

# 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 killed 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.

**KILLS:** Ants, Angoumois Grain Moths, Box Elder Bugs, Cadelles, Cheese Mites, Cigarette Beetles, Confused Flour Beetles, Crickets, Earwigs, Fruit Flies, Gnats, Granary Weevils, House Flies, Indian Meal Moths, Mosquitoes, Roaches, Rice Weevils, Spiders, Tobacco Moths, Water Bugs and Wasps

**FOR USE IN:** Restaurants, Cafeterias, Food Service Storage and Preparation Areas, Grocery and Convenience Stores, Motels, Homes, Hotels, Health Care Facilities, Schools, Universities, Apartments, Dormitories and Office Buildings.

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%        |
| <b>TOTAL:</b> | <b>100.0%</b> |

Contains Petroleum Distillate

\* 1 gallon contains 0.066 lb of pyrethrins

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

\*\*\* MGK-264 Insecticide Synergist

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 min. 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 min. Remove contact lenses, if present, after the first 5 min 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 1-800-832-HELP 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, and before eating, drinking, chewing gum or using tobacco. Remove and wash contaminated clothing before reuse.

#### ENVIRONMENTAL HAZARDS

This product is highly toxic to fish. Do not contaminate bodies of water when disposing of equipment rinsate or wash waters.

**TERRESTRIAL USES:** Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Drift from treated areas may be hazardous to organisms in adjacent aquatic sites. Do not contaminate water when disposing of equipment wash waters.

**WIDE-AREA MOSQUITO CONTROL APPLICATIONS BY GROUND OR AERIAL EQUIPMENT:** Runoff from treated areas or deposition of spray droplets into a body of water may be hazardous to fish. Before making the first application in a season, it is advisable to consult with the state or tribal agency with primary responsibility for pesticide regulation to determine if other regulatory requirements exist. Do not apply over bodies of water (lakes, rivers, permanent streams, natural ponds, commercial fish ponds, swamps, marshes or estuaries) except when necessary to target areas where adult mosquitoes are present, and weather conditions will facilitate movement of applied material away from the water in order to minimize incidental deposition into the water body.

Do not apply to blooming crops or weeds when bees are visiting the treatment area, except when applications are made to prevent or control a threat to public and/or animal health determined by the state, tribal or local health or vector control agency on the basis of documented evidence of disease caus-

ing agents in vector mosquitoes or the occurrence of mosquito-borne disease in animal or human populations, or if specifically approved by the state or tribe during a natural disaster recovery effort.

#### 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.**

#### Use Restrictions

- Apply this product only as specified on this label.
- Do not remain in treated area.
- Do not allow adults, children, or pets to enter until treated area has been thoroughly ventilated.
- Do not apply directly to food.
- Remove or cover all food and water in the treatment area before use.
- Remove or cover dishes, utensils, food processing equipment and food preparation surfaces in the treatment area before use or wash them thoroughly after ventilation of treated area.
- Cover all food processing surfaces and equipment in the treatment area or wash with an effective cleaning compound followed by a potable water rinse after use of this product.
- Remove pets and birds, cover fish aquariums and turn off air pump motor before application.
- In health care facilities, remove patients prior to treatment and thoroughly ventilate treated area for 2 hrs before returning patients.

#### INDOOR USE

**SPACE APPLICATION: Flying Insects:** Flies, Gnats, Mosquitoes 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. Apply as space spray using a mechanical aerosol generator (no droplets > 50 microns in diameter and 80% < 30 microns) apply undiluted product at a dosage rate of approx. 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 hr. Ventilate thoroughly before occupants are allowed to reenter. Reapply once/day if retreatment is necessary.

