

.6875" ← 1.50" → .6875"

4"

Cyhalocap® CS
Controlled Release Insecticide

Panel to Open

ACTIVE INGREDIENT:
Lambda-cyhalothrin¹
[1α (S*), 3α (Z)]-(+/-)-cyano-(3-
phenoxyphenyl) methyl-3-(2-chloro-
3,3-trifluoro-1-propenyl)-2,2-
dimethylcyclopropanecarboxylate. 9.7%

OTHER INGREDIENTS: 90.3%

TOTAL: 100.0%

¹ Synthetic pyrethroid, capsule suspension
(microencapsulated)

EPA Reg. No. 499-535
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 and Disposal.

NET CONTENTS: 1 pt (16 fl oz)

BASF Corporation
26 Davis Drive
Research Triangle Park, NC 27709



8 04338 11769 6
NVA2013-05-456-0451 81051852 30472200



4.25"

2.875"

book base

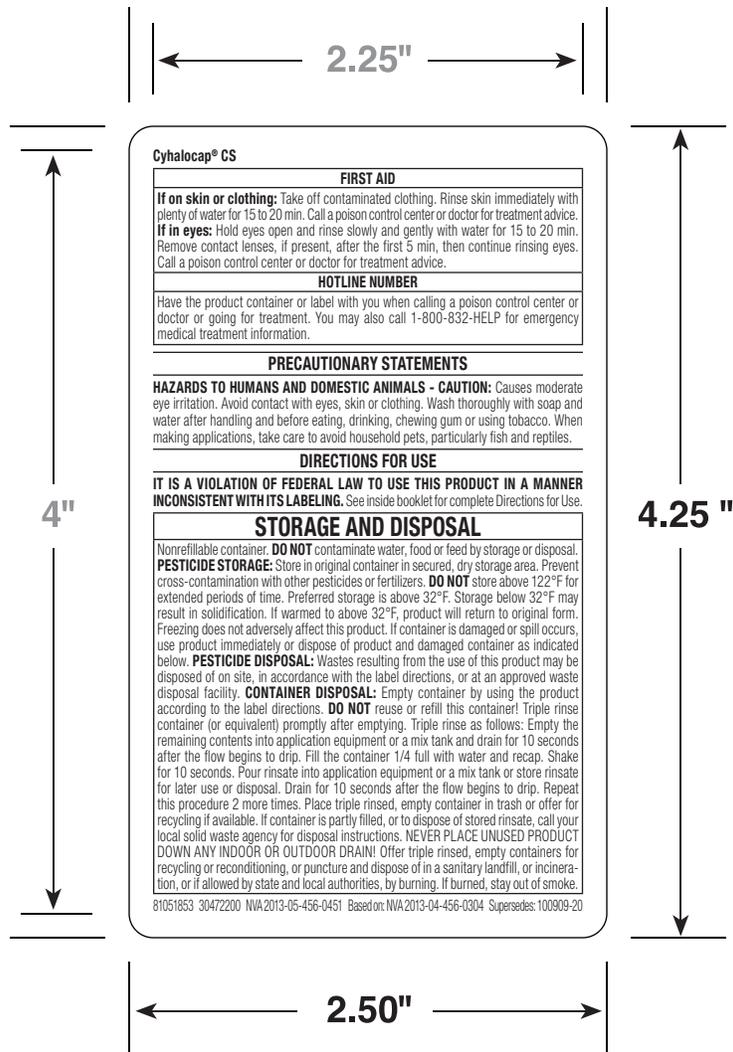


Department of Agriculture
STATE OF HAWAII

LICENSED

PERIOD 2014-2016 LIC. NO.

