

# Prescription Treatment<sup>®</sup> brand ULD<sup>®</sup> BP-50

## Contact Insecticide

Formula 1

**CONTROLS:** Ants, Angoumois Grain Moths, Cockroaches, Flies, Granary Weevils, Indianmeal Moths Mites, Mosquitoes, Rice Weevils, Spiders

**FOR USE IN AND AROUND:** Animal Areas & Quarters, Bakeries, Cattle Barns, Dairy & Livestock Barns, Egg Processing Plants, Food Handling Establishments, Food Processing Plants, Homes, Industrial Installations, Meat Packing Plants, Milk Rooms, Nursing Homes, Office Buildings, Poultry Houses, Poultry Processing Plants, Restaurants

Designed for Use in Edible Product Areas of Official Establishments Operating Under the Federal Meat, Poultry, Shell Egg Grading and Egg Products Inspection Programs and in Other Food Processing Plants.

See page 2 for additional insects and use sites.

### ACTIVE INGREDIENTS:

Pyrethrins, a botanical insecticide ..... 0.5%  
Piperonyl butoxide, technical\*\* ..... 5.0%

**OTHER INGREDIENTS:** ..... 94.5%

Contains Petroleum Distillate

\* Equivalent to 4.0% (butylcarbityl)(6-propylpiperonyl) ether and 1.0% related compounds

TOTAL: 100.0%

EPA Reg. No. 499-453

KEEP OUT OF REACH OF CHILDREN

CAUTION

ULTRA LOW DOSAGE THROUGH MICRON GENERATION

### FIRST AID

**IF SWALLOWED:** Immediately call a poison control center or doctor for treatment advice. 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 INHALED:** Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control center or doctor for treatment advice.

**IF ON SKIN OR CLOTHING:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 - 20 minutes. Call a poison control center or doctor for further treatment advice.

**IF IN EYES:** Hold eyes open and rinse slowly and gently with water for 15 - 20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eyes. Call a poison control center or doctor for further treatment advice. Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also contact 1-800-225-3320 for emergency medical treatment information.

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

### ENVIRONMENTAL HAZARDS

This product is toxic to fish. Keep out of lakes, streams or ponds. Do not apply where runoff is likely to occur. Do not apply when weather conditions favor drift from areas treated. Do not contaminate water when disposing of equipment washwaters. Apply this product only as specified on this label.

### PHYSICAL OR CHEMICAL HAZARDS

Do not use or store near heat or open flame. Note: Some furniture finishes and particularly plastics can be damaged by petroleum based insecticides. To avoid damage, cover those items and do not spray directly. If in doubt, test by applying this material to an inconspicuous area before spraying.

### DIRECTIONS FOR USE

IT IS A VIOLATION OF FEDERAL LAW TO USE THIS PRODUCT IN A MANNER INCONSISTENT WITH ITS LABELING.

Dependent upon insects to be controlled and the area to be treated, this product may be applied through mechanical aerosol or ULV generators, such as Whitmire Micro-Gen equipment, as well as thermal and conventional fogging or spraying equipment.

**SPACE SPRAY - Indoor:** For control of accessible, exposed stages of flies, including fruit flies, mosquitoes, small flying moths, gnats, wasps, hornets, cheese skippers, and these common stored product pests: granary weevils, rice weevils, confused flour beetles, sawtoothed grain beetles, spider beetles, cigarette beetles, drugstore beetles, angoumois grain moths, mediterranean flour moths, indianmeal moths, tobacco moths, meal worms and grain mites. 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 the rate of 1 ounce per 1,000 cubic feet of space. Direct the spray toward the ceiling and upper corners of the area behind obstructions. For best control of wasps and hornets, apply directly to nests in the evening when the insects have returned to nests. Keep the area closed for at least 15 minutes. Vacate the treated area and ventilate before reoccupying. Repeat treatment as necessary.

**SPACE AND CONTACT SPRAY:** Use full strength or dilute as desired according to dilution table and apply through equipment which can deliver a pin stream spray. For control of accessible exposed stages of silverfish, crickets, roaches, spiders, scorpions, clover mites, cheese mites, earwigs and ants, first using equipment which can deliver a pin stream spray, direct spray in all cracks and crevices in woodwork, walls, floors, underneath sinks, behind pipes and in all places where these insects are known to seek shelter. Contact as many insects as possible, spray directly all ant trails. Do not allow spray to contact stored food. Then, shutting all doors, windows, and shutting off all ventilating systems proceed with space spraying directions as given above. Use a dosage rate of 1 ounce per 1,000 cubic feet of space or if diluted 1 - 2 ounces per 1,000 cubic feet. Keep the area closed for at least 15 minutes. Vacate the treated area and ventilate before reoccupying. Repeat treatment as necessary.

