



LICENSED

PERIOD 2014-2016 LIC. NO. **9131.236**

ULD[®] HydroPy-300[®] Formula 2 Pyrethrin Concentrate Insecticide



***In New York State, this product may NOT be applied using outdoor 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: Commercial (including Food Handling Establishments, Food Service, Storage, Preparation and Processing Areas, and Meat, Poultry and Egg Processing Facilities), Institutional and Residential Areas

See inside booklet for additional insects and use sites.

ACTIVE INGREDIENTS:

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

OTHER INGREDIENTS:	82.0%
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TOTAL:	100.0%
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* 1 gallon contains 0.25 lb of pyrethrins and 1.25 lb piperonyl butoxide

** (butylcarbityl)(6-propylpiperonyl) ether and related compounds

EPA Reg. No. 499-511

EPA Est. No. 7969-MO-1

KEEP OUT OF REACH OF CHILDREN CAUTION

See back panel/inside booklet for First Aid, Precautionary Statements, Directions for Use and Storage & Disposal.

NET CONTENTS: 1 gal



BASF Corporation
26 Davis Drive
Research Triangle Park, NC 27709

NVA 2013-05-443-0391 81049453 30473002



ULD® HydroPy-300® Formula 2

FIRST AID	
If swallowed	<ul style="list-style-type: none">• Call a poison control center or doctor immediately 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 on skin or clothing	<ul style="list-style-type: none">• Take off contaminated clothing.• Rinse skin immediately with plenty of water for 15 to 20 min.• Call a poison control center or doctor for treatment advice.
If in eyes	<ul style="list-style-type: none">• Hold eyes open and rinse slowly and gently with water for 15 to 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.
HOTLINE NUMBER	
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 product (including health concerns, medical emergencies or pesticide incidents), you may call 1-800-832-HELP (4357) 24 hr/day, 7 days/week.	

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Harmful if swallowed. Causes moderate eye irritation. Avoid contact with skin, eyes or clothing. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Wash hands thoroughly with plenty of soap and water after handling, and before eating, drinking, chewing gum, using tobacco or using the toilet.

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 may contaminate water through run-off. This product has a potential for run-off for several months or more 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.

To protect the environment, do not allow pesticide to enter or run off into storm drains, draining ditches gutters or surface waters. Applying this product in calm weather when rain is not predicted for the next 24 hr will help to ensure that wind or rain does not blow or wash pesticide off the treatment area. Rinsing

application equipment over the treated area will help avoid run-off to water bodies or draining systems.

PHYSICAL OR CHEMICAL HAZARDS

DO NOT use or store near heat or open flame.

See inside booklet for additional Precautionary Statements.

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.

See inside booklet for complete Directions for Use.

STORAGE AND DISPOSAL

DO NOT contaminate water, food or feed by storage or disposal.

PESTICIDE STORAGE: Store this product in its original container in a cool, dry (preferably locked) place, in an area that is inaccessible to children and animals. **DO NOT** store above 100°F for extended periods of time. Storage below 32°F may cause freezing. If container is damaged or spill occurs, use product immediately or dispose of product and damaged container as indicated below.

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:

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.

Offer for recycling if available, for reconditioning if appropriate, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

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NVA 2013-05-443-0391
Based on: NVA 2013-04-443-0242
Supersedes: 131003-50

ULD[®] HydroPy-300[®] Formula 2

Pyrethrin Concentrate Insecticide

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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

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See inside booklet for additional insects and use sites.

ACTIVE INGREDIENTS:

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

OTHER INGREDIENTS: 82.0%
TOTAL: 100.0%

* 1 gallon contains 0.25 lb of pyrethrins and 1.25 lb piperonyl butoxide

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EPA Reg. No. 499-511

EPA Est. No. 7969-MO-1

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NET CONTENTS: 1 gal

BASF Corporation
26 Davis Drive
Research Triangle Park, NC 27709



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FIRST AID	
If swallowed	<ul style="list-style-type: none"> • Call a poison control center or doctor immediately 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 on skin or clothing	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15 to 20 min. • Call a poison control center or doctor for treatment advice.
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HOTLINE NUMBER	
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PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Harmful if swallowed. Causes moderate eye irritation. Avoid contact with skin, eyes or clothing. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Wash hands thoroughly with plenty of soap and water after handling, and before eating, drinking, chewing gum, using tobacco or using the toilet.