9131.195



back

1.625"

3.875"

4.25"

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Controlled Release Insecticide

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BASF Corporation
26 Davis Drive
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81051852
30472200



1.875"

1.4375"

3.875"

4.25"

CONTROLS: Ants, Bed Bugs, Bees, Boxelder Bugs, Cadelles, Carpenter Ants, Carpenter Bees, Carpet Beetles, Centipedes, Chocolate Moths, Cigarette Beetles, Clover Mites, Cluster Flies, Cockroaches, Crickets, Darkling Beetles, Dermestids, Drugstore Beetles, Earwigs, Elm Leaf Beetles, Fire Ants, Firebrats, Fleas, Flies, Flour Beetles, Grain Weevils, Grasshoppers, Hide Beetles, Hornets, Indianmeal Moths, Larder Beetles, Lesser Grain Borers, Lesser Mealworms, Loopers, Mediterranean Flour Moths, Merchant Grain Beetles, Mealworms, Millipedes, Mosquitoes, Psocids, Rice Weevils, Saw-toothed Grain Beetles, Scorpions, Silverfish, Sowbugs, Spiders, Springtails, Termites, Ticks, Yellowjackets, Warehouse Moths, Wasps, Wood Wasps, Wood-infesting Borers and Beetles

FOR USE IN AND AROUND: Apartments, Calf Hutches, Calving Pens and Parlors, Campgrounds, Commercial and Industrial Buildings, Correctional Facilities, Dairy Areas, Decks, Empty Chicken Houses, Fencing, Food Processing Plants, Food Storage Areas, Grain Mills, Granaries, Greenhouses (non-commercial), Hog Barns, Homes, Horse Barns, Hospitals, Hotels, Laboratories, Landscape Vegetation, Locker Rooms, Machine Rooms, Mausoleums, Meat Packing Plants, Milkrooms, Mobile Homes, Motels, Mulch, Nursing Homes, Offices, Patios, Pet Kennels, Porches, Rabbit Hutches, Resorts, Restaurants and other Food Handling Establishments, Schools, Storage Rooms, Sewers (dry), Stores, Supermarkets, Transportation Equipment (Buses, Boats, Planes†, Ships, Trains, Trucks), Utility Passages, Utilities, Vestibules, Warehouses and Wineries

*DO NOT use in aircraft cabins.

1.875"

1.4375"

3.875"

4.25"

FIRST AID	
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. You may also call 1-800-832-HELP for emergency medical treatment information.	

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Causes moderate eye irritation. Avoid contact with eyes, skin or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum or using tobacco. When making applications, take care to avoid household pets, particularly fish and reptiles.

3

1.875"

← 1.4375" →

3.875"

ENVIRONMENTAL HAZARDS

This product is extremely toxic to fish. **DO NOT** apply when weather conditions favor drift from treated areas. Drift and runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. To protect the environment, **DO NOT** allow pesticide to enter or run off into storm drains, drainage 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 runoff to water bodies or drainage systems.

This product is highly toxic to bees exposed to direct treatment or residues on blooming crops or weeds. **DO NOT** apply this product, or allow it to drift, to blooming crops or weeds if bees are visiting the treatment area.

PHYSICAL OR CHEMICAL HAZARDS

DO NOT apply this product in or around electrical equipment due to the possibility of shock hazard.

DIRECTIONS FOR USE

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

GENERAL INFORMATION

Apply this product only as specified on this label. This product is a flowable, microencapsulated concentrate, containing 0.5 lb of

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← 1.4375" →

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↓ 4.25"

