

ULD BP-300  
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), cold aerosol generators such as Whitmire 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 other panel for additional use sites)

ACTIVE INGREDIENTS:

- Pyrethrins ..... 3.00%
- \* Piperonyl Butoxide, Technical ..... 6.00%
- \*\*N-octyl bicycloheptene dicarboximide ..... 10.00%

INERT INGREDIENTS ..... 81.00%

Contains Petroleum Distillate

\* Consists of 4.80% (butylcarbityl) (6-propylpiperonyl) ether and 1.20% related compounds

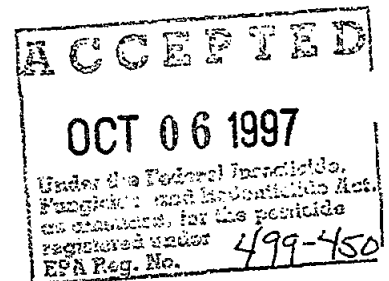
\*\*MGK 264 Insecticide Synergist

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.  
3568 Tree Court Ind. Blvd.  
St. Louis, MO 63122

EPA Reg. No. 499-450      EPA Est. No. 499-MO-1



Batch No. \_\_\_\_\_ Net. Contents: \_\_\_\_\_

ULTRA LOW DOSAGE THROUGH MICRON GENERATION  
Not for Sale in California

PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

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 remain in enclosed areas after use. 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 two hours before returning patients.

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.

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Call a physician or Poison Control Center immediately. Do not induce vomiting. Do not give anything by mouth to an unconscious person. Avoid alcohol.  
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.

### 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: **ONE GALLON AND UNDER; Do not reuse empty container. Wrap container and put in trash.** OVER ONE GALLON; Triple rinse (or equivalent). The offer for recycling or reconditioning, 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.

ULD BP 300 insecticide is effective control against the following insects when following label directions:

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

(See other panel for additional insects)

**Do not apply directly to food. Food should be removed or covered during treatment. Do not apply while food processing is underway. All food processing surfaces and equipment should be covered or washed 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.**

Indoor Use, Undiluted

As a Space Spray to kill accessible stages of Insects\* infesting dried fruit products in storage or being processed: Close room or warehouse and shut off all ventilating systems. Use a spraying device such as the Whitmire Micro-Gen ULV equipment to dispense this product as a fine mist in the air above trays and shelves. Do not apply to fruit directly. Use a dosage not to exceed 1/2 gallon of this spray per 50,000 cubic feet of room space. Do not remain in treated areas after application, and leave room closed for at least one hour. Ventilate thoroughly before occupants are allowed to re-enter. Repeat application at this dosage in any given month.

\* Indian Meal Moth, Dried Fruit Beetle, Confused Flour Beetle, Saw-Toothed Grain Beetle and Roaches.

As a Space Spray - To kill the adult and accessible forms of insect pests\* of stored food (stored in multiwall paper bags or in cloth bags) in warehouse, storage rooms and similar locations: Close room or warehouse and shut off all ventilating systems. Use a spray device such as the Whitmire Micro-Gen ULV equipment to dispense this product. Use a dosage of one fluid ounce of this spray per 1,000 cubic feet of room space. Do not remain in treated areas after application and leave room closed for at least one hour. Ventilate thoroughly before occupant are allowed to re-enter. Repeat applications as necessary for insect control.

\* Among these are the Rice Weevil, Yellow Meal Worm, Cadelle, Confused Flour Beetle, Saw-Toothed Grain Beetle, Angoumois Grain Moth, Mediterranean Flour Moth and Indian Meal Moth.

Contact and Space Spray - Use full strength or dilute as desired according to dilution table listed below and apply through equipment which can deliver a pin stream spray. Apply the spray into all cracks and crevices in woodwork, walls, floors, underneath sinks, behind pipes and in all places where 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 this product undiluted at a dosage rate of approximately one-half fluid ounce per 1,00 cubic feet of room space or when applying diluted product apply at the rate of 1-2 fluid ounces per 1,000 cubic feet at room space. Do not remain in treated areas after application and leave the area closed for one hour. Ventilate the area thoroughly before occupants are allowed to re-enter. Repeat dosage 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-300 as directed below and mix well.