#### 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 180.910 (Inert ingredients used pre and post-harvest; exemptions from the requirement of a tolerance), and 180.930 (Inert ingredients applied to animals; exemptions from the requirement of a tolerance.) Combine oil and concentrate as directed below and mix well just prior to application.

| Pyrethrin % | Application                  |              |
|-------------|------------------------------|--------------|
|             | Desired                      | Mixture Rate |
| 0.50        | 1 Part Conc. to 1 Parts Oil  | 1 fl oz      |
| 0.30        | 1 Part Conc. to 7 Parts Oil  | 1 - 2 fl oz  |
| 0.15        | 1 Part Conc. to 17 Parts Oil | 1 - 2 fl oz  |

#### SPACE SPRAY & DIRECTED SPRAY APPLICATION - Crawling

**Insects:** Ants, Beetles, Earwigs, Roaches, Silverfish, Spiders and Water Bugs. Kills insects in 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. Apply as space spray using a mechanical aerosol generator (no droplets > 50 microns in diameter and 80% < 30 microns) apply undiluted product at the rate of 1 fl 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 hr after application. Do not remain in treated areas and ventilate thoroughly before occupants are allowed to reenter. Reapply once/day if retreatment is necessary.

#### FEDERALLY INSPECTED MEAT & POULTRY ESTABLISHMENTS:

Ants, Earwigs, Flies, Gnats, Mosquitoes, Roaches, Silverfish, Small Flying Moths, Spiders and Water Bugs. Apply as a space or directed contact spray 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) and apply 1 fl oz/1,000 ft<sup>3</sup> of space. Leave room closed for at least 1 hr after application and ventilate before occupants are allowed to reenter. Reapply once/day if retreatment is necessary.

**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. Reapply once/day if retreatment is necessary. Avoid applying to the point of runoff or drip. Ventilate thoroughly before occupants are allowed to reenter.

**LINEAR APPLICATION ALONG BASEBOARDS, TRIM MOLDING, OTHER CRACKS & CREVICES AND DEEP VOIDS:** 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 approx. 1 ft/sec. Avoid applying to the point of runoff or drip. Reapply once/day if retreatment is necessary. Ventilate thoroughly before occupants are allowed to reenter.

#### 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) and the wind velocity is approx. ≤ 5 mph.

**HANDHELD EQUIPMENT:** When using equipment such as Whitmire Micro-Gen ULV equipment, apply at the rate of 4 fl oz/acre. Figure application travel path for a coverage of a 50 ft swath. Allow spray drift to penetrate dense foliage. Repeat application 2 times/week.

For wide area community applications, see the Wide Area Mosquito Control section for appropriate Directions for Use.

**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.

# ULD® BP-100

## FOR USE ON ANIMALS

Dilute 1 part concentrate to 1 part oil and mix well. To control gnats, horn flies, houseflies, mosquitoes and around beef, dairy cattle and horses, apply a light mist sufficient to wet the tips of the hair. To control deer flies, horse flies and stable flies on beef, dairy cattle and horses, apply 2 fl oz/adult animal, sufficient to wet the hair but not to soak the hide. To control the mottle stages of blood sucking lice on beef and dairy cattle, apply the spray to thoroughly wet the hair. Use  $\leq$  2 fl oz/animal and repeat every 2 - 3 weeks as required. **Do not use on dogs or cats.**

### Use Restrictions

- Do not apply more than 1 time/day.
- Do not reapply within 1 day.
- Do not remain in treated area.
- Do not allow unprotected persons to enter until treated area has been thoroughly ventilated.

## STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal. **PESTICIDE STORAGE:** Store in a secured, dry storage area.

**PESTICIDE DISPOSAL:** Wastes resulting from the use of this product may be disposed of on site in accordance with label directions or at an approved waste disposal facility.

**CONTAINER DISPOSAL:** Nonrefillable container. Do not reuse or refill this container! Empty container by using the product according to the label directions. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 sec. Stand the container on its end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure 2 more times. Place empty, triple rinsed container in trash or offer for recycling if available. If container is partly filled, call your local solid waste agency for disposal instructions. **NEVER PLACE UNUSED PRODUCT DOWN ANY INDOOR OR OUTDOOR DRAIN!**