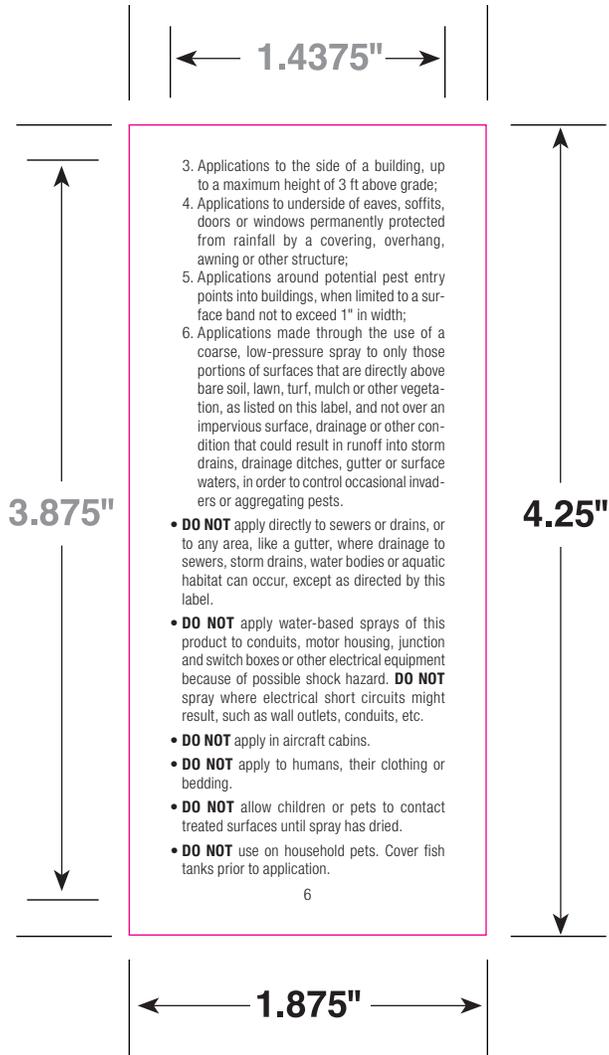
lambda-cyhalothrin per gallon. This product may be used on any surface which will not be damaged or stained by water. Heavy applications may leave a visible deposit. On some surfaces, this deposit can be removed with a damp cloth or sponge.

In situations where conventional application methods have not or are not likely to provide adequate coverage, Micro-Injector[®], foam generating equipment, or similar machines, can be used to provide a continuous coverage. Use drier foam inside wall voids to avoid any water damage or electrical short circuits. Refer to section entitled "Foam Application Use Directions".

USE RESTRICTIONS

- **DO NOT** make outdoor applications during rain.
- **DO NOT** apply this product through any type of irrigation system.
- **DO NOT** water the treated area to the point of runoff.
- **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;

← 1.875" →



← 1.4375" →

3.875"

- **DO NOT** allow applications to contact water inhabited by fish, such as in aquariums and ornamental fish ponds, that are located in and/or around structures being treated.
- **DO NOT** apply this product in patient rooms while occupied, or in any rooms while occupied by the elderly or infirm.
- **DO NOT** apply to classrooms when in use.
- Avoid contamination of food, feedstuffs or water supply. **DO NOT** contaminate food preparation surfaces, kitchen utensils, dishes or feed storage containers. Any food/feed contact surfaces and cooking utensils, in the treatment area, should be covered during treatment or thoroughly cleaned before using.
- **DO NOT** apply this product to edible growing crops or stored raw agricultural commodities.

MIXING INSTRUCTIONS

Thoroughly clean spray equipment before using this product. Shake concentrate well before diluting. When diluting, first add approximately one-half of the water to the spray tank, then add the proper amount of this product. When emptying the bottles, triple rinse with water, shake well and add the rinsate to the spray tank. Add the rest of the water and agitate the sprayer thoroughly. Agitate sprayer occasionally during use to ensure even mixture. Shake or reagitrate sprayer if spraying is interrupted or if dilution is left in sprayer overnight. If spray screens are used, they should be 50 mesh or larger.

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4.25"

← 1.875" →

← 1.4375" →

SPRAY DILUTION CHART

Application Rate	Amount of Water	% of λ-cyhalothrin in Finished Spray	Area of Coverage (ft²)
0.2 fl oz	1 gal	0.015%	800 to 1,200 ft²
0.4 fl oz	1 gal	0.030%	800 to 1,200 ft²
0.8 fl oz	1 gal	0.060%	800 to 1,200 ft²

Use the higher rate for clean-outs, for longer residual control or for high insect infestations.

MIXING CHART FOR MULTIPLE GALLONS

Gallons	% of λ-cyhalothrin in Finished Spray		
	0.015%	0.030%	0.060%
1	0.2 fl oz	0.4 fl oz	0.8 fl oz
2	0.4 fl oz	0.8 fl oz	1.6 fl oz
5	1.0 fl oz	2.0 fl oz	4.0 fl oz

VOID/CRACK & CREVICE® APPLICATION

To treat insects harbored in voids and in cracks and crevices, apply with equipment designed for Crack & Crevice or void 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 or crevice to be treated. Apply product in short bursts while keeping tip in position. Allow the air stream to push insecticide deep into voids. Application should be made in such a manner to limit dripping and runoff on structural surfaces and plants.

