

**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.

Also for use in other sites, see back panel

ACTIVE INGREDIENTS:

Pyrethrins0.5%

*Piperonyl Butoxide, Technical5.0%

INERT INGREDIENTS:94.5%

* Equivalent to 4.0% (Butylcarbityl) (6-propylpiperonyl) ether and to 1.0% related compounds.

Contains Petroleum Distillate

KEEP OUT OF REACH OF CHILDREN

CAUTION

See Side Panel for Additional Precautionary Statements and Statement of Practical Treatment.

WHITMIRE MICRO-GEN RESEARCH LABORATORIES, INC.

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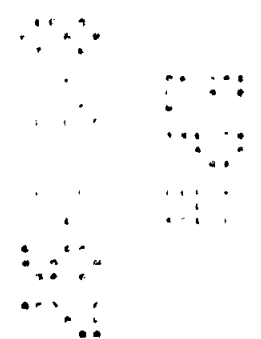
EPA REG. NO. 499-453

EPA EST. NO. 499-MO-1

Net Contents:

ULTRA-LOW DOSAGE THROUGH MICRON GENERATION

ACCEPTED
OCT 02 1997
Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 499-453



**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

CAUTION

Keep out of reach of children. 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, cover fish aquariums and turn off air pump motor before spraying.

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 an 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 areas before spraying.

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 reconditions, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities

DIRECTIONS FOR USE

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

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.

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 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.

Space and Contact Spray

Use full strength or dilute as desired according to dilution table listed on side 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 areas closed for at least 15 minutes. Vacate the treated area and ventilate before reoccupying. 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	2/3 Parts Concentrate to 1 Part Oil	1-2 oz.
.015	1/3 Parts Concentrate to 1 Part Oil	1-2 oz.

FOR USE ON ANIMALS:

To protect beef and dairy cattle, horses and dogs 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. Repeat treatment once or twice daily or at 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.

Deep Void Crack and 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.

In mushroom processing:

In packing and canning plants, use at a rate of 1 ounce to 2,000 cubic feet of space.

ULD is a trademark of Whitmire Micro-Gen Research Laboratories, Inc.

In addition to sites listed on front 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
- Communications 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
- Mushrooms Processing Plants
- Nursing Homes
- Offices
- Office Buildings
- Passenger Rail Cars
- Peanut Processing Plant
- 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 Clothes 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

†Do not use in aircraft cabins.

ULD BP-50 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 Fly
- Deer Fly
- Black Fly

FLEA AND TICK CONTROL:

- Brown Dog Tick
- Sheep Tick
- Spinosa Ear Tick

SPIDERS & MITES:

- Spiders
- Mites
- Paper mite

GREENHOUSE & HORTICULTURAL PESTS:

- Aphids
- Cabbage Loopers
- Cabbage Worms
- Chrysanthemum Leaf Miners
- Mealy Bugs

GRAIN BORERS:

- Lesser Grain Borer
- Larger Grain Borer

Grain Borer's Cont.

- Horn Fly
- Mushroom Fly
- Fungus Gnats
- Wasp
- Hornets
- Bees
- Vinegar Fly
- Yellow Jacket
- Blow Fly
- Bottle Fly
- Cheese Skippers
- Fleas
- Ticks
- Clover Mite
- Cheese Mite
- Grain Mite
- Red Spider Mites
- Spider Mites
- Thrips Vegetable Leaf Miners
- White Flies

BEETLES:

- Black Fungus Beetle
- Drugstore Beetle
- Red Flour Beetle
- Saw-Tooth Grain Beetle
- Spider Beetle
- Carpet Beetle
- Ground Beetle
- Flat Grain Beetle
- Dried Fruit Beetle
- Dermeid Beetle
- Cereal Beetle
- Hide Beetle
- Depressed Flour Beetle
- Two Banded Beetle
- Fungus Beetle
- Hairy Fungus Beetle
- Corn Sap Beetle
- Brown Spider Beetle
- White Marked Spider Beetle
- Hairy Spider Beetle
- Trogoderma Beetle

CRAWLING INSECT CONTROL:

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

WORMS:

- Dark Mealworm
- Yellow Mealworm
- Lesser Mealworm

- 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
- Murmidius 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