

ULD[®] BP-50

Insecticide

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.

ACTIVE INGREDIENTS:

Pyrethrins	0.5%
Piperonyl butoxide, technical*	5.0%

OTHER INGREDIENTS: 94.5%

Contains Petroleum Distillate
*Consists of 4.00% (butylcarbityl) (6-propylpiperonyl) ether and 1.00% related compounds.

EPA Reg. No. 499-453 EPA Est. No. 499-MO-1

KEEP OUT OF REACH OF CHILDREN

CAUTION

See back panel for additional precautionary statements.

ULTRA LOW DOSAGE THROUGH MICRON GENERATION

NET CONTENTS:

BP-50 Container Label (Front Panel) v4.0 6/99



WHITMIRE MICRO-GEN
RESEARCH LABORATORIES, INC.
800-777-8570

ACCEPTED

JUL 17 2000

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 499-453

X Two copy

ULD® BP-50**DIRECTIONS FOR USE**

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

See supplemental label for complete directions for use.

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, saw-toothed grain beetles, spider beetles, cigarette beetles, Drugstore beetles, Angoumois grain moths, Mediterranean flour moths, Indian meal 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.

STORAGE AND DISPOSAL

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

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: 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.

PRECAUTIONARY STATEMENTS**FIRST AID**

IF SWALLOWED: Call a doctor or get medical attention. Do not induce vomiting. Do not give anything by mouth to an unconscious person. Avoid alcohol.

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

IF ON SKIN: Wash with plenty of soap and water. Get medical attention.

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

NOTE TO PHYSICIAN: May pose an aspiration pneumonia hazard.

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 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.

A Prescription Treatment brand Insecticide from:

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

© 1999 Whitmire Micro-Gen Research Laboratories, Inc.

BP-50 Container Label (Back Panel) v4.0.1 7/99

In addition to sites listed on other panel ULD BP-50 Insecticide is acceptable for use in the following sites:

INDOOR:	Flour Mills	Milk Rooms	Shipholds
Animal areas & quarters	Food Handling Establishments	Missions	Stables
Auditoriums	Food Processing Plants	Mobile Homes	Stable Bins
Bakeries	Freight Containers	Museums	Stored Food in Multi-walled
Beverage Plants	Fruit Packing Shed	Mushroom Processing Plants	Paper or Cloth Bags
Boats	Garbage Cans	Nursing Homes	Stored Seed Warehouses
Bottling Plants	Garbage Compactors	Offices	Stores
Brandy Storage Warehouses	Goal Houses	Office Buildings	Supermarkets
Buildings	Grain Elevators	Passenger Rail Cars	Swine Houses
Buses	Grain Mills	Peanut Processing Plants	Textile Mills & Warehouses
Cabins	Grain Handling Equipment	Peanut Storage Warehouses	Theaters
Canneries	Granaries	Planes ¹	Tobacco Plants
Cattle Barns	Homes	Poultry Houses	Tobacco Warehouses
Churches	Horse Stables/Barns	Poultry Processing Plants	Townhouses
Closets	Hospices	Prisons	Trains
Condominiums	Industrial Installations	Public Buildings	Transportation Equipment
Communication Centers	Institutions	Rabbit Processing Plants	Trucks
Correctional Facilities	Jails	Rabbit Houses	Truck Trailers
Dairy & Livestock Barns	Laboratories	Railroad Cars	Utilities
Dried Fruit Processing Plants	Libraries	Recreational Vehicles	Utility Rooms
Drains & Sewers	Livestock Barns	Research Animal Areas	Voids (Attics, Walls, Ceilings)
Dried Fruit Warehouses	Loading Sheds	Restaurants	Warehouses
Drugstores	Locker Rooms	Restrooms	Wineries
Dumpsters	Mills	Rice Mills	Wine Storage Warehouses
Dwellings	Museums	Shade Houses	Zoos
Egg Processing Plants	Meal Packing Plants	Ships	
Factories			

ULD BP-50 Insecticide is also effective against the following insects when used according to label directions:

FLYING INSECTS:	Spinos Ear Ticks	Mexican Grain Beetles	WEEVILS:
Flies	Fleas	American Black Flour Beetles	Rice Weevils
Mosquitoes	Ticks	Longheaded Flour Beetles	Granary Weevils
Gnats	BEETLES:	Slenderhorned Flour Beetles	Bean Weevils
Fruit Flies	Black Fungus Beetles	Small-eyed Flour Beetles	Maize Weevils
Horse Flies	Drugstore Beetles	Broadhorned Flour Beetles	Coffee Bean Weevils
House Flies	Red Flour Beetles	Large Black Flour Beetles	Broadnosed Grain Weevils
Barn Flies	Saw-Tooth Grain Beetles	Calorama Beetles	
Stable Flies	Spider Beetles	Mumidius Beetles	MOTHS:
Face Flies	Carpet Beetles		Mediterranean Moths
Skipper Flies	Ground Beetles	CRAWLING INSECTS:	Clothes Moths
Deer Flies	Flat Grain Beetles	Cockroaches	Almond Moths
Black Flies	Dried Fruit Beetles	Scorpions	Cocoa Bean Moths
Horn Flies	Dermeid Beetles	Centipedes	Chocolate Moths
Mushroom Flies	Cereal Beetles	Sowbugs	Rice Moths
Fungus Gnats	Hide Beetles	Millipedes	European Grain Moths
Wasps	Depressed Flour Beetles	Pill Bugs	Pink Scavenger Caterpillars
Hornets	Two Banded Beetles	Water Bugs	
Bees	Fungus Beetles	Firebrats	GRAIN BORERS:
Vinegar Flies	Hairy Fungus Beetles	Bed Bugs	Lesser Grain Borers
Yellow Jackets	Com Sap Beetles	Palmello Bugs	Larger Grain Borers
Blow Flies	Brown Spider Beetles	Chiggers	
Bottle Flies	White Marked Spider Beetles	Fire Ants	GREENHOUSE & HORTI-
Cheese Skippers	Hairy Spider Beetles	Grasshoppers	CULTURAL PESTS:
	Tropoderma Beetles		Aphids
WORMS:	Red Horned Grain Beetles	SPIDERS & MITES:	Cabbage Loopers
Dark Mealworms	Khapra Beetles	Spiders	Cabbage Worms
Yellow Mealworms	Merchants Grain Beetles	Mites	Chrysanthemum Leaf Miners
Lesser Mealworms	Rusty Grain Beetles	Clover Mites	Mealy Bugs
	Black Carpet Beetles	Cheese Mites	Thrips
FEAS AND TICKS:	Square-necked Grain Beetles	Grain Mites	Vegetable Leaf Miners
Brown Dog Ticks	Foreign Grain Beetles	Spider Mites	
Sheep Ticks		Red Spider Mites	

¹ Do not use in aircraft cabins.

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See page 4 for additional use sites.

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See page 3 for additional Precautionary Statements.

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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 re-occupying. 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.

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

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 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.

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 to 2,000 cubic feet of space.

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NOTE TO PHYSICIAN: May pose aspiration pneumonia hazards.

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