

499-453

5/15/2001

1/4

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%
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Contains Petroleum Distillate	TOTAL: 100.0%
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*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) v5.0 1/01



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

ACCEPTED

MAY 15 2001

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

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

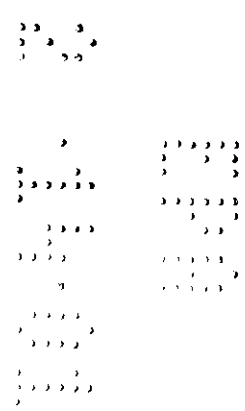
Do not use or store near heat or open flame. Note: Some furniture finishes and particularly plastics can be damaged by petroleum based insecticides. To avoid damage, cover those items and do not spray directly. If in doubt, test by applying this material to an inconspicuous area before spraying.

A Prescription Treatment brand Insecticide from:

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

© 2001 Whitmire Micro-Gen Research Laboratories, Inc.

BP-50 Container Label (Back Panel) v5.0 1/01



In addition to sites listed on other panel ULD BP-50 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
Liberaries
Livestock Barns
Loading 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 Plants
Peanut Storage Warehouses
Planes
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

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

FLYING INSECTS:

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

WORMS:

Dark Mealworms
Yellow Mealworms
Lesser Mealworms

FLEAS AND TICKS:

Brown Dog Ticks
Sheep Ticks

Spinos Ear Ticks
Flies
Ticks

BEETLES:

Black Fungus Beetles
Drugstore Beetles
Red Flour Beetles
Saw-Tooth Grain Beetles
Spider Beetles
Carpet Beetles
Ground 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
Merchant's 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
Calorama Beetles
Murmidiid Beetles

CRAWLING INSECTS:

Cockroaches
Scorpions
Centipedes
Sowbugs
Millipedes
Pill Bugs
Water Bugs
Firebrats
Bed Bugs
Palmetto Bugs
Chiggers
Fire Ants
Grasshoppers

SPIDERS & MITES:

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

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

GRAIN BORERS:

Lesser Grain Borers
Larger Grain Borers

GREENHOUSE & HORTICULTURAL PESTS:

Aphids
Cabbage Loopers
Cabbage Worms
Chrysanthemum Leaf Miners
Mealy Bugs
Thrips
Vegetable Leaf Miners

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See page 4 for additional use sites.

ACTIVE INGREDIENTS:

Pyrethrins 0.5%
Piperonyl Butoxide, Technical* 5.0%

OTHER INGREDIENTS:

Contains Petroleum Distillate 94.5%

TOTAL: 100.0%

* Equivalent to 4.0% (Butylcarbityl) (6-Propylpiperonyl) Ether and to 1.0% related compounds.

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

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.

Pyrethrin % Desired	Mixture Rate	Application
		Rate Per 1,000 Cu. Ft.
0.30	3 Part Conc. to 2 Parts Oil	1-2 oz.
0.15	3 Part Conc. to 7 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.

STORAGE AND DISPOSAL

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NOTE TO PHYSICIAN: May pose aspiration pneumonia hazards.

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4/4