**DILUTION:** Use a white mineral oil conforming to regulation 21 CFR 121.2589(b) or an odorless light petroleum hydrocarbon conforming to 121.1182. Combine oil and BP-50 as directed below and mix well just prior to application.

Pyrethrin % Desired	Mixture Rate	Application Rate per 1,000 cu ft
0.30	3 Part Conc. to 2 Parts Oil	1 - 2 oz
0.15	3 Part Conc. to 7 Parts Oil	1 - 2 oz

### DEEP VOID CRACK & CREVICE<sup>®</sup> APPLICATION

To flush and kill insects harbored in deep voids and behind cracks and crevices.

**SPOT APPLICATION:** With equipment designed for deep void Ultra Low Volume (ULV) applications, follow the manufacturer's recommendations for proper equipment setup and operating pressures. Place the tip of the applicator at or into the crack and crevice to be treated. Apply product in short bursts while keeping tip in position. Allow the air stream to push insecticide deep into voids. Repeat application as necessary to flush insects from voids. Avoid applying to the point of runoff or drip. Ventilate thoroughly before occupants are allowed to reenter.

### PRECAUTIONARY STATEMENTS

#### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**CAUTION:** Harmful if swallowed or absorbed through skin. Causes moderate eye irritation. Avoid contact with eyes, skin or clothing. Prolonged or frequently repeated skin contact may cause allergic reaction in some individuals. Wash thoroughly with soap and water after handling. Do not apply directly to food. Foods should be removed or covered during treatment. All food processing surfaces and equipment should be covered during treatment or washed with an effective cleaning compound followed by a potable water rinse. Do not apply while food processing is underway. In the home, all food processing surfaces, dishes and utensils should be covered during treatment, or thoroughly washed before use. Remove pets, birds, and cover fish aquariums and turn off air pump motor before spraying.



**WHITMIRE MICRO-GEN**  
RESEARCH LABORATORIES, INC.

**NOTE:** This specimen label is for informational purposes only. All uses may not be approved in all states. See labeling which accompanied product for Directions for Use or call 800-777-8570 for more information. For automatic specimen label updates, register at [www.wmmg.com](http://www.wmmg.com).



**LINEAR APPLICATION ALONG BASEBOARDS, TRIM MOLDING, ETC.:** With equipment designed for deep void ULV application, move applicator tip along the crevice to be treated applying a constant burst of insecticide. Move the tip at a steady rate approximately 1 foot per second. Avoid applying to the point of runoff or drip. Repeat application as necessary to flush insects from the void. Ventilate thoroughly before occupants are allowed to reenter.

**FOR USE ON ANIMALS**

To protect beef and dairy cattle and horses from horn flies, house flies, mosquitoes and gnats, 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 oz per adult animal, sufficient to wet the hair but not to soak the hide.

**IN MUSHROOM PROCESSING**

In packing and canning plants, use at a rate of 1 ounce per 2,000 cubic feet of space.

**STORAGE AND DISPOSAL**

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

**PESTICIDE STORAGE:** Store in original container in secured dry storage area. If container is damaged or spill occurs, use product immediately or dispose of product and damaged container as indicated below.

**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:**

**1 gal or 2.5 gal Bottles** - Empty container by using the product in accordance with the label directions. Do not reuse this container! Place empty container in trash or offer for recycling if available. If container is partly filled, call your local solid waste agency or call 1-800-CLEANUP for disposal instructions. NEVER PLACE UNUSED PRODUCT DOWN ANY INDOOR OR OUTDOOR DRAIN!

**55 gal Drum** - 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.

**ULD BP-50 Contact Insecticide is acceptable for use in the following sites:**

**INDOOR:**

- Animal Areas & Quarters
- Auditoriums
- Bakeries
- Beverage Plants
- Boats
- Bottling Plants
- Brandy Storage Warehouses
- Buildings
- Buses
- Cabins
- Canneries
- Cattle Barns
- Churches
- Closets
- Condominiums
- Communication Centers
- Correctional Facilities

- Dairy & Livestock Barns
- Dried Fruit Processing Plants
- Drains & Sewers
- Dried Fruit Warehouses
- Drugstores
- Dumpsters
- Dwellings
- Egg Processing Plants
- Factories
- Flour Mills
- Food Handling Establishments
- Food Processing Plants
- Freight Containers
- Fruit Packing Shed
- Garbage Cans
- Garbage Compactors
- Goat Houses
- Grain Elevators

