



# Specimen Label

For Application by Trained Personnel Only

- **Effective and fast-acting**
- **Provides flushing action and quick knockdown**
- **For indoor use as a ULV, space, area or contact spray**

KEEP OUT OF REACH OF CHILDREN

## CAUTION

See inside for first aid and precautionary statements.

### ACTIVE INGREDIENTS:

Pyrethrins .....	3.00%
*Piperonyl butoxide, Technical .....	6.00%
**N-Octyl bicycloheptene dicarboximide .....	10.00%
***OTHER INGREDIENTS.....	81.00%
	100.00%

\* Equivalent to 04.8% (butylcarbityl) (6-propylpiperonyl) ether and 01.2% related compounds.

\*\* MGK® 264, Insecticide Synergist

\*\*\* Contains petroleum distillate

### For the control of insects, including:

Almond Moths	Firebrats	Pillbugs
Angoumois Grain Moths	Flat Grain Beetles	Red Flour Beetles
Ants	Fleas	Rice Flour Beetles
Black Flies	Flies	Rice Weevils
Boxelder Bugs	Fruit Flies	Rusty Grain Beetles
Brown Dog Ticks	Fungus Gnats	Saw-toothed Grain Beetles
Cadellles	Gnats	Silverfish
Carpet Beetles	Grain Mites	Skipper Flies
Cereal Beetles	Granary Weevils	Small Flying Moths
Cheese Mites	Hide Beetles	Spiders
Cheese Skippers	Horn Flies	Spider Beetles
Chocolate Moths	Hornets	Stable Flies
Cigarette Beetles	Horseflies	Sowbugs
Clothes Moths	Indian Meal Moths	Ticks
Clover Mites	Khapra Beetles	Ticks that may carry and transmit Lyme disease
Cockroaches	Lesser Grain Beetles	Tobacco Moths
Coffee Bean Weevils	Lesser Grain Borers	Warehouse Beetles
Confused Flour Beetles	Lesser House Flies	Wasps
Crickets	Mediterranean Flour Moths	Waterbugs
Dark Mealworms	Merchant Grain Beetles	Yellow Jackets
Darkling Beetles	Midges	Yellow Mealworms
Deer Flies	Miller Moths	
Dermestid Beetles	Millipedes	
Dried Fruit Beetles	Mosquitoes	
Drugstore Beetles	Flying Moths	
Earwigs	Palmetto Bugs	
Face Flies		

## DIRECTIONS FOR USE

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

### Read all directions completely before use.

Avoid contamination of food or feedstuffs.

Remove pets and birds and cover fish aquariums before spraying.

In Hospitals: Patients should be removed from room prior to treatment. Rooms should be ventilated for two hours after spraying. Do not return patients to room until after ventilation is complete.

### GENERAL:

This concentrate is designed for use undiluted in mechanical sprayers that gives particles of aerosol size. It can be diluted with refined kerosenes, which meet Food Additive Regulation as defined by CFR Title 21, 172.884,

and applied in fogging equipment that give larger than aerosol particle size. It can also be diluted with the oil specified above and applied as a contact spray to kill crawling insects listed later on this label.

Do not apply directly to food. Do not apply while food processing is underway. Foods should be removed or covered during treatment. All food processing surfaces and equipment should be covered or washed with an effective cleaning compound followed by a potable water rinse. In the home all food processing surfaces, dishes and utensils should be covered during treatment or thoroughly washed before use.