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3.875"

4.25"

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← 1.4375" →

↑ 3.875" ↓

FOAM APPLICATION USE DIRECTIONS: This product can be converted to foam and the foam used to treat structural voids to control insect and arthropod pests in walls, under slabs or in other void areas. Apply as a dry foam (approximately 25:1). Fill void with foam so that all surfaces are contacted. Mix end-use dilution of this product with manufacturer's recommended volume of foaming agent. Use the recommended rate suspension converted to foam to achieve the desired foam expansion ratios. Verify before treatment that the foaming agent is compatible with this product.

FOOD AREAS OF FOOD HANDLING ESTABLISHMENTS

Food handling establishments are defined as places other than private residences in which exposed food is held, processed, prepared or served. Food areas are areas for receiving, storing, packing (canning, bottling, wrapping, boxing), preparing, edible waste storage and enclosed processing systems (mills, dairies, edible oils, syrups) of food. Serving areas, where food is exposed and the facility is in operation, are also considered food areas.

Product applications in food areas of food handling establishments are limited to Crack & Crevice or spot treatment. Apply in small amounts directly into cracks and crevices, using equipment capable of delivering a pin stream of insecticide, in points between different elements of construction, between equipment and floor, openings leading to voids and hollow spaces in walls, equipment and bases. Clean food contact surfaces and equipment with an effective cleaning compound and rinse with potable water before using.

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↓ 4.25" ↑

← 1.875" →

← 1.4375" →

3.875"

4.25"

1.875"

Limit individual spot treatments to an area no larger than 20% of the treated surface. Individual spot treatments should not exceed 2 ft². Take extreme care that the product is not introduced into the air. Avoid contamination of food and food processing surfaces.

Application within Food Serving Areas (facilities where foods are served, such as dining rooms): DO NOT apply when facility is in operation or foods are exposed. Apply as a Crack & Crevice or spot treatment to selective surfaces such as baseboards, under elements of construction and into cracks and crevices. Avoid treating surfaces likely to be contacted by food. Cover or remove food in the area being treated. **DO NOT** apply directly to food or allow applications to contaminate food.

APPLICATION OF THIS PRODUCT IN THE FOOD AREAS AND/OR FOOD SERVICE AREAS OF FOOD HANDLING ESTABLISHMENTS, OTHER THAN AS A CRACK & CREVICE OR SPOT TREATMENT, IS NOT ALLOWED.

INDOOR TREATMENTS

Apply as a Crack & Crevice residual product where insects may be hiding, living and breeding and/or for selected spot application. Retreat at 21 day intervals or as necessary to maintain control.

When using in food/feed areas of food/feed handling establishments, restaurants or other areas where food/feed is commercially prepared or processed, refer to the section entitled "Food/Feed Areas of Food Handling Establishments" for use directions. Non-food/feed areas are areas such as garbage rooms, restrooms, floor drains (to sewers), entries and vestibules,

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1.4375"

3.875"

offices, locker rooms, machine rooms, boiler rooms, garages, mop closets and storage (after canning or bottling).

CENTIPEDES, COCKROACHES, CRICKETS, DERMESTIDS, EARWIGS, FIREBRATS, MILLIPEDES, PSOCIDS, SILVERFISH, SOWBUGS AND SPIDERS: Make spot treatment and/or Crack & Crevice injections into hiding places such as cracks and crevices, void areas, moist areas, openings around pipes and sinks and under refrigerators.

FLIES: Make spot applications of this product on surfaces where flies rest in the dark at night or frequent during the day, such as window frames, screens, trash cans, ceilings and upper wall surfaces.

