

# Prescription Treatment<sup>®</sup> brand ULD<sup>®</sup> BP-100

## Contact Insecticide

Formula 1

For indoor or outdoor application as a space, area or contact spray. Dependent upon insects to be controlled and the area to be treated, this product may be applied through mechanical aerosol or Ultra Low Volume (ULV) generators, such as Whitmire Micro-Gen equipment, as well as thermal and conventional fogging or spraying equipment.

### CONTROLS:

Angoumois Grain Moths, Ants, Boxelder Bugs, Cadelles, Cheese Mites, Cigarette Beetles, Confused Flour Beetles, Crickets, Earwigs, Fruit Flies, Gnats, Granary Weevils, House Flies, Indianmeal Moths, Mosquitoes, Rice Weevils, Roaches, Spiders, Tobacco Moths, Wasps and Waterbugs

### FOR USE IN AND AROUND:

Restaurants, Cafeterias, Dormitories, Food Service Storage and Preparation Areas, Grocery and Convenience Stores, Hotels, Health Care Facilities, Homes, Motels, Office Buildings, Restaurants, Schools and Universities

See page 2 for additional insects and use sites.

### ACTIVE INGREDIENTS:

Pyrethrins, a botanical insecticide . . . . . 1.00%  
Piperonyl butoxide, technical\* . . . . . 2.00%  
n-Octyl bicycloheptene dicarboximide\*\* . . . . . 2.94%

### OTHER INGREDIENTS:

. . . . . 94.06%

Contains petroleum distillate

\* Consists of 1.6% (butylcarbityl) (6-propylpiperonyl) ether and 0.4% related compounds.

\*\* MGK -264 insecticide Synergist.

TOTAL: 100.00%

EPA Reg. No. 499-452

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. Do not induce vomiting unless told to do so by 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 further 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 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 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 call 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. Remove pets, birds and cover fish aquariums and turn off air pump motor before spraying. In health care facilities, remove patients prior to treatment. Thoroughly ventilate treated area for 2 hours before returning patients.

### 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 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 AND 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.

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 USE

**SPACE APPLICATION - Flying Insects:** Use to kill flies, mosquitoes, gnats and small flying moths. Use full strength or dilute product as desired according to dilution table listed below. Close doors, windows and shut off all ventilating equipment. Then with a mechanical aerosol generator (no droplets over 50 microns in diameter and 80% less than 30 microns) apply undiluted product at a dosage rate of approximately 1 fl oz/1,000 ft<sup>3</sup>

of room space or, when applying diluted product, apply at the rate of 1 - 2 fl oz/1,000 ft<sup>3</sup> of room space. Direct spray toward upper areas of room. Do not remain in treated areas after application, and leave room closed for at least 1 hour. Ventilate thoroughly before occupants are allowed to re-enter. Repeat application as necessary for control.

**DILUTION:** Use a white mineral oil conforming to regulation 21 CFR 178.3620(b), or an odorless light petroleum hydrocarbon conforming to 21 CFR 172.882 or 40 CFR 180.1001(c) & (e). Combine oil and BP-100 as directed below and mix well just prior to application.

Pyrethrin % Desired	Mixture Rate	Application Rate Per 1,000 ft <sup>3</sup>
0.50	1 Part Conc. to 1 Part Oil	1 fl oz
0.30	3 Part Conc. to 7 Parts Oil	1 - 2 fl oz
0.15	3 Part Conc. to 17 Parts Oil	1 - 2 fl oz

### SPACE SPRAY & DIRECTED SPRAY APPLICATION -

**Crawling Insects:** Use to kill roaches, silverfish, waterbugs, earwigs, ants, spiders and beetles in their harborage situations. Use product full strength or diluted as desired and apply through equipment which can deliver a pin stream spray. Direct a pin stream spray into all cracks and crevices in woodwork, walls, floors, underneath sinks, behind pipes and in all places where these insects harbor. Contact as many insects as possible with the spray. Do not allow spray to contact stored food. Then, with a mechanical aerosol generator (no droplets over 50 microns in diameter and 80% less than 30 microns) apply undiluted product at the rate of 1 oz/1,000 ft<sup>3</sup> of space. Close doors, windows and shut off all ventilating equipment before application. Leave room closed for at least 1 hour after application. Do not remain in treated areas and ventilate thoroughly before occupants are allowed to re-enter. Repeat application as required.



**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).



**FEDERALLY INSPECTED MEAT & POULTRY ESTABLISHMENTS:** Apply as a space or directed contact spray for control of flies, mosquitoes, gnats, small flying moths, roaches, silverfish, waterbugs, earwigs, ants and spiders in establishments operating under the Federal meat, poultry, shell egg grading and egg products inspection program. Do not apply while food processing is underway. All food processing surfaces and equipment should be covered or washed with an effective cleaning compound followed by a potable water rinse after application and before processing resumes. Close doors, windows and shut off all ventilating equipment prior to application. When using ULV (Ultra Low Volume) equipment, such as Whitmire Micro-Gen ULV fogging equipment, adjust it to deliver aerosol droplets (30 microns or less) and apply 1 oz/1,000 ft<sup>2</sup> of space. Leave room closed for at least 1 hour after application and ventilate before occupants are allowed to re-enter.