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

- In addition to the above PPE, applicators using a high pressure handwand in an enclosed area must wear at least a NIOSH-approved respirator with: a dust/mist filter with MSHA/NIOSH approval number prefix TC-21C or any R, P, or HE filter.
- In addition to the above PPE, applicators fogging this product (applying as a space spray) in an enclosed area must wear a half-face, full-face, or hood-style NIOSH-approved respirator with: a dust/mist filtering cartridge (MSHA/NIOSH approval number prefix TC-21C, or a canister approved for pesticides (MSHA/NIOSH approval number prefix TC-14G), or a cartridge or canister with an R, P or HE filter.

USER SAFETY REQUIREMENTS

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

Discard clothing and other absorbent material that have been drenched or heavily contaminated with the product's concentrate. **DO NOT** reuse them.

USER SAFETY RECOMMENDATIONS

Users should:

- Wash hands thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. As soon as possible, wash thoroughly and change into clean clothing.

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 may contaminate water through run-off. This product has a potential for run-off for several months or more 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.

To protect the environment, do not allow pesticide to enter or run off into storm drains, draining ditches gutters or surface waters. Applying this product in calm weather when rain is not predicted for the next 24 hr will help to ensure that wind or rain does not blow or wash pesticide off the treatment area. Rinsing application equipment over the treated area will help avoid run-off to water bodies or draining systems.

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.

READ ENTIRE LABEL BEFORE EACH USE.

USE RESTRICTIONS

- Apply this product only as specified on this label.
- **DO NOT** apply this product directly to domestic (companion animals) such as dogs, puppies, cats or kittens.
- **DO NOT** apply more than 1 time/day.
- Only protected applicators may be in treatment area during application.
- **DO NOT** apply this product in a way that will contact workers or other persons, either directly or through drift.
- Remove pets, birds, and cover fish aquariums before spraying.
- When used as a direct or space spray, do not enter or allow others to enter until sprays have dried.
- For space sprays:
 - **DO NOT** enter or allow others 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 aerosol, vapors and/or mists and aerosols have dispersed and the treated area has been thoroughly ventilated.
- For space spray in residential areas:
 - Use at 0.5% or lower dilution rate.
 - Apply a maximum of 1 fl oz/1,000 ft³.
 - Use only for flying insects, not crawling insects.
- **DO NOT** make outdoor applications during rain.
- **DO NOT** apply directly to impervious horizontal surfaces such as sidewalks, driveways and patios, except as a spot or Crack & Crevice[®] treatment. During application, do not allow pesticide to enter or run off into storm drains, drainage ditches, gutters or surface waters.
- All outdoor applications, if permitted elsewhere on this label, must be limited to spot or Crack & Crevice treatments only, except for the following permitted uses, if allowed elsewhere on this label:
 1. Applications to soil or vegetation, as listed on this label, around structures;
 2. Applications to lawns, turf and other vegetation, as listed on this label;
 3. Applications to the side of a building, up to a maximum height of 3 ft above grade;
 4. Applications to underside of eaves, soffits, doors or windows permanently protected from rainfall by a covering, overhang, awning or other structure;

5. Applications around potential pest entry points into buildings, when limited to a surface band not to exceed 1" in width;
 6. Applications made through the use of a coarse, low pressure spray to only those portions of surfaces that are directly above bare soil, lawn, turf, mulch or other vegetation, as listed on this label, and not over an impervious surface, drainage or other condition that could result in run-off into storm drains, drainage ditches, gutters or surface waters, in order to control occasional invaders or aggregating pests.

- **DO NOT** wet plant to point of run-off or drip.
- **DO NOT** wet articles to point of run-off or drip.
- **DO NOT** use treated articles until spray has dried.
- **DO NOT** water the treated area to the point of run-off.
- Application is prohibited directly into sewers or drains, or to any area like a gutter where drainage to storm sewers, water bodies, or aquatic habitat can occur. **DO NOT** allow the product to enter any drain during or after application.
- **DO NOT** use in aircraft cabins. Use only in cargo areas.
- Remove or cover all 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.
- For space spray applications in food handling and processing facilities:
 - **DO NOT** make applications when facility is in operation.
 - Prior to applications, cover or remove food in the treatment area.
 - Prior to applications, cover food processing surfaces, in the treatment area, or clean after treatment and before use.
- When used in dairy barns or facilities: Close milk bulk tank lids to prevent contamination from spray and from dead or falling insects. Remove or cover milking utensils before application. Wash teats of animals before milking.
- **DO NOT** apply this product in hospital rooms while occupied or in any rooms occupied by the elderly or infirm. Remove patients from room prior to treatment and thoroughly ventilate (2 hr) after application. **DO NOT** return patients to room until after ventilation.
- **DO NOT** use in patient rooms in hospitals and nursing homes for treatment of bed bugs.
- **DO NOT** apply to classrooms when in use.