CARPET BEETLES (DERMESTIDS): Treat along edges of carpet, under carpet edge, furniture, throw rugs and as a Crack & Crevice application in closets and other shelving where infested items are stored. **DO NOT** treat clothing with this product.

BED BUGS: Allow treated articles to dry thoroughly before use. Take bed apart. Treat joints and channels, if hollow, such as square or round tubing, and see that the interior framework is treated. Treat mattresses, especially tufts, folds and edges. Cover mattresses with outer sheets before use. Also treat other areas where bed bugs may be harboring such as box springs, furniture and wall voids, and behind headboards, wall hangings, baseboards and crown moldings.

TICKS: Apply as a spot and/or Crack & Crevice treatment in infested and egg laying areas, such as pet resting quarters, nearby cracks and crevices, behind baseboards, door and window frames. Replace pet's old bedding with clean,

4.25"

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fresh bedding after treatment. **DO NOT** treat pets with this product.

ANTS: Inject cracks, crevices and voids where ants may be traveling and/or harboring, including but not limited to, around doors, window frames, and other structural cracks, crevices and voids. Spot treatment of trails and feeding areas may also be made.

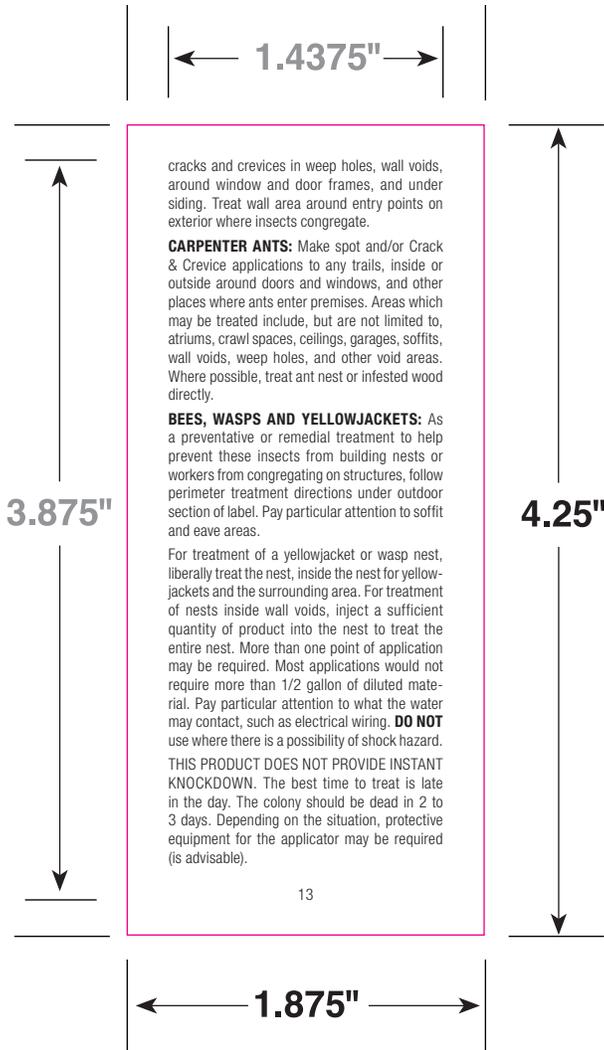
STORED PRODUCT PESTS (exposed adult and immature stages): Before storing products, treat warehouses, production facilities, storage areas, rail cars, truck beds, and other areas where products are stored, with this product. Apply as a spot and/or Crack & Crevice treatment to cracks, crevices and surfaces where pests have been seen or may have harborage. Apply as a spot and/or Crack & Crevice treatment in pantries and other areas, where food may be stored, in a home or other structures. This product may be used to treat grain storage facilities, and other listed areas, for stored product pest control. Cleaning areas prior to use of this product will increase levels of control. Any foodstuffs infested with pests should be removed and destroyed.