**INDOOR AREAS for use in and around but not limited to [such as]:**

Animal Areas and Quarters	Freight Containers	Pool Halls
Animal Shelters	Fruit Packing Sheds	Prisons
Animal Control Centers	Funeral Parlors	Public Storage
Apartments	Garbage Bins	Railroad Cars
Arcades	Garbage Cans	Recreational Vehicles
Attics	Garbage Compactors	Research Animal Quarters
Auditoriums	Garbage Trucks	Restaurants
Bakeries	Gas Stations	Retail Stores
Beverage Plants	Grain Elevators	Rice Mills
Bars	Grain Harvesting and Handling Equipment	Schools
Basements	Garages	Ships
Bathrooms	Grain Mills	Ship Holds
Boats	Granaries	Smoke Shops
Bottling Plants	Grocery Stores	Sports Stadiums
Breweries	Homes	Stables
Brewery Warehouses	Horse Stables and Barns	Storage Bins (areas)
Buildings	Horse Trailers	Stored Food in multi-walled paper or cloth bags
Buses	Hospices	Stores
Cabins	Hospitals	Supermarkets
Cabinets	Hotels	Taverns
Cafeterias	Indoor Eating Establishments	Textile Mills and Warehouses
Campers	Industrial Installations	Theaters
Canneries	Institutional Dining Areas	Tobacco Factories
Churches	Institutions	Tobacco Warehouses
City Missions	Jails	Tool Sheds
Circus Tents	Kennels	Trains
Closets	Laboratories	Transportation Equipment
Club Houses	Laundromats	Trucks
Commercial Buildings	Lavatories	Truck Trailers
Communication Centers	Libraries	Tunnels
Condominiums	Liquor Stores	Utilities
Concession Stands	Locker Rooms	Utility Rooms
Court Houses	Marinas	Vending Machines
Crawl Spaces	Mausoleums	Veterinary Hospitals
Crematoriums	Meat Packing Plants	Wall and Equipment Voids
Day Care Centers	Mess Halls	Warehouses
Delicatessens	Mini-Storages	Washrooms
Department Stores	Mobile Canteens	Wholesale Stores
Diners	Mobile Homes	Wine Cellars
Dog Houses	Morgues	Wineries
Drugstores	Mortuaries	Zoos
Dumpsters	Motels	
Dwellings	Movie Theaters	
Egg Processing Plants	Museums	
Factories	Nursing Homes	
False Ceilings	Office Buildings	
	Other Public Buildings	
	Parking Garages	

**INDOOR USE-UNDILUTED**

**ULV AND SPACE SPRAY:** Use in aerosol generators to kill exposed accessible stages of Flies (including Fruit Flies), Mosquitoes, Small Flying Moths, Fleas, 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. Remove or cover exposed food and food handling surfaces. Close room and shut off all air conditioning or ventilating equipment. Apply at the rate of 1 fluid ounce undiluted concentrate per 1,000 cubic feet of space. Direct spray towards ceiling and upper corners of room. Leave room closed for 1/2 hour and ventilate thoroughly before re-entry. Do not apply this undiluted spray in facilities operating under Federal Meat, Poultry, Shell Egg Grading and Egg Products Inspection Programs.

**CONTACT AND SPACE SPRAY:** To kill Cockroaches, Silverfish, Earwigs, Ants and Spiders, use a mechanical aerosol generator or a fogger. Direct the spray into all cracks and crevices, behind all equipment, cupboards, obstructions, dark harborage areas, walls, floors, underneath sinks, behind pipes and in all places that harbor insects to provide maximum penetration and impingement on the insects. Contact as many insects as possible. Do not allow spray to contact stored food. Then treat as a space spray. Apply at the rate of 1 fluid ounce per 1,000 cubic feet of space. Vacate treated area and leave the room closed for 1/2 hour. Ventilate thoroughly before re-entry. Do not apply this undiluted spray in facilities operating under Federal Meat, Poultry, Shell Egg Grading and Egg Products Inspection Programs.

**NOTE:** If there is a need to treat areas such as conduits, motor housings, junction and switch boxes, or other electrical equipment, turn off electrical equipment prior to application. After application, allow time for oil to dissipate before starting motors or placing switches in the "ON" position.

**TREATMENT OF STORED FOOD AREAS:** Foods in multi-walled bags, cloth bags or other packaging stored in such areas as listed areas for the control of accessible adult stages of, but not limited to, Almond Moths, Angoumois Grain Moths, Ants, Cadelles, Cereal Beetles, Cheese Mites, Cheese Skippers, Chocolate Moths, Cigarette Beetles, Cockroaches, Confused Flour Beetles, Crickets, Dark Mealworms, Drugstore Beetles, Earwigs, Firebrats, Flies, Fruit Flies, Fungus Gnats, Grain Mites, Granary Weevils, Hide Beetles, Indian Meal Moths, Mediterranean Flour Moths, Mosquitoes, Red Flour Beetles, Rice Weevils, Saw-toothed Grain Beetles, Silverfish, Small Flying Moths, Spiders, Spider Beetles, Yellow Mealworms, Dried Fruit Beetles, Warehouse Beetles, Rusty Grain Beetles, Lesser Grain Beetles, Coffee Bean Weevils, Khapra Beetles and other listed pests. Infested stored products should be destroyed, fumigated, or treated by other effective methods using an approved product intended for this purpose. As noted above, disperse first by directing spray into cracks and crevices, corners, pallets and around stacks of packaged goods, hitting as many insects as possible, and then apply as a space spray at a dosage of 1/2 ounces per 1,000 cubic feet of room space. Repeat application as necessary for insect control. Do not remain in treated area and ventilate before re-entry.

