



LICENSED

PERIOD 2011-2013 LIC. NO.



LICENSED

PERIOD 2014-2016 LIC. NO.

DISC.

9454.201

Prescription Treatment® brand
ULD® BP-100 PLUS
 Hydroprene IGR



LICENSED

PERIOD 2008-2010 LIC. NO.

ACTIVE INGREDIENTS:

Hydroprene*	0.706%
Pyrethrins, a botanical insecticide	1.000%
Piperonyl butoxide, technical**	2.000%
n-Octyl bicycloheptene dicarboximide***	3.000%

OTHER INGREDIENTS:	93.294%
Contains petroleum distillate.	TOTAL: 100.000%

* Hydroprene = 85% S-Hydroprene [Ethyl (2E,4E)-(7S)-3,7,11-trimethyl-2,4-dodecadienoate] and 15% R-Hydroprene [Ethyl (2E,4E)-(7R)-3,7,11-trimethyl-2,4-dodecadienoate]
 ** Equivalent to 1.60% (butylcarbityl) (6-propylpiperonyl) ether and 0.40% related compounds.
 *** MGK-264 Insecticide Synergist

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

See inside for insects and sites lists, First Aid, Precautionary Statements, Directions for Use and Storage and Disposal.

EPA Reg. No. 499-504 • EPA Est. No. 499-MO-1

ULTRA LOW DOSAGE THROUGH MICRON GENERATION

NET CONTENTS: 1 gal



18-0359-04



WHITMIRE MICRO-GEN
RESEARCH LABORATORIES INC.
800-777-8570 • www.wmmg.com

080118-14a

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ULD[®] BP-100 PLUS
 Hydroprene IGR

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Contains petroleum distillate.	TOTAL: 100.000%

* Hydroprene = 85% S-Hydroprene [Ethyl (2E,4E)-(7S)-3,7,11-trimethyl-2,4-dodecadienoate] and 15% R-Hydroprene [Ethyl (2E,4E)-(7R)-3,7,11-trimethyl-2,4-dodecadienoate]
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WHITMIRE MICRO-GEN
 RESEARCH LABORATORIES INC.
 800-777-8570 • www.wmmg.com

KILLS: Ants, Bean Weevils, Cereal Beetles, Cheese Mites, Cigarette Beetles, Cockroaches, Confused Flour Beetles, Crickets, Earwigs, Flies, Gnats, Indianmeal Moths, Mediterranean Moths, Mosquitoes, Spiders, Vinegar Flies and Waterbugs

FOR USE IN AND AROUND: Condominiums, Food Handling Establishments, Homes, Industrial Installations, Office Buildings, Public Buildings, Restaurants, Stores, Supermarkets and on Animals

See pages 6 - 8 for additional insects and use sites.

FIRST AID

IF SWALLOWED: Immediately call a poison control center or doctor for treatment advice. Do not induce vomiting unless told to do so by the poison control center or doctor. Do not give any liquid to the person. Do not give anything by mouth to an unconscious person.

IF INHALED: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible. Call a poison control center or doctor for treatment advice.

IF IN EYES: Hold eyes open and rinse slowly and gently with water for 15 - 20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eyes. Call a poison control center or doctor for further treatment advice.

If on Skin or Clothing: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 - 20 minutes. Call a poison control center or doctor for further treatment advice.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-225-3320 for emergency medical treatment information.

NOTE TO PHYSICIAN: May pose an aspiration pneumonia hazard. Contains petroleum distillate.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Avoid contact with skin, eyes, or clothing. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. In case of contact, immediately flush eyes or skin with plenty of water. Get medical attention if irritation persists. Contains petroleum distillate.

ENVIRONMENTAL HAZARDS

This product is toxic to aquatic invertebrates. Do not apply directly to water, 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 contaminate water when disposing of rinsate or equipment washwaters.

PHYSICAL AND CHEMICAL HAZARDS

Do not use or store near heat or open flame. Do not use this product in or on electrical equipment due to the possibility of shock. 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.

DIRECTIONS FOR USE

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

READ ALL DIRECTIONS COMPLETELY BEFORE USE

GENERAL INFORMATION

ULD BP-100 Plus contains an insect growth regulator which prevents normal metamorphosis. It can be used for indoor or outdoor application as a space, area, or contact spray. It can assist in the control of cockroaches, fleas, flies, moths and beetles in both residential and commercial structures.

Do not apply directly to food. Do not apply while food processing is underway. Foods should be removed or covered during treatment. 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.

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 for two hours before returning patients.

INDOOR USE

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. 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 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 ULD BP-100 Plus as directed below and mix well just prior to application.

Pyrethrin % Desired	Mixture Rate	Application Rate per 1,000 ft³
0.50%	1 Part Conc. to 1 Part Oil	1 fl oz
0.30%	3 Part Conc. to 7 Parts Oil	1 - 2 fl oz
0.15%	3 Part Conc. to 17 Parts Oil	1 - 2 fl oz

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, walls, 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. 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.

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 set up 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 Ultra Low Volume (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.

OUTDOOR USE

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 5 MPH or less.

HANDHELD EQUIPMENT: When using equipment such as Ultra Low Volume (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 truck mounted equipment, spray at a dosage rate of fifteen (15) oz. 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.

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 and horses, 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 two (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.

STORAGE AND DISPOSAL

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

STORAGE: Store unused product in original container only in cool, dry area out of reach of children and animals.