INDOOR AND OUTDOOR TREATMENTS

HIBERNATING STAGES OF BOXELDER BUGS, ELM LEAF BEETLES, CENTIPEDES, CLUSTER FLIES, CLOVER MITES, COCKROACHES, CRICKETS, DERMESTIDS, EARWIGS, FIREBRATS, MILLIPEDES, PSOCIDS, SILVERFISH, SOUBUGS AND SPIDERS: Inject cracks, crevices and/or voids where these insects may be harboring or hibernating. Infested areas include, but are not limited to,

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4.25" ↑

WOOD DESTROYING INSECTS

LOCALIZED TREATMENT OF WOOD-INFESTING INSECTS - Beetles and Borers (such as the following families): *Anobiidae, Bostrichidae, Buprestidae, Cerambycidae, Lyctidae, Oedemeridae, Sesiidae* and Termites: Locate suspected infestation and/or insect tunnels and cavities. Drill pilot holes into insect tunnels, gallery and inaccessible closed voids. Drill holes 8 to 10" apart to ensure thorough coverage. Inject 5 to 10 seconds per hole. **DO NOT** contact electrical wiring, plumbing, etc.

TERMITES: To inhibit termite infestations, treat exposed tubing, cracks or cold joints in concrete or other structural interstices. Treat exposed surfaces to cover thoroughly, but avoid excess runoff. This type of application is intended to be a supplemental treatment for control of drywood and above ground subterranean termites and other wood-infesting insects. It is not intended to be a substitute for soil treatment or for extensive infestation of drywood or other wood-infesting insects. To treat for severe infestations or for treatments under slabs, in basements and buildings with insufficient crawlspace, use a registered termiticide.

OUTDOOR TREATMENTS

CONTROLS: Ants, Boxelder Bugs, Carpenter Ants, Carpenter Bees, Carpet Beetles, Centipedes, Clover Mites, Cluster Flies, Cockroaches, Crickets, Dermestids, Earwigs, Elm Leaf Beetles, Fleas, Flies, Grasshoppers, Millipedes, Mosquitoes, Psocids, Scorpions, Silverfish, Sowbugs, Spiders and Ticks

Follow the instructions for outdoor applications under Use Restrictions. This product can be

← 1.875" →

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3.875"
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used as a residual treatment on outdoor surfaces and/or as a crack, crevice and void treatment of buildings, porches, window frames, eaves, patios, garages, garbage dumps and other areas where pests congregate or enter premises. Repeat treatment as necessary to maintain effectiveness, but not more than twice per week. Treatments must be at least 3 days apart.

This product can be used as a residual treatment to control pests in outdoor void areas, such as meter boxes and manholes. Repeat treatment as necessary, but not more than twice per week. Treatments must be at least 3 days apart.

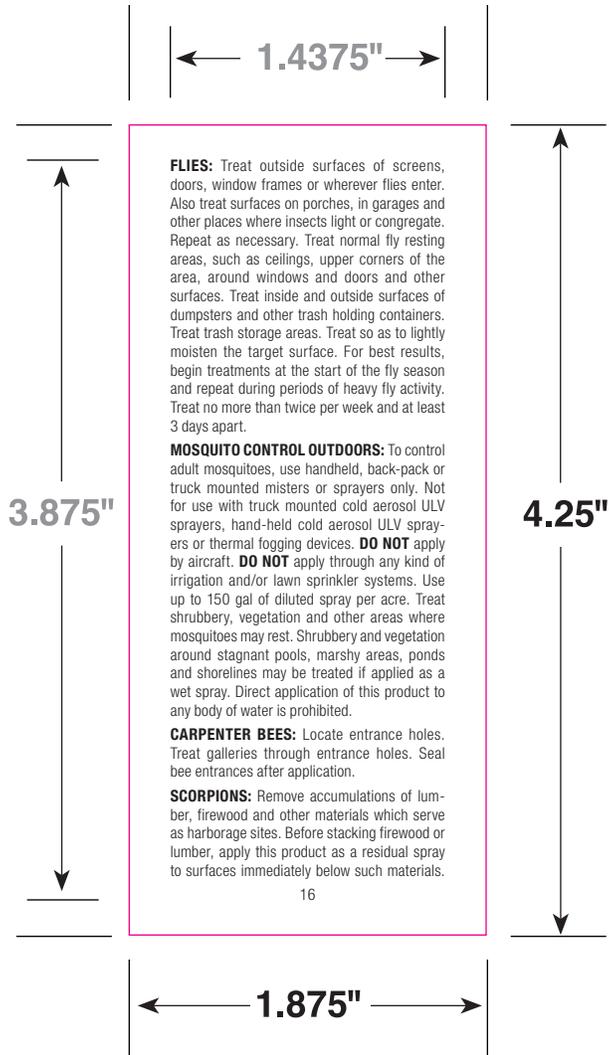
PERIMETER TREATMENT: To help prevent infestations of buildings, treat a band of soil 6 to 10 ft wide around and adjacent to the building. Also treat the building foundation to a height of 2 to 3 ft where pests are active and may find entrance. Treat other insect entry points, such as doors, windows, under siding and eaves of structure. This product may be applied in compressed air, backpack or power spray equipment. Apply at 0.2 to 0.8 fl oz of concentrate per 1,000 ft² in a sufficient amount of water to adequately cover the area being treated. Apply in such a manner to limit dripping and runoff on structural surfaces.