**ON PEANUTS, NUTS, BEANS (INCLUDING COCOA), SEEDS, AND COPRA IN BAGS OR OTHER PACKAGING:** For the control of accessible stages of Almond Moths, Angoumois Grain Moths, Ants, Cadelles, Cereal Beetles, Cheese Mites, Cheese Skippers, Chocolate Moths, Cigarette Beetles, Cockroaches, Confused Flour Beetles, Crickets, Dark Mealworms, Drugstore Beetles, Earwigs, Firebrats, Flies, Fruit Flies, Fungus Gnats, Grain Mites, Granary Weevils, Hide Beetles, Indian Meal Moths, Mediterranean Flour Moths, Mosquitoes, Red Flour Beetles, Rice Weevils, Saw-toothed Grain Beetles, Silverfish, Small Flying Moths, Spiders, Spider Beetles, Yellow Mealworms, Dried Fruit Beetles, Warehouse Beetles, Rusty Grain Beetles, Lesser Grain Beetles, Coffee Bean Weevils, Khapra Beetles and other listed insects, apply to the surface of stored or bagged products. Also spray walls, floors, other surfaces, and storage and handling areas thoroughly, being especially careful to treat cracks, crevices and similar hiding places. Then apply as a space spray at the rate of 1/2 ounce per 1,000 cubic feet of space by directing the spray toward the ceiling and upper corners of the area and behind any obstructions.

**Contact and Space Spray - Undiluted Spot Spray - To Kill Cockroaches:** Using an appropriate ULV spraying device, inject the aerosol spray directly into cracks and crevices to completely fill wall, equipment and other small structural void areas. Leave room ventilation or air conditioning equipment on during application. Except in hospitals, as noted above, the room can be reentered immediately after applications are complete.

**INDOOR USE-DILUTED**

**SPACE SPRAY:** For use in mechanical fogging, thermal fogging or spraying equipment to control accessible stages of Almond Moths, Angoumois Grain Moths, Ants, Cadelles, Cereal Beetles, Cheese Mites, Cheese Skippers, Chocolate Moths, Cigarette Beetles, Cockroaches, Confused Flour Beetles, Crickets, Dark Mealworms, Drugstore Beetles, Earwigs, Firebrats, Flies, Fruit Flies, Fungus Gnats, Grain Mites, Granary Weevils, Hide Beetles, Indian Meal Moths, Mediterranean Flour Moths, Mosquitoes, Red Flour Beetles, Rice Weevils, Saw-toothed Grain Beetles, Silverfish, Small Flying Moths, Spiders, Spider Beetles, Yellow Mealworms, Dried Fruit Beetles, Warehouse Beetles, Rusty Grain Beetles, Lesser Grain Beetles, Coffee Bean Weevils, and Khapra Beetles. Remove or cover exposed food and cover food handling surfaces in edible product areas of food handling establishments. Close room and shut off all air conditioning or ventilating equipment. Dilute concentrate with a white mineral oil conforming to Regulation 21 CFR 121.2589(b) or an odorless light petroleum hydrocarbon conforming to 121.1182 at the rate of one part concentrate to two parts oil and mix well. Apply at the rate of 1 fluid ounce per 1,000 cubic feet of space, filling the room with mist. Vacate treated area and ventilate before re-entry. Repeat treatment as necessary.

**SURFACE SPRAY:** To kill accessible stages of Ants, Drugstore Beetles, Earwigs, Cockroaches, Silverfish, Beetles, Boxelder Bugs, Clover Mites, Crickets and other listed insects, dilute in a range of 1 part concentrate plus 2.25 parts suitable diluent to 1 part concentrate plus 29 parts suitable diluent for maintenance, mix well, and apply as a coarse wetting spray using approximately 1 gallon of spray mixture per 750 square feet of surface. To ensure maximum control of listed crawling insects, spray thoroughly into all cracks, molding, crevices, walls, floors, other surfaces and storage and handling areas. Particular attention should be paid to areas where moisture collects such as drains, sinks, water pipes and around the base of heavy machinery and equipment contacting as many insects as possible. Ants: Spray directly into nests, along trails and directly on all ants observed. Repeat as necessary.