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In addition to sites listed previously, this product is acceptable for use in the following sites:

|   |   |
|---|---|
| <p><b>INDOOR:</b><br/>Animal Areas &amp; Quarters<br/>Auditoriums<br/>Bakeries<br/>Beverage Plants<br/>Boats<br/>Bottling Plants<br/>Brandy Storage Warehouses<br/>Buildings<br/>Buses<br/>Cabins<br/>Canneries<br/>Cattle Barns<br/>Churches<br/>Closets<br/>Condominiums<br/>Communication Centers<br/>Correctional Facilities<br/>Dairy &amp; Livestock Barns<br/>Dried Fruit Processing Plants<br/>Drains &amp; Sewers<br/>Dried Fruit Warehouses<br/>Drugstores<br/>Dumpsters<br/>Dwellings<br/>Egg Processing Plants<br/>Factories<br/>Flour Mills<br/>Food Handling Establishments<br/>Food Processing Plants<br/>Freight Containers<br/>Fruit Packing Sheds<br/>Garbage Cans<br/>Garbage Compactors<br/>Goat Houses<br/>Grain Elevators<br/>Grain Mills<br/>Grain Handling Equipment<br/>Granaries<br/>Homes<br/>Horse Stables/Barns<br/>Hospices<br/>Industrial Installations<br/>Institutions<br/>Jails<br/>Laboratories<br/>Libraries<br/>Livestock Barns<br/>Loafing Sheds<br/>Locker Rooms<br/>Mills<br/>Mausoleums<br/>Meat Packing Plants<br/>Milk Rooms<br/>Missions<br/>Mobile Homes<br/>Museums<br/>Mushroom Processing Plants<br/>Nursing Homes<br/>Offices<br/>Office Buildings<br/>Passenger Rail Cars</p> | <p>Peanut Processing Plants<br/>Peanut Storage Warehouses<br/>Poultry Houses<br/>Poultry Processing Plants<br/>Prisons<br/>Public Buildings<br/>Rabbit Processing Plants<br/>Rabbit Houses<br/>Railroad Cars<br/>Recreational Vehicles<br/>Research Animal Areas<br/>Restaurants<br/>Restrooms<br/>Rice Mills<br/>Shade Houses<br/>Ships<br/>Shipholds<br/>Stables<br/>Stable Bins<br/>Stored Food in Multiwall Paper or Cloth Bags<br/>Stored Seed Warehouses<br/>Stores<br/>Supermarkets<br/>Swine Houses<br/>Textile Mills &amp; Warehouses<br/>Theaters<br/>Tobacco Plants<br/>Tobacco Warehouses<br/>Townhouses<br/>Trains<br/>Transportation Equipment<br/>Trucks<br/>Truck Trailers<br/>Utilities<br/>Utility Rooms<br/>Voids (Attics, Walls, Ceilings)<br/>Warehouses<br/>Wineries<br/>Wine Storage Warehouses<br/>Zoos</p> <p><b>OUTDOOR:</b><br/>Campgrounds<br/>Corrals<br/>Drive-in Restaurants<br/>Drive-in Theaters<br/>Dumpsters<br/>Feedlots<br/>Garbage Dumps<br/>Golf Courses<br/>Junkyards<br/>Kennels<br/>Landscapes<br/>Lath Houses<br/>Manure Piles<br/>Parks<br/>Plantscapes<br/>Playgrounds<br/>Recreational Areas<br/>Sewers<br/>Swineyards<br/>Zoos</p> |
|---|---|

This product 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
- Horse Flies

- Mushroom Flies
- Skipper Flies
- Stable Flies
- Thrips
- Vinegar Flies
- Whiteflies
- Yellowjackets

### GRAIN BORERS:

- Larger Grain Borers
- Lesser 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

### FEAS & TICKS:

- Brown Dog Ticks
- Fleas
- Sheep Ticks
- Spinous Ear Ticks
- Ticks

### SPIDERS & MITES:

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

### LICE:

- Cattle Lice
- Moulting Stages of Yellow Lice & Sucking Blue Lice

### WORMS:

- Dark Mealworms
- Lesser Mealworms
- Yellow Mealworms

### BEELES:

- 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
- Darling Beetles
- Depressed Flour Beetles
- Dermeidid 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
- Murmidium 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
- Broadhosed 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

80 applications/year. No more than 10 applications should be made to a site in any 2 weeks. More frequent treatments may be made to prevent or control a threat to public and/or animal health determined by a state, tribal or local health or vector control agency on the basis of documented evidence of disease causing agents in vector mosquitoes or the occurrence of mosquito-borne disease in animal or human populations, or if specifically approved by the state or tribe during a natural disaster recovery effort.