Active % Desired	Mixture Rate	Application Rate Per 1,000 Cu. Ft.
1.00	1 Part Concentrate to 2 Parts Oil	1 oz.
0.50	1 Part Concentrate to 5 Parts Oil	1 oz.
0.30	1 Part Concentrate to 9 Parts Oil	1 - 2 oz.
0.15	1 Part Concentrate to 19 Parts Oil	1 - 2 oz.

Space Spray - For control of flying and crawling insects in establishments operating under the Federal meat, poultry, shell egg grading and egg products inspection programs: Dilute concentrate with a white mineral oil or odorless light petroleum as listed in the above paragraph, at the rate of one part concentrate to two parts oil, and mix well. Do not apply while food processing is underway. Cover or remove any exposed food. Food processing surfaces and equipment should be covered or washed with an effective cleaning compound followed by a potable water rinse. Close doors and windows and shut off all ventilating equipment prior to application. Using Whitmire Micro-Gen ULD equipment adjusted to deliver aerosol droplets (30 microns or less), apply one ounce per 1,000 cubic feet of space. Leave room closed for one hour after application and ventilate thoroughly before occupants are allowed to re-enter. Repeat application as necessary for control.

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) application follow the manufacture's recommendation 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.

#### FOR USE ON ANIMALS:

Dilute one (1) part concentrate to 5 parts oil and mix well. To protect beef and dairy cattle,

horses and dogs from horn flies, house flies, mosquitos 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.

Outdoor Ground Fogging Application - Use diluted to kill flies, mosquitos and gnats. Dilute concentrate with petroleum distillate at the rate of one part concentrate to two parts oil and mix well. Use at a time when the temperature is cool (75°F or less) and the wind velocity is approximately five MPH.

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

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

In addition to sites listed on front panel ULD BP-300 Insecticide is acceptable for use in the

following sites:

INDOOR:

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

Industrial Installations  
Institutions  
Jails  
Laboratories  
Libraries  
Livestock Barns  
Loafing Sheds  
Locker Rooms  
Mills  
Mausoleums  
Meat Packing Plant  
Milk Rooms  
Missions  
Mobile Homes  
Museums

Warehouses  
Wineries  
Wine Storage Warehouses  
Zoo

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-300 Insecticide is also effective against the following insects when used according to



label directions:

Flying Insects:

- Flies
- Horse Fly

House Fly

Barn Fly

Stable Fly

Face Fly

Skipper Fly

Deer Fly

Black Fly

Horn Fly

Mushroom Fly

Fungus Gnats

Hornets

Bees

Vinegar Fly

Yellow Jacket

Blow Fly

Bottle Fly

Cheese Skippers

Aphids

White Flies

Thrips

Grain Borers:

Lesser Grain Borer

Larger Grain Borer

Crawling Insects:

Book Lice

Scorpions

Centipede

Sowbugs

Millipedes

Pill Bugs

Firebrats

Bed Bugs

Palmetto Bugs

Chiggers

Fire Ants

Grasshoppers

Cabbage Loopers

Crawling Insects, Cont.:

Cabbage Worms

Chrysanthemum Leaf Miners

Mealy Bugs

Vegetable Leaf Miners

Fleas and Ticks:

Brown Dog Tick

Sheep Tick

Spinosa Ear Tick

Fleas

Ticks

Spiders & Mites:

Paper Mite

Clover Mite

Cheese Mite

Grain Mite

Red Spider Mite

Spider Mite

Lice:

Moulting Stages of Yellow

Lice & Sucking Blue

Lice

Worms:

Dark Mealworm

Yellow Mealworm

Lesser Mealworm

Beetles:

Black Fungus Beetle

Drugstore Beetle

Red Flour Beetle

Spider beetle

Carpet Beetle

Ground beetle

Darkling Beetle

Flat Grain Beetle

Dried Fruit Beetle

Dermeid 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

Khapra 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

Weevils:

Bean Weevil

Maize Weevil

Coffee Bean Weevil

Broadnosed Grain Weevil

Moths:

Clothes Moth

Almond Moth

Cocoa Bean Moth

Chocolate Moth

Rice Moth

European Grain Moth

Pink Scavenger Caterpillar