

Prescription Treatment[®] brand ULD[®] HydroPy-300[®]

Pyrethrin Concentrate

In New York State, this product may NOT be applied using residential automated misting systems.

KILLS:

Angoumois Grain Moths, Ants, Boxelder Bugs, Cadelles, Cheese Mites, Cigarette Beetles, Cockroaches, Confused Flour Beetles, Crickets, Earwigs, Fruit Flies, Gnats, Granary Weevils, House Flies, Indian Meal Moths, Mosquitoes, Rice Weevils, Spiders, Tobacco Moths and Wasps

FOR USE IN AND AROUND:

Apartments, Cafeterias, Dormitories, Food Service and Preparation Areas, Grocery and Convenience Stores, Homes, Hotels, Health Care Facilities, Landscapes, Motels, Office Buildings, Restaurants, Schools and Universities

See page 2 for additional insects and use sites.

ACTIVE INGREDIENTS:

| | |
|--|-------|
| Pyrethrins, a botanical insecticide | 3.0% |
| Piperonyl butoxide, technical* | 6.0% |
| n-Octyl bicycloheptene dicarboximide** | 10.0% |

OTHER INGREDIENTS:

| | |
|---|---------------|
| Equivalent to 4.8% (butylcarbityl)(6-propylpiperonyl) ether and 1.2% related compounds. | 81.0% |
| MGK-264 Insecticide Synergist | TOTAL: 100.0% |

EPA Reg. No. 499-427

KEEP OUT OF REACH OF CHILDREN

CAUTION

ULTRA LOW DOSAGE THROUGH MICRON GENERATION

FIRST AID

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 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 treatment advice.

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

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

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

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Harmful if absorbed through skin. Causes moderate eye irritation. Avoid contact with eyes, skin or clothing. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Wash thoroughly with soap and water after handling.

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 contaminate water when disposing of equipment washwaters or rinsate.

PHYSICAL OR CHEMICAL HAZARDS

Do not use or store near heat or open flame.

DIRECTIONS FOR USE

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

GENERAL RESTRICTIONS

Do not apply directly to food. Do not apply as a space or ULV spray while food processing is underway. Cover or remove any food in the treatment area before application. Cover all food processing surfaces and equipment or wash with an effective cleaning compound followed by a potable water rinse.

Food processing operations do not have to be stopped while applying as a wet spray with care and in accordance with directions and cautions above in establishments which do NOT operate under Federal meat, poultry, shell egg grading and egg products inspection programs.

In the home, cover all food processing surfaces, dishes and utensils in the treatment area or thoroughly wash before use.

Remove pets, birds, and cover fish aquariums and turn off air pump motor before spraying. In health care facilities or schools, remove patients or students prior to treatment. Thoroughly ventilate treated area for two hours before reoccupying treated areas.

Do not use this product in or on electrical equipment due to the possibility of shock hazard.

DILUTION RATES

Use undiluted in mechanical sprayers which produce particles of aerosol size (80% of droplets less than 30 microns), or diluted in pump sprayers or automated misting systems¹. Use the 0.125% rate for flying insects only. Use the 0.25% rate for maintenance. Use the 0.50% rate for clean outs or high insect infestations. Use the 0.05% rate only for automated misting² or fogging applications outdoors.

| Pyrethrin % Desired | Amount of Concentrate per gallon of water* |
|---------------------|--|
| 0.050% | 2 fl oz |
| 0.125% | 5 ½ fl oz |
| 0.250% | 10 ½ fl oz |
| 0.500% | 21 ½ fl oz |
| 1.000% | 42 ½ fl oz |

* Do not dilute with spray oil.
NOTE: ½ fl oz = 2 tsp and ¼ fl oz = 1 tsp

APPLICATION INSTRUCTIONS

SPACE SPRAY (INDOORS): Apply using a mechanical aerosol generator which creates particles of aerosol size (80% of droplets less than 30 microns). Prior to application, close all doors and windows, shut off all ventilating equipment and extinguish all flames in the area to be treated. Do not remain in treated areas after application. Leave room(s) closed for at least one (1) hour. Ventilate thoroughly before re-entry.

CRACK & CREVICE[®] TREATMENT: Use diluted or undiluted. Inject HydroPy-300 into cracks and crevices or void spaces where insects may be harboring, living and breeding. Place injector tip into cracks, crevices, holes and other small openings. Release approximately one-second of product. For light infestations move injector tip along cracks while treating at the rate of three linear feet per second. For heavy infestations move injector tip along at one linear foot per second. Apply in such a manner to limit dripping and run-off on structural surfaces.