**GROUND-BASED:** To control adult mosquitoes and biting flies, apply up to 0.0025 lb of pyrethrins/acre. Spray equipment must be adjusted so that the volume median diameter is  $<$  20 microns (Dv 0.5  $<$  20  $\mu$ m) and that 90% of the spray is contained in droplets  $<$  50 microns (Dv 0.9  $<$  50  $\mu$ m). Directions from the equipment manufacturer or vendor, pesticide registrant or a test facility using a laser-based measurement instrument must be used to adjust equipment to produce acceptable droplet size spectra. Application equipment must be tested at least annually to confirm that pressure at the nozzle and nozzle flow rate(s) are properly calibrated.

**TRUCK-MOUNTED ULV APPLICATION:** Apply up to 0.0025 lb of pyrethrins/acre while the machine is traveling 5 - 20 mph. The nozzle should be positioned approximately 30° above the horizontal off the side of the truck bed. The delivery rate and truck speed may be varied as long as the application rate is 0.0025 lb of pyrethrins/acre (use a 300 ft swath width for acreage calculations). When using Whitmire Micro-Gen or similar truck mounted ULV equipment, spray at a dosage rate prescribed in the flow rate table from a location up-wind of the areas where insects are to be controlled. Keep speed of vehicle to approx. 5 - 20 mph. Figure application travel path for a coverage of a 300 ft swath. Apply no more than 0.0025 lb of pyrethrins/acre each day.

### FLOW RATE For Maximum Delivery 300 ft swath

| Vehicle Speed | Pyrethrins % Desired<br>fl oz/min | Pyrethrins % Desired<br>fl oz/min |
|---------------|-----------------------------------|-----------------------------------|
| 5 mph         | 14.00                             | 28.00                             |
| 10 mph        | 28.00                             | 56.00                             |
| 20 mph        | 56.00                             | 112.00                            |

**HANDHELD AND BACKPACK EQUIPMENT:** When using equipment such as Whitmire Micro-Gen ULV equipment, apply at the rate of up to 1.33 fl oz/acre, undiluted, in a 30 ft swath. Allow spray drift to penetrate dense foliage. Apply at no more than 0.0025 lb pyrethrins/acre 5 times/week. When used in cold aerosol generators, mechanical or electronic foggers, or misting equipment that produce a fog with the majority of droplets in the 5 - 50 micron range, dilute with light mineral oil (specific gravity of approximately 0.8 at 60°F, boiling point: 500 - 840°F). An N.F. grade oil is preferred.

### AERIAL APPLICATION (FIXED WING AND HELICOPTER):

To control adult mosquitoes and biting flies, apply up to 0.0025 lb of pyrethrins/acre with equipment designed and operated to produce a ULV spray application. Spray equipment must be adjusted so that the volume median diameter is  $<$  40 microns (Dv 0.5  $<$  40  $\mu$ m) and that 90% of the spray is contained in droplets  $<$  115 microns (Dv 0.9  $<$  115  $\mu$ m). The effects of flight speed and, for non-rotary nozzles, nozzle angle on the droplet size spectrum must be considered. Directions from the equipment manufacturer or vendor, pesticide registrant or a test facility using a wind tunnel and laser-based measurement instrument must be used to adjust equipment to produce acceptable size spectra. Application equipment must be tested at least annually to confirm that pressure at the nozzle and nozzle flow rate(s) are properly calibrated.