DILUTION RATES

Dilute only with water. Follow the rates for specific pests and apply in a mechanical sprayer, mist sprayer, mechanical aerosol generator, which produces particles of aerosol size (80% of droplets < 30 microns), or in a pump sprayer or automated misting system[†]. Use the 0.25% rate for maintenance. Use higher rates for clean outs or high insect infestations.

Pyrethrin % Desired	Amount of Concentrate per Gallon of Water*
0.025%	1 fl oz
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 OIL.**

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

APPLICATION INSTRUCTIONS

USED IN COMBINATION WITH OTHER INSECTICIDES: This product may be combined with other insecticides and acaricides where resistance may be a problem, and to flush insects from hiding and into contact with other spray residues. The application must conform to the accepted use precautions and directions for both products.

Prior to tank-mixing, conduct a compatibility test using the proper proportions of chemicals and water to ensure the physical compatibility of the mixture.

Tank mix applications must be made in accordance with the more restrictive of label limitations and precautions. No label application rates may be exceeded. This product cannot be mixed with any product with label prohibitions against such mixing. To provide flushing and quick knockdown, mix 0.50 to 8.0 fl oz/gal. It is recommended that the final spray mix be buffered to a pH of 5.5 to 7.0.

SPACE SPRAY (INDOORS): Apply using a mechanical aerosol generator which creates particles of aerosol size (80% of droplets < 30 microns). Prior to treatment, open cabinets, doors and equipment to be treated; turn off air conditioners and fans, extinguish all flames and close windows in the area to be treated. Disperse toward areas suspected of harboring the greatest infestations of listed pests. 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 1 hr. Open and thoroughly ventilate treated areas before reoccupying. For space treatment in residences, only for flying insects, use at the 0.5% or below rate.

CRACK & CREVICE TREATMENT: Use diluted or undiluted. Apply as a Crack & Crevice treatment into cracks, crevices and void spaces where pests hide, harbor, live and breed (such as behind baseboards, sinks, cabinets, door frames and windows). Place injector tip into cracks, crevices, holes and other small (openings) areas. For lighter infestations, move injector tip along cracks while treating at the rate of 4 ft/sec. For heavier infestations, move injector tip along cracks while treating at the rate of 2 ft/sec. Apply in such a manner that dripping and run-off on structural surfaces is minimized.

VOID TREATMENT: 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 1 fl oz/1,000 ft³. Apply in such a manner that dripping and run-off on structural surfaces is minimized.

DIRECT SPRAY OR VOID INJECTION: Use equipment designed for space or mist treatments. Follow the manufacturer's recommendations for proper equipment setup and operation. Place the tip of the applicator at or into the crack or crevice or opening to the void. Apply in short bursts into area being treated. Apply 1 sec of product for every 3 ft³ of void area. **For Direct Spray**, apply the product in short bursts into the area where insects are to be contacted, such as corners of the room, behind and under furniture or other equipment. Apply from a distance of 18 to 24" away from the surface and allow the material to drift to area to be treated. The amount of product applied is not to exceed 0.5 fl oz/1,000 ft³.

INDOOR TREATMENTS

FLYING INSECTS (such as Cluster Flies, Flies, Gnats, Mosquitoes, Moths, Small Flying Moths and Webbing Clothes Moths): Apply as a crack and crevice, void treatment, direct spray, or space spray at 0.125% to 3.0%, using 1.0 fl oz concentrate/1,000 ft³ of space. Close all windows and doors. Direct aerosol upward and disperse in all locations. **DO NOT** remain in treated areas after application. Keep area closed for at least 1 hr. Open and thoroughly ventilate treated areas before reoccupying.

CRAWLING INSECTS (such as Ants (excluding Harvester), Booklice, Carpet Beetles, Centipedes, Clothes Moths, Clover Mites, Cockroaches, Crickets, Dermestid Beetles, Earwigs, Firebrats, Fleas, Millipedes, Scorpions, Silverfish, Sowbugs and Spiders (excluding Black Widow and Brown Recluse)): *Crack & Crevice, Void, Direct Spray and/or Space Treatment:* Apply at 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. **DO NOT** apply as a space spray in residences.