- Grain Mills
- Grain Handling Equipment
- Granaries
- Homes
- Horse Stables/Barns
- Hospices
- Industrial Installations
- Institutions
- Jails
- Laboratories
- Libraries
- Livestock Barns
- Loafing Sheds
- Locker Rooms
- Mills
- Mausoleums
- Meat Packing Plants
- Milk Rooms

- Missions
- Mobile Homes
- Museums
- Mushroom Processing Plants
- Nursing Homes
- Offices
- Office Buildings
- Passenger Rail Cars
- Peanut Processing Plants
- Peanut Storage Warehouses
- Planes
- Poultry Houses
- Poultry Processing Plants
- Prisons
- Public Buildings
- Rabbit Processing Plants
- Rabbit Houses
- Railroad Cars

- Recreational Vehicles
- Research Animal Areas
- Restaurants
- Restrooms
- Rice Mills
- Shade Houses
- Ships
- Shipholds
- Stables
- Stable Bins
- Stored Food in Multi-walled Paper or Cloth Bags
- Stored Seed Warehouses
- Stores
- Supermarkets
- Swine Houses
- Textile Mills & Warehouses
- Theaters

- Tobacco Plants
- Tobacco Warehouses
- Townhouses
- Trains
- Transportation Equipment
- Trucks
- Truck Trailers
- Utilities
- Utility Rooms
- Voids (Attics, Walls, Ceilings)
- Warehouses
- Wineries
- Wine Storage Warehouses
- Zoos

**ULD BP-50 Contact Insecticide is effective against the following insects when used according to label directions:**

**FLYING INSECTS:**

- Barn Flies
- Bees
- Blow Flies
- Black Flies
- Bottle Flies
- Cheese Skippers
- Deer Flies
- Face Flies
- Flies
- Fruit Flies
- Fungus Gnats
- Gnats
- Horn Flies
- Horse Flies
- Hornets
- House Flies
- Mosquitoes
- Mushroom Flies
- Stable Flies
- Skipper Flies

- Vinegar Flies
- Wasps
- Yellowjackets

**WORMS:**

- Dark Mealworms
- Lesser Mealworms
- Yellow Mealworms

**FLEAS & TICKS:**

- Brown Dog Ticks
- Fleas
- Sheep Ticks
- Spinosa Ear Ticks
- Ticks

**BETLES:**

- American Black Flour Beetles
- Black Fungus Beetles
- Black Carpet Beetles
- Brown Spider Beetles
- Broadhorned Flour Beetles
- Confused Flour Beetles

- Cigarette Beetles
- Carpet Beetles
- Cereal Beetles
- Corn Sap Beetles
- Drugstore Beetles
- Dried Fruit Beetles
- Dermestid Beetles
- Depressed Flour Beetles
- Flat Grain Beetles
- Foreign Grain Beetles
- Fungus Beetles
- Ground Beetles
- Hairy Fungus Beetles
- Hairy Spider Beetles
- Hide Beetles
- Khapra Beetles
- Large Black Flour Beetles
- Longheaded Flour Beetles
- Merchants Grain Beetles
- Mexican Grain Beetles
- Red Flour Beetles

- Red Horned Grain Beetles
- Rusty Grain Beetles
- Sawtoothed Grain Beetles
- Slenderhorned Flour Beetles
- Smalleyed Flour Beetles
- Spider Beetles
- Squarenecked Grain Beetles
- Two Banded Beetles
- Trogoderma Beetles
- White Marked Spider Beetles

**CRAWLING INSECTS:**

- Ants
- Bed Bugs
- Centipedes
- Chiggers
- Cockroaches
- Crickets
- Earwigs
- Firebrats
- Palmetto Bugs
- Fire Ants

- Grasshoppers
- Millipedes
- Pill Bugs
- Scorpions
- Sowbugs
- Silverfish
- Water Bugs

**SPIDERS & MITES:**

- Spiders
- Mites
- Clover Mites
- Cheese Mites
- Grain Mites

**WEEVILS:**

- Bean Weevils
- Broadnosed Grain Weevils
- Coffee Bean Weevils
- Granary Weevils
- Maize Weevils
- Rice Weevils

**MOTHS:**

- Almond Moths
- Augoumois Grain Moths
- Cocoa Bean Moths
- Chocolate Moths
- Clothes Moths
- European Grain Moths
- Indianmeal Moths
- Tobacco Moths
- Meal Moths
- Mediterranean Moths
- Pink Scavenger Caterpillars
- Rice Moths

**GRAIN BORERS:**

- Lesser Grain Borers
- Larger Grain Borers

**A Prescription Treatment® brand insecticide from:**

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