### CONDITIONS OF SALE AND WARRANTY

Follow the **Directions for Use**. It is impossible to eliminate all risks inherently associated with use of this product, and therefore all such risk shall be assumed by the Buyer. Whitmire warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the **Directions for Use**, subject to the inherent risks, referred to above. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW: (A) WHITMIRE MAKES NO OTHER WARRANTIES EXPRESS OR IMPLIED, INCLUDING WARRANTIES OF FITNESS FOR PARTICULAR PURPOSE OR MERCHANTABILITY, (B) BUYER'S EXCLUSIVE REMEDY AND WHITMIRE'S AND SELLER'S EXCLUSIVE LIABILITY, WHETHER IN CONTRACT, TORT, NEGLIGENCE, STRICT LIABILITY, OR OTHERWISE, SHALL BE LIMITED TO REPAYMENT OF THE PURCHASE PRICE OF THE PRODUCT, AND (C) WHITMIRE AND THE SELLER DISCLAIM ANY LIABILITY FOR CONSEQUENTIAL, INCIDENTAL, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT. Whitmire and the Seller offer this product, and the Buyer accepts it, subject to these **Conditions of Sale and Warranty** which may be varied only by agreement in writing signed by a duly authorized representative of Whitmire.

Manufactured for:  
Whitmire Micro-Gen Research Laboratories, Inc.®  
by BASF Corporation  
3568 Tree Court Industrial Blvd.  
St. Louis MO 63122-6682  
Questions? Call 1-800-777-8570

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## WIDE AREA MOSQUITO CONTROL

For wide area community applications by ground or aerial equipment, Ultra Low Volume (ULV) sprays or fogs.

**For use only by federal, state, tribal or local government officials responsible for public health or vector control or by persons certified in the appropriate category or otherwise authorized by the state or tribal lead pesticide regulatory agency to perform adult mosquito control applications or by persons under their direct supervision.**

### DIRECTIONS FOR USE

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

#### OUTDOOR USE - MOSQUITO CONTROL

Use at 0.5% to 1.0% dilution.

**RESTRICTIONS:** Do not apply more than 0.2 lb Pyrethrins Al/acre/year and 2.0 lb Piperonyl Butoxide Al/acre/year respectively in any treated area. More frequent treatments may be made to prevent or control a threat to public and/or animal health determined by a state, tribal, or local health or vector control agency on the basis of documented evidence of disease causing agents in vector mosquitoes or the occurrence of mosquito-borne disease in animal or human populations, or if specifically approved by the state or tribe during a natural disaster recovery effort.

**OUTDOOR GROUND FOGGING APPLICATION:** Use to kill mosquitoes in open areas near buildings and in campgrounds. Use preferably at a time when temperature is cool ( $\leq$  75°F) and the wind velocity is approx.  $\leq$  5 mph.

**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 180.910 (Inert ingredients used pre and post-harvest; exemptions from the requirement of a tolerance), and 180.930 (Inert ingredients applied to animals; exemptions from the requirement of a tolerance). Combine oil and concentrate as directed below and mix well just prior to application. Product may be applied diluted or undiluted.

| Pyrethrins % Desired | Mixture Rate                  | Fluid Ounces of Diluted Product Delivers 0.0025 lb Pyrethrins/Acre |
|----------------------|-------------------------------|--|
| 1.00%                | Undiluted                     | 4.8 fl oz  |
| 0.50%                | 1 Part Conc. to 1 Part Oil    | 9.7 fl oz  |
| 0.30%                | 3 Parts Conc. to 7 Parts Oil  | 16.1 fl oz   |
| 0.25%                | 1 Part Conc. to 3 Parts Oil   | 19.4 fl oz   |
| 0.15%                | 3 Parts Conc. to 17 Parts Oil | 32.2 fl oz   |
| 0.10%                | 1 Part Conc. to 9 Parts Oil   | 48.5 fl oz   |

This product may be used for mosquito control programs involving residential, industrial, recreational, and agricultural areas as well as swamps, marshes, overgrown waste areas, roadsides and pastures where adult mosquitoes occur. This product may be used over agricultural crops. For best results, apply when temperature is  $\geq$  50°F, when meteorological conditions create a temperature inversion and wind speed is  $>$  1 mph. The application should be made so the wind will carry the insecticidal fog into the area being treated. Do not apply more than once/day at a rate of 0.0025 lb/acre/day for a maximum of

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