STORED PRODUCT PESTS (such as Angoumois Grain Moths, Cadelles, Carpet Beetles, Chocolate Moths, Cigarette Beetles, Dermestid Beetles, Dried Fruit Beetles, Drug Store 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 crack and crevice, void treatment, direct spray, or space spray at 1% to 3%, using 1.0 fl oz concentrate/1,000 ft³ of space. Use only in areas where food is not exposed. Thoroughly clean all food preparation areas after treatment and before food is exposed. Direct aerosol upward and disperse in all locations. **DO NOT** remain in treated areas after application.

Keep area closed for at least 1 hr. Open and thoroughly ventilate treated areas before reoccupying. **DO NOT** apply as a space spray in residences.

TICKS: Apply as a space spray or Crack & Crevice treatment. *Space Spray:* Apply at 1% to 3%, using 0.5 to 1.0 fl oz concentrate/1,000 ft³ of space. *Crack & Crevice Treatment or Void Injection:* Apply at 1% to 3% to cracks and crevices or structural voids around baseboards, floorboards, bed boards and walls.

BED BUGS: Thoroughly inspect area of suspected bed bug infestation, and note potential harborage sites or actual infestations. Prior to treatment, please ensure that infested bedding (pillows and linens), clothing and other items or obstacles have been removed from the area that may prevent thorough inspection or treatment. Apply to mattresses as a spot treatment to mattress seams, edges and tufts of bed only. **DO NOT** use directly on pillows, bed linens or clothes. **DO NOT** saturate the mattress; and do not treat entire surface area of mattress. Allow mattress to dry thoroughly before replacing pillows and/or bed linens.

Bed bugs may also harbor in areas of the room away from the bed. Apply as a Crack & Crevice or spot application 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 and mirrors, wallpaper edges and popcorn ceilings. Remove all clothes and other articles from dressers or closets before application. Take bed apart. Treat joints and channels, if hollow, such as square or round tubing, and see that interior framework is treated. Apply as a surface application to carpeting, drapes and flooring. Allow all treated areas to dry thoroughly before use. **DO NOT** apply as a space spray in residences.

FLEAS: Apply as a directed or space spray to infested areas at 1% to 3%. Remove or cover animal feed and drinking water before spraying. To control the source of flea infestations, treat pets with a product registered for such use. **DO NOT** apply as a space spray in residences.

DARKLING BEETLES: Empty poultry houses and apply, undiluted, as a space spray using 0.25 fl oz concentrate/1,000 ft³ of space. Keep closed for 1 hr. Thoroughly ventilate (24 hr) before returning 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 1% to 3%.

CRAWLING INSECTS [such as Ants (excluding Harvester), Booklice, Carpet Beetles, Centipedes, Clothes Moths, Clover Mites, Cockroaches, Crickets, Dermestid Beetles, Earwigs, Firebrats, Fleas, Millipedes, Scorpions, Silverfish, Sowbugs and Spiders (excluding Black Widow and Brown Recluse)]: *Crack & Crevice, Void and/or Direct Spray:* Apply at 1% to 3% into cracks, crevices and structural voids as well as behind baseboards, sinks, cabinets, door frames and windows, and inside and around food conveying, processing and handling equipment.

OUTDOOR TREATMENTS

MOSQUITOES, FLIES, MIDGES AND GNATS: Dilute to 0.05% to 0.125% when applying with mechanical, electrical, fogging or automated misting* equipment. To combat these pests in open areas near homes, buildings and in campgrounds, allow product to drift through shrubbery, vegetation and other harborage/resting areas. 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.

PERIMETER TREATMENT: To reduce infestations of buildings, treat a band of soil 6 to 10 ft wide around and adjacent to building. Also treat the building foundation up to a maximum height of 3 ft above grade. Applications around potential pest entry points where pests are active and may find entrance into buildings are limited to a surface band not to exceed 1" in width. Treat the underside of eaves, soffits, doors, windows, under siding and eaves of structures. This product may be applied in compressed air, backpack or low pressure power spray equipment at the rate of 1% to 3%. Apply in sufficient water to adequately cover the area being treated. Apply in such a manner to limit dripping and run-off, and do not allow this product to enter or run-off into storm drains, drainage ditches, gutters or surface waters.

OUTDOOR RESIDENTIAL MISTING SYSTEMS: Use at 0.025% (1:108) to 0.108% (1:27).

