

Prescription Treatment[®] brand ULD[®] 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 Micro-Gen equipment, as well as thermal and conventional fogging or spraying equipment.

CONTROLS: Roaches, Ants, Waterbugs, Spiders, Earwigs, Boxelder Bugs, House Flies, Crickets, Fruit Flies, Gnats, Wasps, Mosquitos, Cadelles, Confused Flour Beetles, Cheese Mites, Cigarette Beetle, Granary Weevils, Indian Meal Moths, Angoumois Grain Moths, Tobacco Moths, Rice Weevils.

FOR USE IN: Restaurants, Cafeterias, Food service storage and preparation areas, Grocery and convenience stores, Motels, Hotels, Health care facilities, Schools, Universities, Apartments, Dormitories and Office Buildings.

ACTIVE INGREDIENTS:

Pyrethrins	1.00%
Piperonyl butoxide, technical*	2.00%
N-octyl bicycloheptene dicarboximide	2.94%

INERT INGREDIENTS:

Contains Petroleum Distillate	94.06%
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*Consists of 1.60% (butylcarbityl) (6-propylpiperonyl) ether and 0.40% related compounds.

EPA Reg. No. 499-452 EPA Est. No. 499-MO-1 KEEP OUT OF REACH OF CHILDREN CAUTION

See side panel for additional Precautionary Statements

DIRECTIONS FOR USE

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

INDOOR SPACE APPLICATION -- Flying Insects: 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 one (1) fluid ounce per 1,000 cubic feet of room space or, when applying diluted product, apply at the rate of 1-2 fluid ounces per 1,000 cubic feet 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 one (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.

Active % Desired	Mixture Rate	Application Rate Per 1,000 Cu. Ft.
0.50%	1 Part Conc. to 1 Part Oil	1 oz.
0.30%	1 Part Conc. to 2 1/3 Parts Oil	1-2 oz.
0.15%	1 Part Conc. to 5 2/3 Parts Oil	1-2 oz.

INDOOR 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, wall, 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. 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 one (1) oz. per 1,000 cu. ft. of space. Close doors, windows and shut off all ventilating equipment before application. Leave room closed for at least one (1) hour after application. Do not remain in treated areas and ventilate thoroughly before occupants are allowed to re-enter. Repeat application as required.

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. Cover equipment which comes in direct contact with food, and cannot be cleaned and rinsed after application. Close doors, windows and shut off all ventilating equipment prior to application. When using ULV (Ultra Low Volume) equipment such as a Micro-Gen ULV sprayer, adjusted to deliver aerosol droplets (30 microns or less), apply one (1) oz. per 1000 cu. ft. of space. Leave room closed for at least one (1) hour after application. Do not remain

in treated areas after application and ventilate before occupants are allowed to re-enter. Before processing resumes, wash down all equipment, benches, shelving (etc.) exposed to application and where food will be handled, with an effective cleaning compound. Follow with a potable water rinse.

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 one (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 re-enter.

ULTRA LOW DOSAGE THROUGH MICRON GENERATION

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 five (5) MPH or less.

HANDHELD EQUIPMENT -- when using equipment such as Micro-Gen ULV equipment, apply at the rate of 4.0 oz. per acre. Figure application travel path for a coverage of a fifty (50) foot swath. Allow spray drift to penetrate dense foliage. Repeat application as required for control.

TRUCK MOUNTED EQUIPMENT -- when using Micro-Gen or similar truck mounted ULD equipment, spray at a dosage rate of fifteen (15) oz. per minute from a location up-wind of the areas where insects are to be controlled. Keep speed of vehicle to approximately five (5) MPH. Figure application travel path for a coverage of a three hundred (300) foot swath. Repeat application as required for control.

PRECAUTIONARY STATEMENTS

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Contains petroleum distillate. Call a physician or Poison Control Center immediately. **DO NOT INDUCE VOMITING - VOMITING MAY CAUSE ASPIRATION PNEUMONIA**

IF INHALED: Remove victim to fresh air. If not breathing, give artificial respiration, preferably by mouth-to-mouth. Get medical attention.

IF ON SKIN: Remove contaminated clothing and wash promptly with soap and water. Get medical attention if irritation persists.

IF IN EYES: Flush eyes with plenty of water. Call a physician if irritation persists.

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Harmful if swallowed. 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 two hours before returning patients. Do not apply directly to food. Do not apply while food processing is underway. Cover or remove any exposed food. Cover equipment which comes in direct contact with food, and cannot be cleaned and rinsed after application. After spraying in meat packing plants, bakeries, and other food processing plants, wash all equipment where exposed food will be handled 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.

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. Do not apply this product in such a manner as to directly or through drift expose workers or other persons. The area being treated must be vacated by unprotected persons. Do not enter treated areas without protection until thoroughly ventilated or sprays have dried. Use a respiratory device as recommended by NIOSH/MSHA for protection against organic vapors and pesticides.

STORAGE AND DISPOSAL

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

PESTICIDE DISPENSAL: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL (ONE GALLON AND UNDER): Do not reuse empty container. Wrap and put in trash.

CONTAINER DISPOSAL (OVER ONE GALLON): 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.

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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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 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 Plant
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 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

OUTDOOR

Campgrounds
Corrals
Drive-in Restaurants
Drive-in Theaters
Dumpsters
Feedlots
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

Mosquitoes
Gnats
Fruit Flies
Horse Flies
House Flies
Barn Flies
Stable Flies
Face Flies
Deer Flies
Black Flies
Horn Flies
Mushroom Flies
Fungus Gnats
Wasps
Hornets
Bees
Vinegar Flies
Yellow Jackets
Blow Flies
Bottle Flies

Cheese Skippers

FLEAS & TICKS

Brown Dog Ticks
Sheep Ticks
Spinosa Ear Ticks
Fleas

SPIDERS & MITES

Mites
Clover Mites
Cheese Mites
Grain Mites

GRAIN BORERS

Lesser Grain Borers
Larger Grain Borers

CRAWLING INSECTS

Boxelder Bugs
Chiggers
Cockroaches

Crickets

Centipedes
Sowbugs
Millipedes
Pillbugs
Waterbugs
Firebrats
Palmetto Bugs
Book Lice
Fire Ants
Grasshoppers

WORMS

Dark Mealworms
Yellow Mealworms
Lesser Mealworms

BEEETLES

Black Fungus Beetles
Drugstore Beetles
Red Flour Beetles
Saw-Tooth Grain Beetles

Spider Beetles
Carpet Beetles
Ground Beetles
Darkling Beetles
Flat Grain Beetles
Dried Fruit Beetles
Dermestid Beetles
Cereal Beetles
Hide Beetles
Depressed Flour Beetles
Two Banded Beetles
Fungus Beetles
Hairy Fungus Beetles
Corn Sap Beetles
Brown Spider Beetles
White Marked Spider Beetles
Hairy Spider Beetles
Trogoderma Beetles
Red Horned Grain Beetles
Khapra Beetles
Merchants Grain Beetles

Rusty Grain Beetles
Black Carpet Beetles
Square-necked Grain Beetles
Foreign Grain Beetles
Mexican Grain Beetles
American Black Flour Beetles
Longheaded Flour Beetles
Slenderhorned Flour Beetles
Small-eyed Flour Beetles
Broadhorned Flour Beetles
Large Black Flour Beetles

WEEVILS

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

MOTHS

Mediterranean Moths

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



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