and/or mists have dispersed.

Remove pets and birds, and cover fish aquariums before spraying.

For Stored Food: Direct application to food contact surfaces is prohibited.

When used in dairy barns or facilities: Close milk bulk tank lids to prevent contamination from spray and from dead or falling insects.

Remove or cover milking utensils before application.

Wash teats of animals before milking. Do not apply more than one time per day.

Do not use in aircraft cabins.

**INDOOR USE AS A SPRAY UNDILUTED:** 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 0.18 fluid ounce per 1,000 cubic feet of space. Direct the spray toward the ceiling and upper corners of the area behind obstructions. 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 and constructions of the treatment allow. Keep the area closed for at least 1 hour before ventilation. Sweep up and destroy fallen insects.

This method of application will kill exposed, accessible stages of COCKROACHES, 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, to kill CONFUSED FLOUR BEETLES, DRIED FRUIT BEETLES, INDIAN MEAL MOTHS, and SAW-TOOTHED GRAIN BEETLES: Remove and destroy infested products. Do not apply to fruit directly. As noted above, disperse this product as a fine mist in the air above the trays and shelves. Repeat application at this dosage in any given month.

**CONTACT AND SURFACE SPRAY:** To kill cockroaches, dilute 4 ¼ fluid ounces to make one gallon of finished solution in oil. Use a good sprayer adjusted to deliver a coarse, wet spray. Apply at a rate not to exceed 55.8 fl oz per 1,000 sq ft. 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 cockroaches directly whenever possible.

**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: 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.

**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: 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. **SURFACE SPRAY:** To insure maximum kill 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 apply as a coarse wetting spray using approximately

40 fl oz of spray mixture to 750 square feet of surface. Spray walls, floors 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 transit protection, clean and spray truck beds, boxcars, and ships' holds 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 53.7 fl oz per 1,000 square feet. Apply at monthly intervals with the first appearance of moths and continuing until early fall.

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 – (Animals not present): 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 oils (refined kerosene) and mix well. Apply at the rate of 2 fluid ounces per 1,000 cubic feet of space. Direct spray towards the upper portions of the enclosure filling the room with mist.

**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 ½ fluid 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 to kill exposed or accessible stages of COCKROACHES, SILVERFISH, WATERBUGS, EARWIGS, ANTS, SPIDERS, FLIES, FRUIT FLIES, MOSQUITOES, SMALL MOTHS AND GNATS.

## STORAGE AND DISPOSAL

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

**PESTICIDE 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 onto 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:** Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available or reconditioning, if appropriate. Clean container promptly after emptying. **[Containers 5 gallons or less]:** Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with oil used to dilute this product and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. **[Containers greater than 5 gallons]:** Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container ¼ full with oil used to dilute the product. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store for later use or disposal. Repeat this procedure two more times.

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Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded. The Directions for Use of this product must be followed carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Ineffectiveness or other unintended consequences may result because of such factors as manner of use or application, weather, presence of other materials or other influencing factors in the use of the product, which are beyond the control of Central Garden & Pet Company or Seller. All such risks shall be assumed by Buyer and User, and Buyer and User agree to hold Central Garden & Pet Company and Seller harmless for any claims relating to such factors. Central Garden & Pet Company warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use, subject to the inherent risks referred to above, when used in accordance with directions under normal use conditions. This warranty does not extend to the use of this

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