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

AUTOMATIC SPRAYING SYSTEM DILUTION TABLE				
Rate/Dilution Ratio	Mixing Rate 1 Gallon Tank	Mixing Rate 55 Gallon Tank	Gallons/Day/ 1,000 ft ³	Finished Spray/Day/ 1,000 ft ³
0.025% (1:108)	1 fl oz	64 fl oz	0.055 gal	7 fl oz
0.050% (1:54)	2 fl oz	128 fl oz	0.027 gal	3.5 fl oz
0.108% (1:27)	4 fl oz	256 fl oz	0.014 gal	1.75 fl oz

USE RESTRICTIONS

- When using this product, installers and service technicians must comply with the license, certification or registration requirements of the state(s), tribe(s) or local authority(ies) where they are installed.
- If the system works on an automatic timer, set the timing for application when people, pets and food are unlikely to be present.
- If the system works when a person operates a remote activation device, then application of this pesticide when people, pets and food are present is prohibited.
- **DO NOT** use in an evaporative cooling system.
- Direct nozzles to spray towards the target area and away from swimming pools, water bodies, or eating and cooking areas.
- **DO NOT** set nozzles to direct mist near outside air condition systems or other home air intakes.
- If used in a system with a reservoir tank for the end use dilution, the system reservoir tank must be locked. Securely attach the end use pesticide label and a dilution statement to the system reservoir tank in a weather protected area or plastic sleeve. The dilution statement must be phrased as follows: This container holds ___ parts [product name] to ___ parts water."
- If used in a direct injection system, the pesticide container must be locked. Securely attach the end use label to the pesticide container in a weather protected area or plastic sleeve.
- Contact the system manufacturer for guidance or assistance to ensure compliance with the following requirement:
This product must only be used in systems that have been calibrated to apply no more than the maximum application rate equal to 0.00011 lb pyrethrins per 1,000 ft³/day.

LIVESTOCK ANIMALS

For Treatment of Livestock Animals: Use to protect beef cattle, dairy cattle and horses from horn flies, house flies and gnats; apply a light mist sufficient to wet the tips of the hair. To kill stable flies on beef cattle, dairy cattle and horses, apply 2 fl oz/adult animal, sufficient to wet the hair but not to soak the hide. Repeat every 2 to 3 weeks as required, but do not apply more than 1 time/day. **DO NOT apply this product directly to domestic (companion animals) such as dogs, puppies, cats or kittens.**

Space Treatment Over Animals in Barns and Corrals or in Indoor Misting Systems Used in Commercial Barns, Stables and Animal Quarters: Select proper dilution and treat with ULD equipment over animals, or apply through Indoor Misting Systems.

USE RESTRICTIONS FOR INDOOR MISTING SYSTEMS

- Not for use in outdoor residential misting systems (indoor or outdoor). See URBAN MISTING SYSTEMS under OUTDOOR TREATMENTS for directions for use in Urban/Residential automated misting systems.
- **DO NOT** apply this product in barns or stables where animals intended for slaughter or human consumption will be maintained.
- **DO NOT** apply when food, feed and/or water is present.
- When using this product, installers and service technicians must comply with the license, certification or registration requirements of the state(s), tribe(s) or local authority(ies) where they are installed.

- When applying via a remote activation device, do not apply when people and pets are present. If possible, when applying via automatic timer, set the timing for application when people and pets are unlikely to be present.
- Direct nozzles to spray towards the target area and away from areas where people are typically present.
- **DO NOT** use in evaporative cooling system.
- **DO NOT** use in misters located within 3 ft of air vents, air conditioner units or windows.
- If used in a system with a reservoir tank for the end use dilution, the system reservoir tank must be locked. Securely attach the end use pesticide label and a dilution statement to the system reservoir tank in a weather protected area or plastic sleeve. The dilution statement must be phrased as follows: This container holds ___ parts *[product name]* to ___ parts water.
- If used in a direct injection system, the pesticide container must be locked. Securely attach the end use label to the pesticide container in a weather protected area or plastic sleeve.
- This product must only be used in systems that have been calibrated to apply no more than the maximum application rate of 0.0033 lb/1,000 ft² (no animals present) [diluted to 1% = 4.5 fl oz/1,000 ft² = 0.0833 lb/gal] or 0.0008 lb/1,000 ft² (animals present) [diluted to 1% = 0.0007 lb/fl oz = 0.0833 lb/gal].

STORAGE AND DISPOSAL

DO NOT contaminate water, food or feed by storage or disposal.