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: If empty: Do not reuse this container. Place in trash or offer for recycling, if available. If partly filled: Call your local solid waste agency or 1-800-CLEANUP for disposal instructions. NEVER PLACE UNUSED PRODUCT DOWN ANY INDOOR OR OUTDOOR DRAIN.

In addition to previous sites listed, ULD BP-100 Plus is acceptable for use in the following sites:

INDOOR:

Animal Areas & Quarters	Fruit Packing Sheds	Passenger Rail Cars
Apartments	Garbage Cans	Peanut Processing Plant
Auditoriums	Garbage Compactors	Peanut Storage Warehouses
Bakeries	Goat Houses	Poultry Houses
Beverage Plants	Grain Elevators	Poultry Processing Plants
Boats	Grain Mills	Prisons
Bottling Plants	Grain Handling Equipment	Public Buildings
Brandy Storage Warehouses	Granaries	Rabbit Processing Plants
Buildings	Grocery Stores	Rabbit Houses
Buses	Health Care Facilities	Railroad Cars
Cabins	Homes	Recreational Vehicles
Cafeterias	Horse Stables/Barns	Research Animal Areas
Canneries	Hospices	Restaurants
Cattle Barns	Hotels	Restrooms
Churches	Industrial Installations	Rice Mills
Closets	Institutions	Schools
Communication Centers	Jails	Shade Houses
Condominiums	Laboratories	Ships
Convenient Stores	Libraries	Shipholds
Correctional Facilities	Livestock Barns	Stables
Dairy & Livestock Barns	Loafing Sheds	Stable Bins
Dormitories	Locker Rooms	Stored Food in Multi-wall Paper or Cloth Bags
Dried Fruit Processing Plants	Mills	Stored Seed Warehouses
Drains & Sewers	Mausoleums	Stores
Dried Fruit Warehouses	Meat Packing Plants	Supermarkets
Drugstores	Milk Rooms	Swine Houses
Dumpsters	Missions	Textile Mills & Warehouses
Dwellings	Mobile Homes	Theaters
Egg Processing Plants	Motels	Tobacco Plants
Factories	Museums	Tobacco Warehouses
Flour Mills	Mushroom Processing Plants	Townhouses
Food Handling Establishments	Nursing Homes	Trains
Food Processing Plants	Offices	Transportation Equipment
Freight Containers	Office Buildings	

Trucks
Truck Trailers
Universities
Utilities
Utility Rooms
Voids (Attics, Walls, Ceilings)
Warehouses
Wineries
Wine Storage Warehouses
Zoos

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

FLYING INSECTS:

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

Thrips
Vinegar Flies
Whiteflies
Yellowjackets

GRAIN BORERS:

Larger Grain Borers
Lesser Grain Borers

CRAWLING INSECTS:

Ants
Bed Bugs
Book Lice
Boxelder Bugs
Cabbage Loopers
Cabbage Worms
Centipedes
Chiggers
Chrysanthemum Leaf Miners
Cockroaches
Crickets
Earwigs
Fire Ants
Firebrats

Grasshoppers
Mealy Bugs
Millipedes
Pillbugs
Palmetto Bugs
Scorpions
Silverfish
Sowbugs
Spiders
Vegetable Leaf Miners
Waterbugs

FLEAS & TICKS:

Brown Dog Ticks
Fleas
Sheep Ticks
Spinos Ear Ticks
Ticks

SPIDERS & MITES:

Clover Mites
Cheese Mites
Grain Mites
Mites

Red Spider Mites	Depressed Flour Beetles	Squarenecked Grain Beetles
Spiders	Dermestid Beetles	Trogoderma Beetles
Spider Mites	Dried Fruit Beetles	Two Banded Beetles
LICE:	Drugstore Beetles	White Marked Spider Beetles
Moulting Stages of Yellow Lice & Sucking Blue Lice	Flat Grain Beetles	WEEVILS:
WORMS:	Foreign Grain Beetles	Bean Weevils
Dark Mealworms	Fungus Beetles	Broadnosed Grain Weevils
Lesser Mealworms	Ground Beetles	Granary Weevils
Yellow Mealworms	Hairy Fungus Beetles	Coffee Bean Weevils
BEETLES:	Hairy Spider Beetles	Maize Weevils
American Black Flour Beetles	Hide Beetles	Rice Weevils
Black Carpet Beetles	Khapra Beetles	MOTHS:
Black Fungus Beetles	Large Black Flour Beetles	Almond Moths
Broadhorned Flour Beetles	Longheaded Flour Beetles	Angourmois Grain Moths
Brown Spider Beetles	Merchants Grain Beetles	Chocolate Moths
Cadelles	Mexican Grain Beetles	Clothes Moths
Carpet Beetles	Murmidius Beetles	Cocoa Bean Moths
Catorama Beetles	Red Flour Beetles	European Grain Moths
Cereal Beetles	Red Horned Grain Beetles	Indianmeal Moths
Cigarette Beetles	Rusty Grain Beetles	Mediterranean Moths
Confused Flour Beetles	Saw-Tooth Grain Beetles	Pink Scavenger Caterpillars
Corn Sap Beetles	Slenderhorned Flour Beetles	Rice Moths
Darkling Beetles	Smalleyed Flour Beetles	Tobacco Moths
	Spider Beetles	

A Prescription Treatment® brand insecticide from:

Whitmire Micro-Gen Research Laboratories, Inc.

3568 Tree Court Industrial Blvd.

St. Louis MO 63122-6682

800-777-8570 www.wmmg.com

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