VOID INJECTION: Use diluted or undiluted. Use to flush and kill insects harboring in closed or inaccessible voids. Calculate the cubic area of the void and treat at the rate of five to ten seconds per three cubic feet. Several holes may be required in long-running voids. Apply in such a manner to limit dripping and run-off on structural surfaces.

SPOT TREATMENT AND GENERAL SURFACE SPRAY: Use diluted or undiluted. Hold spray nozzle 18 to 24 inches from areas to be treated. Treat surfaces until moist, but in such a manner to limit dripping and run-off.

INDOOR TREATMENTS

FLYING INSECTS (such as Bees, Cluster Flies, Flies, Gnats, Hornets, Mosquitoes, Moths, Small Flying Moths, Wasps, Webbing Clothes Moths and Yellow Jackets): Apply as a space spray or general surface spray. **SPACE SPRAY:** apply undiluted at the rate of 0.5 fl oz of concentrate per 1,000 cu ft of space. Point nozzle upward and direct spray mist to all parts of the room. **GENERAL SURFACE SPRAY:** use the 0.125% or 0.250% rate and direct spray toward upper corners of room especially around windows and other light sources which attract these insects. Do not remain in treated area(s) after application. Ventilate thoroughly before re-entry.



WHITMIRE MICRO-GEN
RESEARCH LABORATORIES, INC.

NOTE: This specimen label is for informational purposes only. All uses may not be approved in all states. See labeling which accompanied product for Directions for Use or call 800-777-8570 for more information. For automatic specimen label updates, register at www.wmmg.com.



ULD® HydroPy-300®

CRAWLING INSECTS (such as Ants, Booklice, Carpet Beetles, Centipedes, Clothes Moths, Clover Mites, Cockroaches, Crickets, Dermestid Beetles, Earwigs, Firebrats, Fleas, Millipedes, Scorpions, Silverfish, Sowbugs and Spiders): Apply as a general surface spray, Crack & Crevice treatment or void injection. Use the 0.25% or 0.50% rate. **GENERAL SURFACE SPRAY:** Apply as a coarse, wet spray on walls, floors and other surfaces. Treat food storage areas, handling areas and unloading and processing areas. **CRACK & CREVICE TREATMENT AND VOID INJECTION:** Apply to cracks and crevices or structural voids in these places as well as beneath sinks and inside and around the base of food conveying, processing and handling equipment.

STORED PRODUCT PESTS (such as Angoumois Grain Moths, Caddies, Carpet Beetles, Chocolate Moths, Cigarette Beetles, Dermestid Beetles, Dried Fruit Beetles, Drug Store Beetles, Flour Beetles, Grain Mites, Granary Weevils, Indian Meal Moths, Meal Worms, Mediterranean Flour Moths, Psocids, Red Flour Beetles, Saw-toothed Grain Beetles, Spider Beetles, Trogloderma and Weevils): Apply as a space spray or a general surface spray. Clean all food preparation areas thoroughly after treatment and before food is exposed. Use only in areas where food is not exposed. **SPACE SPRAY:** apply undiluted at the rate of 0.5 fl oz of concentrate per 1,000 cu ft of space. Direct treatment toward upper corners of room and ceiling. **GENERAL SURFACE SPRAY:** use the 0.25% or 0.50% rate. Direct output into corners and under pallets, hitting as many insects as possible.

BED BUGS, LICE AND TICKS: Apply as a space spray, spot treatment or Crack & Crevice treatment. First, thoroughly clean air mattresses and springs. **SPACE SPRAY:** apply undiluted at the rate of 0.5 fl oz of concentrate per 1,000 cu ft of space. **CRACK & CREVICE TREATMENT OR VOID INJECTION:** use the 0.25% or 0.50% rate and apply to cracks and crevices or structural voids around baseboards, floorboards, bedboards and walls. **SPOT TREATMENT:** Take bed apart. Treat joints and channels if hollow, such as square or round tubing. See that the interior framework is treated. Treat mattresses, especially tufts, folds and edges. Also treat other areas where bed bugs may be hiding.

FLEAS: Apply as a GENERAL SURFACE SPRAY undiluted or using the 0.25% or 0.50% rates. Direct treatment onto pet resting areas and floor around these areas. Treat pet bedding the same way. Also treat entire inside surface of dog houses. Do not allow pets to contact treated areas until spray has dried. Remove or cover animal feed before spraying. To control the source of flea infestations, pets inhabiting the treated premises should be treated with a product registered for application to pets.

