

Prescription Treatment[®] brand

ULD[®] HydroPy-300[®]

Formula 2

Pyrethrin Concentrate

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

KILLS: Angoumois Grain Moths, Ants (excluding Harvester), Boxelder Bugs, Cadelles, Cheese Mites, Cigarette Beetles, Confused Flour Beetles, Crickets, Earwigs, Fruit Flies, German Cockroaches, Gnats, Granary Weevils, House Flies, Indianmeal Moths, Mosquitoes, Rice Weevils, Spiders (excluding Black Widow and Brown Recluse) and Tobacco Moths

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

For additional insects and use sites, see listings beginning page 2.

ACTIVE INGREDIENTS:

Pyrethrins, a botanical insecticide 3.0%
 Piperonyl butoxide, technical* 15.0%

OTHER INGREDIENTS: 82.0%

* Equivalent to 12.0% (butylcarbityl)(6-propylpiperonyl) ether and 3.0% related compounds. TOTAL: 100.0%
 1 gallon contains 0.25 lb of pyrethrins

EPA Reg. No. 499-511

KEEP OUT OF REACH OF CHILDREN

CAUTION

FIRST AID

IF SWALLOWED: Immediately call a poison control center or doctor for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

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

Have the product container or label with you when calling a poison control center or doctor or going for treatment. For additional information on this pesticide product (including health concerns, medical emergencies or pesticide incidents), you may call 1-800-832-HELP or the National Pesticide Information Center at 1-800-858-7378.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Harmful if swallowed. Causes moderate eye irritation. Avoid contact with eyes or clothing. Wash hands thoroughly with plenty of soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove clothes immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Obtain medical attention if irritation persists. Avoid contamination of food or feedstuffs.

ENVIRONMENTAL HAZARDS

This product is toxic to aquatic organisms, including fish and invertebrates. Drift and run-off may be hazardous to aquatic organisms in water adjacent to treated areas. This product has a potential for run-off for several weeks after application. Poorly draining soils and soils with shallow water tables are more prone to produce run-off that contains this product.

This product is highly toxic to bees exposed to direct treatment on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds while bees are actively visiting the treatment area.

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 contaminate water when disposing of equipment wash-waters or rinsate. See Directions for Use for additional precautions and restrictions.

PHYSICAL AND 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.

READ ENTIRE LABEL BEFORE EACH USE.

GENERAL PRECAUTIONS AND USE RESTRICTIONS

- Apply this product only as specified on this label.
- Do not allow adults, children or pets to enter until vapors, mists and aerosols have dispersed, and the treated area has been thoroughly ventilated.
- Do not remain in treated area. Exit area immediately and remain outside the treated area until aerosols, vapors and/or mists have dispersed.
- Do not apply this product in a way that will contact adults, children or pets, either directly or through drift.
- Remove or cover exposed food and drinking water, in the treatment area, before application.
- Remove or cover dishes, utensils, food processing equipment and food preparation surfaces, in the treatment area, or wash them before use.
- Do not make space spray applications when facility is in operation.
- During space spray applications, cover or remove food.
- During space spray applications, cover food processing surfaces and equipment, in the treatment area, or clean after treatment with a suitable detergent and rinse with potable water before use.
- Remove pets, birds and cover fish aquariums before spraying.
- In health care facilities, remove patients prior to treatment and thoroughly ventilate treated area for 2 hr before returning patients.
- Do not apply directly to or near water, storm drains or drainage ditches. Do not apply when windy. To prevent product run-off, do not over water the treated area(s) or apply when heavy rain is expected. Rinse applicator over lawn or garden area only.

SAFE HANDLING PROCEDURES

PERSONAL PROTECTIVE EQUIPMENT (PPE): Applicators, mixers and other handlers must wear: Long-sleeved shirt, long pants, socks, shoes, chemical-resistant gloves and protective eyewear.

DILUTION RATES

Follow rates for specific pests in mechanical sprayers which produce particles of aerosol size (80% of droplets less than 30 microns) or in pump sprayers or automated misting

systems†. Use the 0.25% rate for maintenance. Use the higher rate for clean outs or high insect infestations. Dilute only with water.