PESTICIDE STORAGE: Store this product in its original container in a cool, dry (preferably locked) place, in an area that is inaccessible to children and animals. **DO NOT** store above 100°F for extended periods of time. Storage below 32°F may cause freezing. If container is damaged or spill occurs, use product immediately or dispose of product and damaged container as indicated below.

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:

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.

Offer for recycling if available, for reconditioning if appropriate, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

In addition to previously listed sites, this product 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
Calf 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
Grain Elevators
Grain Handling Equipment
Grain Mills
Granaries
Hog Operations
Homes
Horse Barns
Horse Stables
Hospices
Hospitals
Hotels
Industrial Installations
Institutions

INDOORS: (continued)

Jails
Kennels
Laboratories
Libraries
Livestock Barns
Loafing Sheds
Locker Rooms
Mausoleums
Meat Packing Plants
Meat, Poultry and Egg Processing Facilities
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 Processing Facilities
Tobacco Warehouses

(continued)

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

INDOORS: *(continued)*

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

OUTDOORS: *(continued)*

Drive-in Theaters
Dumpsters
Feedlots
Garbage Dumps
Golf Courses
Junkyards
Kennels
Landscapes
Lath Houses
Manure Piles
Parks
Recreational Areas
Sewers
Swineyards
Meat, Poultry and Egg Processing Facilities
Zoos

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

FLYING INSECTS:

Barn Flies
Black Flies
Blow Flies
Bottle Flies
Cheese Skippers
Cluster Flies
Deer Flies
Flies
Fruit Flies
Gnats
Horn Flies
Horse Flies
House Flies
Midges
Mosquitoes
Mushroom Flies
Paper Wasps
Skipper Flies
Stable Flies
Vinegar Flies

GRAIN BORERS:

Larger Grain Borers
Lesser Grain Borers

CRAWLING INSECTS:

Ants (excluding Harvester)
Bed Bugs
Booklice
Boxelder Bugs
Cabbage Loopers
Cabbage Worms
Carpenter Ants

CRAWLING INSECTS: *(continued)*

Cockroaches
Crickets
Earwigs
Fire Ants
Firebrats
Mealy Bugs
Millipedes
Pill Bugs
Psocids
Scorpions
Silverfish
Sowbugs
Spring Tails

FLEAS AND TICKS:

Brown Dog Ticks
Fleas
Sheep Ticks
Spinose Ear Ticks
Ticks

SPIDERS & MITES:

Cheese Mites
Clover Mites
Grain Mites
Red Spider Mites
Spiders (excluding Black Widow and Brown Recluse)

WORMS:

Dark Mealworms
Lesser Mealworms
Mealworms
Yellow Mealworms

(continued)

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

BETLES:

American Black Flour Beetles
Black Carpet Beetles
Black Fungus Beetles
Broadhorned Flour Beetles
Brown Spider Beetles
Cadelles
Carpet Beetles
Catorama 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
Granary Weevils
Maize Weevils
Rice Weevils

MOTHS:

Almond Moths
Angoumois Grain Moths
Chocolate Moths
Clothes Moths
Cocoa Bean Moths
European Grain Moths
Indianmeal Moths
Mediterranean Flour Moths
Moths
Pink Scavenger Caterpillars
Rice Moths
Small Flying Moths
Tobacco Moths
Webbing Clothes Moths

CONDITIONS OF SALE AND WARRANTY

Follow the **Directions for Use**. It is impossible to eliminate all risks inherently associated with use of this product, and therefore all such risk shall be assumed by the Buyer. BASF warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the **Directions for Use**, subject to the inherent risks, referred to above. **TO THE EXTENT CONSISTENT WITH APPLICABLE LAW: (A) BASF MAKES NO OTHER WARRANTIES EXPRESS OR IMPLIED, INCLUDING WARRANTIES OF FITNESS FOR PARTICULAR PURPOSE OR MERCHANTABILITY, (B) BUYER'S EXCLUSIVE REMEDY AND BASF'S AND SELLER'S EXCLUSIVE LIABILITY, WHETHER IN CONTRACT, TORT, NEGLIGENCE, STRICT LIABILITY, OR OTHERWISE, SHALL BE LIMITED TO REPAYMENT OF THE PURCHASE PRICE OF THE PRODUCT, AND (C) BASF AND THE SELLER DISCLAIM ANY LIABILITY FOR CONSEQUENTIAL, INCIDENTAL, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT.** BASF and the Seller offer this product, and the Buyer accepts it, subject to these **Conditions of Sale and Warranty** which may be varied only by agreement in writing signed by a duly authorized representative of BASF. PCS813

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