DARKLING BEETLES: After emptying poultry houses, apply as a space spray or general surface spray. Treat litter before cleaning. Keep closed for one hour, remove litter and retreat all surfaces. Ventilate for 24 hours before replacing poultry. **SPACE SPRAY:** apply undiluted at the rate of 0.25 fl oz of concentrate per 1,000 cu ft of space. **GENERAL SURFACE SPRAY:** use the 0.25% or 0.50% rate.

INDOOR AND OUTDOOR TREATMENTS

BOXELDER BUGS, CARPENTER ANTS, CLUSTER FLIES AND ELMLEAF BEETLES: Apply as a CRACK & CREVICE TREATMENT or as a void injection to voids and other areas where these insects are found. Use undiluted or at the 0.25% or 0.50% rates.

FLIES, GNATS, HORN FLIES, HOUSE FLIES, STABLE FLIES (AROUND LIVESTOCK): For fast knockdown of flying insects, apply as a SPACE SPRAY undiluted or using the 0.25% or 0.50% rates. Direct fog upward in all directions. Ventilate the area after treatment is completed. Remove or cover animal feed before spraying. Do not apply to lactating or food animals. Do not contaminate milk, food or drinking water.

OUTDOOR TREATMENTS

MOSQUITOES, FLIES AND GNATS: Dilute to 0.050% - 0.125% when applying with mechanical, electrical, fogging or automated misting equipment, or when applying as a GENERAL SURFACE SPRAY. To control these pests in open areas near homes, buildings and in campgrounds, treat shrubbery and vegetation and other areas where these pests may rest. Structural surfaces, shrubbery and vegetation around stagnant pools, marshy areas, ponds and shorelines may be treated. Treatment of vegetation in water from land is also

permitted by allowing wind to move product into vegetation, but application of this product directly to any body of water is prohibited.

AUTOMATED MISTING SYSTEMS: Automatic spraying systems must not be programmed to release pesticide where people, pets, food or feed is directly exposed. A legible copy of the label must be securely attached to the equipment pesticide holding container or on the outside of the equipment timer.

In New York State, this product may NOT be applied using residential automated misting systems.

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 convergence of a three hundred (300) foot swath. Repeat application as required for control.

HORNETS, WASPS AND YELLOW JACKETS: Apply as a GENERAL SURFACE SPRAY using the 0.25% or 0.50% rate. Application should be made in late evening when insects are at rest. Spray liberally into hiding and nesting places, contacting as many insects as possible.

STORAGE AND DISPOSAL

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

STORAGE: Store in original container in secured dry storage area. Do not store above 100°F for extended periods of time. Storage below 32°F may cause freezing.

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: Empty container by using the product in accordance with the label directions. Do not reuse this container! Place empty container in trash or offer for recycling if available. If container is partly filled, call your local solid waste agency or call 1-800-CLEANUP for disposal instructions. NEVER PLACE UNUSED PRODUCT DOWN ANY INDOOR OR OUTDOOR DRAIN!

In addition to sites listed on the front panel, HydroPy-300 is acceptable for use in and around the following sites:

INDOORS:

- Animal Areas & Quarters
- Apartments
- Auditoriums
- Bakeries
- Barns
- Beverage Plants
- Boats
- Bottling Plants
- Brandy Storage Warehouses
- Buildings
- Buses
- Cabins
- Calif Hutches
- Canneries
- Cattle Barns
- Churches
- Closets
- Commercial and Industrial Buildings
- Communication Centers
- Condominiums
- Correctional Facilities
- Dairies

- Dairy & Livestock Barns
- Drains & Sewers
- Dried Fruit Processing Plants
- Dried Fruit Warehouses
- Drugstores
- Dumpsters
- Dwellings
- Egg Processing Plants
- Factories
- Flour Mills
- Food Handling Establishments
- Food Processing Plants
- Food Storage Areas
- Freight Containers
- Fruit Packing Sheds
- Garbage Cans
- Garbage Compactors
- Goat Houses
- Grain Elevators
- Grain Handling Equipment
- Grain Mills
- Granaries
- Hog Operations
- Homes

- Horse Barns
- Horse Stables
- Hospices
- Hospitals
- Hotels
- Industrial Installations
- Institutions
- Jails
- Kennels
- Laboratories
- Libraries
- Livestock Barns
- Loafing Sheds
- Locker Rooms
- Mausoleums
- Meat Packing Plants
- Milk Rooms
- Milking Parlors
- Mills
- Missions
- Mobile Homes
- Motels
- Museums
- Mushroom Houses

