

# 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.

**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.

**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.



**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).**



# ULD® BP-50

**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

#### BEETLES:

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  
Dermeid 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:

Whitmire Micro-Gen Research Laboratories, Inc.  
3568 Tree Court Industrial Blvd.  
St. Louis MO 63122-6682

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