

ULD  
BP-100  
INSECTICIDE

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.

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.  
(See back panel for additional use sites)



ACTIVE INGREDIENTS:

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

\*Consists of 1.60% (butylcarbityl) (6-propylpiperonyl) ether and 0.40% related compounds.

INERT INGREDIENTS .....	94.06%
Contains Petroleum Distillate	

CAUTION: Keep out of reach of children  
See Side Panels for Additional Precautionary Statements  
and Statement of Practical Treatment

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EPA EST. NO. 11540-TX-1

BATCH NO.  
Net Contents:

ULTRA-LOW DOSAGE THROUGH MICRON GENERATION

## DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

ULD BP- 100 insecticide is effective for control of the following insects when label directions are followed:

Roaches	Crickets	Cheese Mites
Ants	Fruit Flies	Cigarette Beetle
Waterbugs	Gnats	Granary Weevils
Spiders	Wasps	Indian Meal Moth
Earwigs	Mosquitoes	Angoumois Grain Moth
Boxelder Bugs	Cadellles	Tobacco Moths
House Flies	Confused Flour Beetle	Rice Weevils

(See back panel for additional insects)

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Indoor 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 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 121.2589 (b), or an odorless light petroleum hydrocarbon conforming to 121.1182. Combine oil and BP-100 as directed below and mix well just prior to application.

Active %	Mixture	Application Rate per 1,000 cu ft
Desired		
0.5	1 Part Concentrate to 1 Part Oil	1 oz
0.30	1 Part Concentrate to 2 1/3 Parts Oil	1-2 oz
0.15	1 Part Concentrate to 5 2/3 Parts Oil	1-2 oz

## FOR USE ON ANIMALS:

Dilute one (1) part concentrate to 1 part oil and mix well. To control horn flies, house flies, mosquitoes and gnats around beef and dairy cattle, horses and dogs, 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. 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 oz. or less per animal and repeat every 2 to 3 weeks as required.

### 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. 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 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 or remove any exposed food. Cover equipment which comes in direct contact with food, and cannot be cleaned and rinsed after application. Close doors and 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.

### 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) ounces 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.

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## PRECAUTIONARY STATEMENTS

## HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Keep out of reach of children. CAUTION: Harmful if swallowed. Do not apply directly to food. Do not apply while food processing is underway. Cover or remove any food and food processing equipment during application. After spraying in meat packaging 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.** Remove pets, birds, 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.

## 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 and apply respiration if needed.  
IF ON SKIN - Remove contaminated clothing, wash promptly with soap and water.  
IF IN EYES - Flush eyes with plenty of water.

## 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 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 expose workers or other persons directly or through drift. 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

## 1. Prohibitions

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

## 2. Pesticide Disposal

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

## 3. Container Disposal

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.

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In addition to sites listed on front 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  
Green Houses  
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 Houses  
Mushroom Processing Plants  
Horticultural Nurseries  
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 Fins  
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

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## OUTDOOR

Campgrounds

Corrals

Drive-in Restaurants

Drive-in Theaters

Dumpsters

Feedlots

Garbage Dump

Golf Courses

Junkyards

Kennels

Landscapes

Lath Houses

Manure Piles

Parks

Plantscapes

Playgrounds

Recreational Areas

Sewers

Swineyards

Zoos

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

Flying Insects:

Flies  
Mosquitoes  
Gnats  
Fruit Fly  
Horse Fly  
House Fly  
Barn Fly  
Stable Fly

Face Fly  
Skipper Flies  
Deer Fly  
Black Fly  
Horn Fly  
Mushroom Fly  
Fungus Gnats  
Wasp  
Hornets  
Bees  
Vinegar Fly  
Yellow Jacket  
Blow Fly  
Bottle Fly  
Cheese Skippers

Flea and Tick Control:

Brown Dog Tick  
Sheep Tick  
Spinosa Ear Tick  
Fleas  
Ticks

Spiders & Mites:

Spiders  
Chiggers  
Mites  
Paper mite  
Clover Mite  
Cheese Mite  
Grain Mite

Greenhouse & Horticultural Pests:

Aphids  
Cabbage Loopers  
Cabbage Worms  
Chrysanthemum Leaf Miners  
Mealy Bugs  
Red Spider Mites  
Spider Mites  
Thrips Vegetable Leaf Miners  
White Flies

Grain Borers:

Lesser Grain Borer  
Larger Grain Borer

Crawling Insect Control:

Cockroaches  
Scorpions  
Centipede  
Sowbugs  
Millipedes  
Pillbugs  
Waterbugs  
Firebrats  
Bed Bugs  
Palmetto Bugs  
Book Lice  
Fire Ants  
Grasshoppers

Worms:

Dark Mealworm  
Yellow Mealworm  
Lesser Mealworm

## Beetles:

Black Fungus Beetle  
Drugstore Beetle  
Red Flour Beetle  
Saw-Tooth Grain Beetle  
Spider Beetle  
Carpet Beetle  
Ground Beetle  
Darkling Beetle  
Flat Grain Beetle  
Dried Fruit Beetle  
Dermestid Beetle  
Cereal Beetle  
Hide Beetle  
Depressed Flour Beetle  
TwoBanded Beetle  
Fungus Beetle  
Hairy Fungus Beetle  
Corn Sap Beetle  
Brown Spider Beetle  
White Marked Spider Beetle  
Hairy Spider Beetle  
Trogoderma Beetle  
Red Horned Grain Beetle  
Copra Beetle  
Merchants Grain Beetle  
Rusty Grain Beetle  
Black Carpet Beetle  
Squarenecked Grain Beetle  
Foreign Grain Beetle  
Mexican Grain Beetle  
American Black Flour Beetle  
Longheaded Flour Beetle  
Slenderhorned Flour Beetle  
Smalleyed Flour Beetle  
Broadhorned Flour Beetle  
Large Black Flour Beetle  
Catorama Beetle  
Murmidiu Beetle

## Moths:

Mediterranean Moth  
Clothes Moth  
Almond Moth  
Cocoa Bean Moth  
Chocolate Moth  
Rice Moth  
European Grain Moth  
Pink Scavenger Caterpillar

## Weevils:

Rice Weevil  
Granary Weevil  
Bean Weevil  
Maize Weevil  
Coffee Bean Weevil  
Broadnosed Grain Weevil

THE FOLLOWING ARE NEW STATEMENTS WE WISH TO ADD TO THE LABEL:  
ULD BP-100 INSECTICIDE 115450-9

#### DIRECTIONS FOR USE

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 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 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.