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SUGGESTED MIXING CHART FOR LARGER TANK SIZES	
Tank Size (Gallons)	Suggested Amount of Concentrate per Tank (fl oz)
15	0.8 to 3.2
25	1.0 to 4.0
50	2.0 to 8.0
100	4.0 to 16.0

15

← 1.875" →



1.4375"

3.875"

4.25"

Band treatment may also be helpful in reducing pests immigrating from surrounding areas.

CRAWLING INSECTS - including, but not limited to, Ants, Cockroaches, Crickets, Earwigs, Sowbugs, and Spiders: For treatment of infestations of these insects on structures and in outdoor areas which are landscaped, planted, mulched or unmaintained. For ants, treat mounds and runways. Repeat applications as infestation warrants and as reinfestations occur. Apply this product to cracks and crevices where insects may enter premises, to surrounding areas and to areas where insects may congregate. Areas to be treated include, but are not limited to, weep holes, under siding, wall voids, soffits, around attic vents, cracks and crevices, openings around windows, doors and pipes. Treatment of infested fences and tree holes is permitted.

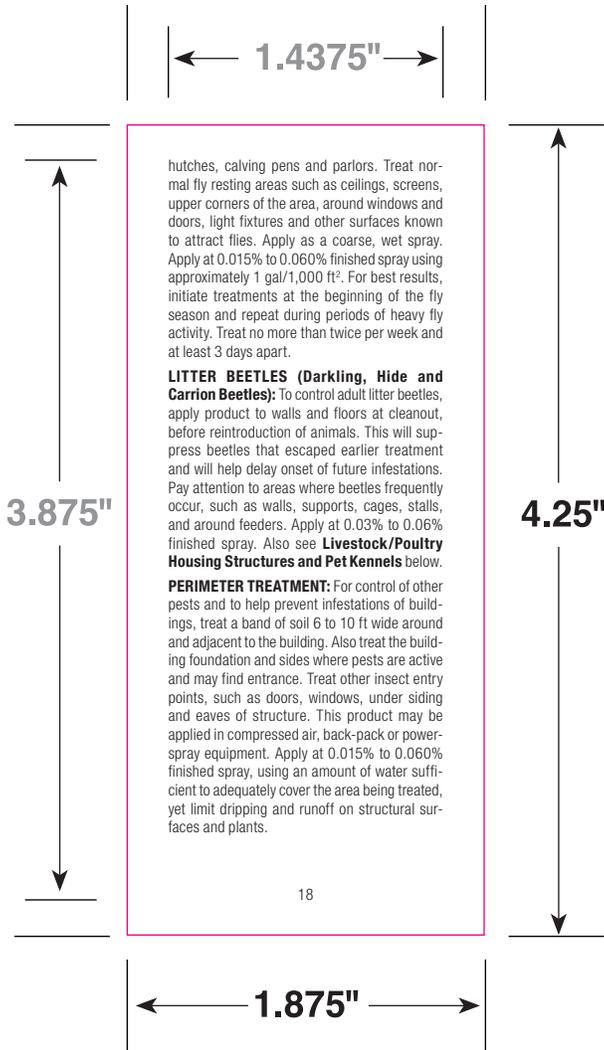
FLEAS: Treat infested areas.