Pyrethrin % Desired	Amount of Concentrate per gallon of water*
0.050%	2 fl oz
0.125%	5 1/3 fl oz
0.250%	10 2/3 fl oz
0.500%	21 1/3 fl oz
1.000%	42 2/3 fl oz

* Do not dilute with spray oil.

NOTE: 1/3 fl oz = 2 tsp and 1/2 fl oz = 1 tbsp

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 treatment, open cabinets and doors, turn off air conditioners and fans, extinguish all flames and close doors and windows in the area to be treated. Disperse toward areas suspected of harboring the greatest insect infestations. Disperse in all locations (including around equipment, appliances and pallets, if desired) contacting as many insects as possible. Do not remain in treated areas after application. Keep area closed for at least 60 min. Open and thoroughly ventilate treated areas before reoccupying.

CRACK & CREVICE[®] TREATMENT: Use diluted or undiluted. Apply as a Crack & Crevice treatment into cracks, crevices and void spaces where pests might be hiding, harboring, living and breeding (such as behind baseboards, sinks, cabinets, door frames and windows). Place injector tip into cracks, crevices, holes and other small (openings) areas. Apply at a rate of 1 ft/sec. For lighter infestations, move injector tip along cracks while treating at a rate of 3 ft/sec. For heavier infestations, move injector tip along cracks while treating at a rate of 1 ft/sec. Apply in such a manner that dripping and run-off on structural surfaces is minimized.

VOID INJECTION: Use to flush and kill insects harboring in closed or inaccessible areas such as attics, false ceilings and crawl spaces. Calculate the cubic volume (area) of the void and treat at a rate of 5 - 10 sec/3 ft³. Apply to surfaces until moist, but in such a manner that dripping and run-off on structural surfaces is minimized.

SPOT TREATMENT: Hold spray nozzle about 18 - 24" from areas to be treated. Apply to surfaces until moist, but in such a manner that dripping and run-off on structural surfaces is minimized.

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.

ULD® HydroPy-300® Pyrethrin Concentrate Formula 2

INDOOR TREATMENTS

FLYING INSECTS (such as Cluster Flies, Flies, Gnats, Mosquitoes, Moths, Small Flying Moths and Webbing Clothes Moths): Apply as a space spray at 0.125% - 3.0%, at the rate of 0.5 fl oz concentrate/1,000 ft³ of space. Close all windows and doors. Direct aerosol upward and disperse in all locations. Keep area closed for at least 60 min. Open and thoroughly ventilate treated area(s) before reoccupying.

CRAWLING INSECTS [such as Ants (excluding Harvester), Booklice, Carpet Beetles, Centipedes, Clothes Moths, Clover Mites, Crickets, Dermestid Beetles, Earwigs, Firebrats, Fleas, German Cockroaches, Millipedes, Scorpions, Silverfish, Sowbugs and Spiders (excluding Black Widow and Brown Recluse)]: **CRACK & CREVICE TREATMENT AND VOID INJECTION:** Apply at 0.25% - 1.0% to cracks and crevices and structural void spaces as well as behind baseboards, sinks, cabinets, door frames and windows, and inside and around food conveying, processing and handling equipment. **SPACE SPRAY:** Apply at 0.5% - 3.0%, at the rate of 0.5 - 1.0 fl oz concentrate/1,000 ft³.

STORED PRODUCT PESTS (such as Angoumois Grain Moths, Cadelles, Carpet Beetles, Chocolate Moths, Cigarette Beetles, Dermestid Beetles, Dried Fruit Beetles, Drugstore Beetles, Flour Beetles, Grain Mites, Granary Weevils, Indianmeal Moths, Meal Worms, Mediterranean Flour Moths, Psocids, Red Flour Beetles, Sawtoothed Grain Beetles, Spider Beetles, Trogoderma and Weevils): Apply as a space spray. Clean all food preparation areas thoroughly after treatment and before food is exposed. Use only in areas where food is not exposed. Apply at 1% - 3%, at the rate of 0.5 - 1.0 fl oz concentrate/1,000 ft³ of space. Direct aerosol upward and disperse in all locations. Keep area closed for at least 60 min. Open and thoroughly ventilate treated area(s) before reoccupying.