- Mushroom Processing Plants
- Nursing Homes
- Office Buildings
- Passenger Rail Cars
- Peanut Processing Plants
- Peanut Storage Warehouses
- Playgrounds
- Poultry Houses
- Poultry Operations
- Poultry Processing Plants
- Prisons
- Public Buildings
- Rabbit Houses
- Rabbit Processing Plants
- Railroad Cars
- Recreational Vehicles
- Research Animal Areas
- Restaurants
- Restrooms
- Rice Mills
- Schools
- Shipholds
- Ships
- Stable Bins

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

OUTDOORS:

- Campgrounds
- Corrals
- Drive-in Restaurants
- Drive-in Theaters
- Dumpsters
- Feedlots
- Garbage Dumps
- Golf Courses
- Junkyards
- Kennels
- Landscapes
- Lath Houses
- Manure Piles
- Parks
- Recreational Areas
- Sewers
- Swineyards
- Zoos

HydroPy-300 is also effective against the following insects when used according to label directions:

FLYING INSECTS:

- Barn Flies
- Bed Bugs
- Bees
- Black Flies
- Blow Flies
- Bottle Flies
- Cheese Skippers
- Cluster Flies
- Deer Flies
- Face Flies
- Flies
- Fruit Flies
- Gnats
- Horn Flies
- Hornets
- Horse Flies
- House Flies
- Mosquitoes
- Mud Daubers
- Mushroom Flies
- Skipper Flies
- Stable Flies
- Vinegar Flies
- Wasps
- Yellow Jackets

GRAIN BORERS:

- Larger Grain Borers
- Lesser Grain Borers

CRAWLING INSECTS:

- Ants
- Bed Bugs
- Booklice
- Boxelder Bugs
- Cabbage Loopers
- Cabbage Worms
- Carpenter Ants
- Centipedes
- Chiggers
- Cockroaches
- Crickets
- Earwigs
- Fire Ants
- Firebrats
- Mealy Bugs
- Millipedes
- Palmetto Bugs
- Pill Bugs
- Psocids
- Scorpions
- Silverfish
- Sowbugs
- Spring Tails

FLEAS AND TICKS:

- Brown Dog Ticks
- Fleas
- Sheep Ticks
- Spinosa Ear Ticks
- Ticks

SPIDERS & MITES:

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

LICE:

- Lice
- Mounting Stages of Yellow Lice & Sucking Blue Lice

WORMS:

- Dark Mealworms
- Lesser Mealworms
- Mealworms
- Yellow Mealworms

BEETLES:

- American Black Flour Beetles
- Black Carpet Beetles
- Black Fungus Beetles

Broadhorned Flour Beetles

- Brown Spider Beetles
- Cadellles
- Carpet Beetles
- Catorama Beetles
- Cereal Beetles
- Cigarette Beetles
- Confused Flour Beetles
- Corn Sap Beetles
- Darkling Beetles
- Dermestid Beetles
- Dried Fruit Beetles
- Drugstore Beetles
- Elmleaf Beetles
- Flat Grain Beetles
- Flour Beetles
- Foreign Grain Beetles
- Fungus Beetles
- Ground Beetles
- Hairy Fungus Beetles
- Hairy Spider Beetles
- Hide Beetles
- Khapra Beetles
- Longheaded Flour Beetles
- Merchants Grain Beetles
- Mexican Grain Beetles

Murmidius Beetles

- Red Flour Beetles
- Red Horned Grain Beetles
- Rusty Grain Beetles
- Saw-Toothed Grain Beetles
- Slenderhorned Flour Beetles
- Smallfled Flour Beetles
- Spider Beetles
- Squarenecked Grain Beetles
- Trogloderma Beetles
- Two Banded Beetles
- White Marked Spider Beetles

WEEVILS:

- Bean Weevils
- Broadnosed Grain Weevils
- Coffee Bean Weevils
- Granary Weevils
- Maize Weevils
- Rice Weevils

MOTHS:

- Almond Moths
- Angoumois Grain Moths
- Chocolate Moths
- Clothes Moths
- Cocoa Bean Moths

European Grain Moths

- Indian Meal Moths
- Mediterranean Flour Moths
- Moths
- Pink Scavenger Caterpillars
- Rice Moths
- Small Flying Moths
- Tobacco Moths
- Webbing Clothes Moths

A Prescription Treatment® brand insecticide from:

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

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