**FOR USE IN TRANSIT PROTECTION:** To kill accessible stages of listed insects, clean and spray truck beds, boxcars, ship holds and other listed transit equipment before loading. Thoroughly treat walls and floors. Spray each layer of cartons or containers lightly as stacked. Apply diluted spray at the rate of 1 gallon per 1,000 square feet. To control Indian Meal Worms 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 before spraying and make a second application in two weeks.

**Contact Spray - Diluted for use with sprayers that give large, wetting spray particles to kill Cockroaches and Accessible Stages of Granary Insects:** Cadelles, Confused Flour Beetles, Grain Mites, Granary Weevils, Meal Moth Larvae and Adults, Red Flour Beetles, Rice Weevils and Saw-toothed Grain Beetles. Cover or remove exposed food and close room as described above. Dilute concentrate with oil at the rate of 1 part concentrate plus 29 parts of oil or 4.5 ounces per gallon and mix well. Spray outside walls of grain bins, flooring, about base of milling machinery, walls and baseboards, areas behind cabinets and around pipes, and other insect harborages using 1 gallon spray per 1,000 square feet of space. Force spray into all cracks and crevices.

**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. Dilute concentrate with oil at the rate of 1 part concentrate plus 29 parts oil or 4.5 ounces per gallon and mix well. 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 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.

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## STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage and disposal

**STORAGE:** Store in a cool, dry place. Keep container closed.

**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.

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## PRECAUTIONARY STATEMENTS

### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

## CAUTION

Harmful if absorbed through the skin. Avoid contact with skin, eyes, or clothing. Applicators must wear a long sleeved shirt and long pants, shoes, socks, and chemical resistant gloves, such as nitrile or butyl. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Remove and wash contaminated clothing before reuse. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

#### ENVIRONMENTAL HAZARDS

This product is toxic to fish and other wildlife. Do not apply directly to any body of water. Do not contaminate water when disposing of equipment wash waters or rinsate. 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 local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

#### PHYSICAL OR CHEMICAL HAZARDS

**COMBUSTIBLE:** Do not use or store near heat or open flame. Do not use this product in or on electrical equipment due to the possibility of shock hazard.

**STORED FOOD:** (Stored in multi-wall bags or cloth bags) in flour mills, grain elevators, granaries, storage rooms, and warehouses for control of Angoumois Grain Moths, Cadelles, Cheese Mites, Cheese Weevils, Cigarette Beetles, Confused Flour Beetles, Dark Mealworms, Grain Mites, Granary Weevils, Indian Meal Moths, Mediterranean Flour Moths, Red Flour Beetles, Rice Weevils, Saw-toothed Grain Beetles and Yellow Mealworms: Remove and destroy infested products. Dilute concentrate with oil at the rate of 1 part concentrate plus 29 parts oil or 4.5 ounces per gallon and mix well. Disperse this product first by directing spray into corners, under pallets and around stacks of packaged foods, hitting as many insects as possible. Infested stored products should be fumigated or treated by other effective methods using an approved product intended for this purpose. Treat as a space spray using 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.

**Zoos:** As a space spray diluted for use in conventional mechanical fogging equipment to kill Flies, Gnats, Mosquitoes and Small Flying Moths: dilute 1 part concentrate plus 29 parts oil (refined kerosene) and mix well. Apply at a rate of 2 fluid ounces per 1,000 cubic feet of space above the animals. Direct spray towards 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 Ants, Earwigs, Flies, Fruit Flies, Gnats, Mosquitoes, Silverfish, Small Flying Moths, Spiders and Waterbugs. Before spraying, exposed food products and packaging materials must be covered or removed. After spraying, equipment and utensils must be washed with an effective cleaning compound and rinsed with potable water prior to use. Use as a space spray only when plant is not in operation.

**NOTE:** When using oil as the diluent, an odorless light petroleum hydrocarbon as defined by CFR Title 21, 172.884 should be used for all food area and food related applications. Additionally, when diluted and used according to label directions, this spray will meet specifications for use under Federal meat, poultry, and shell egg grading, and egg products inspection programs.

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## FIRST AID

- IF SWALLOWED:**
- Immediately call a poison control center or doctor.
  - Do not induce vomiting unless told to do so by the poison control center or doctor.
  - Do not give **any** liquid to the person.
  - Do not give anything by mouth to an unconscious person.
- IF ON SKIN**
- Take off contaminated clothing.
- OR CLOTHING:**
- Rinse skin immediately with plenty of water for 15-20 minutes.
  - Call a poison control center or doctor for treatment advice.

**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. For information regarding medical emergencies or pesticide incidents, call 1-888-740-8712.

# **Pyrocide 300**<sup>®</sup>



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