BED BUGS, LICE AND TICKS: Apply as a space spray, spot treatment or Crack & Crevice treatment. Expose mattress and springs. **SPACE SPRAY:** Apply at 1% - 3%, at the rate of 0.5 - 1.0 fl oz concentrate/1,000 ft³ of space. **CRACK & CREVICE TREATMENT OR VOID INJECTION:** Apply at 0.25% - 0.50% to cracks and crevices or structural voids around baseboards, floorboards, bed boards and walls. **SPOT TREATMENT:** Apply as a spot treatment where evidence of bed bugs occurs. This includes bed frames, box springs, inside empty drawers and clothes closets, night stands and other furniture in the room, carpet edges, high and low wall moldings (such as floor molding or window casings), wall voids, behind wall hangings, wallpaper edges and popcorn ceilings. Take bed apart. Treat joints and channels if hollow, such as square or round tubing, and see that interior framework is treated. Bed bugs may also harbor in areas of the room away from the bed.

FLEAS: Apply in infested areas as a space spray at 0.25% - 1.0%. 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, undiluted at the rate of 0.25 fl oz concentrate/1,000 ft³ of space. Keep closed for 1 hr. Ventilate for 24 hr before replacing poultry.

INDOOR AND OUTDOOR TREATMENTS

BOXELDER BUGS, CARPENTER ANTS, CLUSTER FLIES AND ELM LEAF 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 diluted at 0.25% - 0.50%.

CRAWLING INSECTS [such as Ants (excluding Harvester), Booklice, Carpet Beetles, Centipedes, Clothes Moths, Clover Mites, Crickets, Dermestid Beetles, Earwigs, Firebrats, Fleas, German Cockroaches, Millipedes, Scorpions, Silverfish, Sowbugs and Spiders (excluding Black Widow and Brown Recluse)]: **CRACK & CREVICE TREATMENT AND VOID INJECTION:** Apply at 0.25% - 1.0% into cracks, crevices and structural void spaces as well as behind baseboards, sinks, cabinets, door frames and windows, and inside and around food conveying, processing and handling equipment. **SPACE SPRAY:** Apply at 0.5% - 3.0%, at the rate of 0.5 - 1.0 fl oz concentrate/1,000 ft³.

OUTDOOR TREATMENTS

MOSQUITOES, FLIES AND GNATS: Dilute to 0.05% - 0.125% when applying with mechanical, electrical, fogging or automated misting† equipment. To control these pests in open areas near homes, buildings and in campgrounds, treat shrubbery, 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.

URBAN MISTING SYSTEMS: Automatic spraying systems must not be programmed to release pesticide where people, pets, food or feed are 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. Can be used at 0.025% (1:108) - 0.108% (1:27).

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

Rate/Dilution Ratio	AUTOMATIC SPRAYING SYSTEM DILUTION TABLE	
	Mixing Rate 1 Gallon Tank	Mixing Rate 55 Gallon Tank
0.025% (1:108)	1 fl oz	64 fl oz
0.050% (1:54)	2 fl oz	128 fl oz
0.108% (1:27)	4 fl oz	256 fl oz

STORAGE AND DISPOSAL

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

PESTICIDE 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: Nonrefillable container. Empty container by using the product according to the label directions. Do not reuse or refill this container! Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows:

(≤5 gal) Empty the remaining contents into application equipment or a mix tank and drain for 10 sec after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 sec. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 sec after the flow begins to drip. Repeat this procedure 2 more times.

(>5 gal) Empty remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 sec. Stand the container on its end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure 2 more times.

Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning. If burned stay out of smoke.