**DEEP VOID CRACK & CREVICE® 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 set up 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 re-enter.

**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 of approximately 1 ft/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 re-enter.

**OUTDOOR USE**

**OUTDOOR GROUND FOGGING APPLICATION:** Use to kill flies, mosquitoes and gnats in open areas near buildings and in campgrounds. Use preferably at a time when temperature is cool (75°F or less) and the wind velocity is approximately 5 mph or less.

**HANDHELD EQUIPMENT:** When using equipment such as Whitmire Micro-Gen ULV equipment, apply at the rate of 4.0 fl oz/acre. Figure application travel path for a coverage of a 50 ft swath. Allow spray drift to penetrate dense foliage. Repeat application as required for control.

**TRUCK MOUNTED EQUIPMENT:** When using Whitmire Micro-Gen or similar truck mounted ULD equipment, spray at a dosage rate of 15 fl oz/minute from a location up-wind of the areas where insects are to be controlled. Keep speed of vehicle to approximately 5 mph. Figure application travel path for a coverage of a 300 ft swath. Repeat application as required for control.

**FOR USE ON ANIMALS**

Dilute 1 part concentrate to 1 part oil and mix well. To control horn flies, house flies, mosquitoes and gnats around beef and dairy cattle and horses, 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/adult animal, sufficient to wet the hair but not to soak the hide. Repeat treatment once or twice daily or at sufficient 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 fl oz or less/animal and repeat every 2 - 3 weeks as required.

**STORAGE AND DISPOSAL**

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

**STORAGE:** Store in a secured dry storage area.

**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:**

≤ 2.5 gal: 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!

> 2.5 gal: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in sanitary landfill, or by other procedures approved by state and local authorities.

In addition to sites listed on other panel ULD BP-100 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 Sheds
- 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 Plant

- Peanut Storage Warehouses
- 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 Multiwall 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

**OUTDOOR:**

- Campgrounds
- Corrals
- Drive-in Restaurants
- Drive-in Theaters
- Dumpsters
- Fedlots
- Garbage Dumps
- Golf Courses
- Junkyards
- Kennels
- Landscapes
- Lath Houses
- Manure Piles
- Parks
- Plantscapes
- Playgrounds
- Recreational Areas
- Sewers
- Swineyards
- Zoos

ULD BP-100 Insecticide is also effective against the following insects when used according to label directions:

**FLYING INSECTS:**

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

- Vinegar Flies
- Whiteflies
- Yellowjackets

**GRAIN BORERS:**

- Lesser Grain Borers
- Larger Grain Borers

**CRAWLING INSECTS:**

- Bed Bugs
- Book Lice
- Cabbage Loopers
- Cabbage Worms
- Centipedes
- Chiggers
- Chrysanthemum Leaf Miners
- Crickets
- Fire Ants
- Firebrats
- Grasshoppers
- Mealy Bugs
- Millipedes

**Palmetto Bugs**

- Pillbugs
- Scorpions
- Sowbugs
- Vegetable Leaf Miners

**FLEAS & TICKS:**

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

**SPIDERS & MITES:**

- Clover Mites
- Cheese Mites
- Grain Mites
- Mites
- Red Spider Mites
- Spider Mites
- Spiders

**LICE:**

- Moulting Stages of Yellow Lice & Sucking Blue Lice

**WORMS:**

- Dark Mealworms
- Lesser Mealworms
- Yellow Mealworms

**BETTER:**

- American Black Flour Beetles
- Black Fungus Beetles
- Black Carpet Beetles
- Broadhorned Flour Beetles
- Brown Spider Beetles
- Carpet Beetles
- Catorama Beetles
- Cereal Beetles
- Corn Sap Beetles
- Darkling Beetles
- Depressed Flour Beetles
- Dermostid Beetles

- Dried Fruit Beetles
- Drugstore 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
- Murmidius Beetles
- Red Flour Beetles
- Red Horned Grain Beetles
- Rusty Grain Beetles
- Sawtooth Grain Beetles
- Slenderhorned Flour Beetles
- Smalleyed Flour Beetles

- Spider Beetles
- Squarenecked Grain Beetles
- Trogoderma Beetles
- Two Banded Beetles
- White Marked Spider Beetles

**WEEVILS:**

- Bean Weevils
- Broadnosed Grain Weevils
- Coffee Bean Weevils
- Maize Weevils

**MOTHS:**

- Almond Moths
- Chocolate Moths
- Clothes Moths
- Cocoa Bean Moths
- European Grain Moths
- Mediterranean Moths
- Pink Scavenger Caterpillars
- Rice Moths

**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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