In addition to sites listed on front panel, this product is acceptable for use in and around the following sites:

- | | |
|-------------------------------|---------------------------------|
| INDOORS: | Locker Rooms |
| Animal Areas & Quarters | Mausoleums |
| Auditoriums | Meat Packing Plants |
| Bakeries | Milk Rooms |
| Barns | Milk Parlors |
| Beverage Plants | Mills |
| Boats | Missions |
| Bottling Plants | Mobile Homes |
| Brandy Storage Warehouses | Museums |
| Buildings | Mushroom Houses |
| Buses | Mushroom Processing Plants |
| Cabins | Nursing Homes |
| Calf Hutches | Passenger Rail Cars |
| Canneries | Peanut Processing Plants |
| Cattle Barns | Peanut Storage Warehouses |
| Churches | Playgrounds |
| Closets | Poultry Houses |
| Commercial and Industrial | Poultry Operations |
| Buildings | Poultry Processing Plants |
| Communication Centers | Prisons |
| Condominiums | Public Buildings |
| Correctional Facilities | Rabbit Houses |
| Dairies | Rabbit Processing Plants |
| Dairy & Livestock Barns | Railroad Cars |
| Drains & Sewers | Recreational Vehicles |
| Dried Fruit Processing Plants | Research Animal Areas |
| Dried Fruit Warehouses | Restaurants |
| Drugstores | Rice Mills |
| Dumpsters | Shipholds |
| Dwellings | Ships |
| Egg Processing Plants | Stable Bins |
| Factories | Stables |
| Flour Mills | Stored Food in Multi-walled |
| Food Handling Establishments | Paper or Cloth Bags |
| Food Processing Plants | Stored Seed Warehouses |
| Food Storage Areas | Stores |
| Freight Containers | Supermarkets |
| Fruit Packing Sheds | Swine Houses |
| Garbage Cans | Textile Mills & Warehouses |
| Garbage Compactors | Theaters |
| Goat Houses | Tobacco Plants |
| Grain Elevators | Tobacco Warehouses |
| Grain Handling Equipment | Townhouses |
| Grain Mills | Trains |
| Granaries | Transportation Equipment |
| Hog Operations | Truck Trailers |
| Horse Barns | Trucks |
| Horse Stables | Utilities |
| Hospices | Utility Rooms |
| Industrial Installations | Voids (Attics, Walls, Ceilings) |
| Institutions | Warehouses |
| Jails | Wine Storage Warehouses |
| Laboratories | Wineries |
| Libraries | Zoos |
| Livestock Barns | |
| Loafing Sheds | |

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

This product is also effective against the following insects when used according to label directions:

FLYING INSECTS:

- Barn Flies
- Bees
- Black Flies
- Blow Flies
- Bottle Flies
- Cheese Skippers
- Cluster Flies
- Deer Flies
- Face Flies
- Flies
- Horn Flies
- Horse Flies
- Mushroom Flies
- Paper Wasps
- Skipper Flies
- Stable Flies
- Vinegar Flies

GRAIN BORERS:

- Lesser Grain Borers
- Larger Grain Borers

CRAWLING INSECTS:

- Bed Bugs
- Booklice
- Cabbage Loopers
- Cabbage Worms
- Carpenter Ants
- Centipedes
- Fire Ants
- Firebrats
- Mealy Bugs
- Millipedes
- Pill Bugs
- Psocids
- Scorpions
- Silverfish
- Sowbugs
- Spring Tails

FLEAS AND TICKS:

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

SPIDERS & MITES:

- Red Spider Mites

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
- Carpet Beetles
- Catarama Beetles
- Cereal Beetles
- Cigarette Beetles
- Confused Flour Beetles
- Corn Sap Beetles
- Darkling Beetles
- Dermestid Beetles
- Dried Fruit Beetles
- Drugstore Beetles
- Elm Leaf 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
- Sawtoothed Grain Beetles
- Slenderhorned Flour Beetles
- Smalleyed Flour Beetles
- Spider Beetles
- Squarenecked Grain Beetles
- Trogoderma Beetles
- Two Banded Beetles
- White Marked Spider Beetles

WEEVILS:

- Bean Weevils
- Broadnosed Grain Weevils
- Coffee Bean Weevils
- Maize Weevils

MOTHS:

- Almond Moths
- Chocolate Moths
- Cloves Moths
- Cocoa Bean Moths
- European Grain Moths
- Mediterranean Flour Moths
- Moths
- Pink Scavenger Caterpillars
- Rice Moths
- Small Flying Moths
- Webbing Clothes Moths

Manufactured by:
Whitmire Micro-Gen Research Laboratories, Inc.®
by BASF Corporation
3568 Tree Court Industrial Blvd.
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