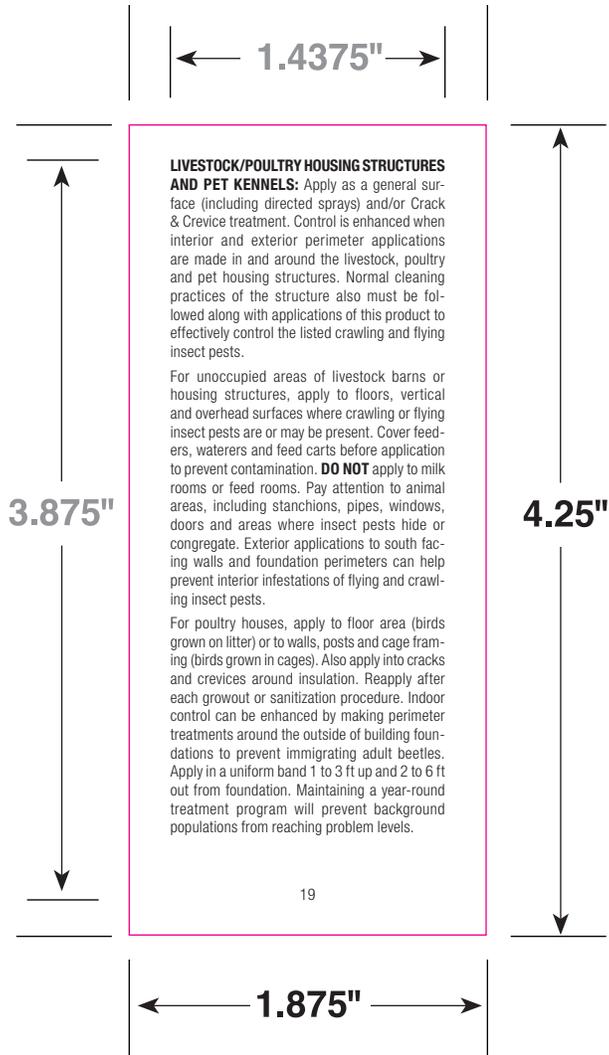
USE IN AND AROUND LIVESTOCK HOUSING

MAY BE USED IN AND ON OUTSIDE SURFACES OF OTHER BUILDINGS. Follow the instructions for outdoor applications under Use Restrictions. **DO NOT** apply to lactating or food animals. **DO NOT** contaminate milk, food or drinking water. Remove all animals prior to applying to housing. **DO NOT** apply or allow insecticide to drift onto animals. **DO NOT** allow animals to enter treated areas until surfaces are dry.

HOUSE FLIES AND STABLE FLIES: For residual control of these pests on outdoor surfaces and in animal areas, such as dog kennels, hog barns, horse barns, empty chicken houses, rabbit hutches, dairy areas, milkrooms, calf

1.875"





← 1.4375" →

3.875"

DO NOT make interior applications of this product in areas of facility where animals other than cattle or calves are present. Allow treated surfaces to completely dry before restocking the facility.

DO NOT make applications to any animal feed-stuffs, water or watering equipment.

DO NOT contaminate any animal food, feed or water in and around livestock, poultry or pet housing when making applications.

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Store in original container in secured, dry storage area. Prevent cross-contamination with other pesticides or fertilizers. **DO NOT** store above 122°F for extended periods of time. Preferred storage is above 32°F. Storage below 32°F may result in solidification. If warmed to above 32°F, product will return to original form. Freezing does not adversely affect this product. 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, in accordance with the label directions, or at an approved waste disposal facility.

(continued)

4.25"

← 1.875" →

← 1.4375" →

3.875"

4.25"

STORAGE AND DISPOSAL
(continued)

CONTAINER DISPOSAL: 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 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure 2 more times. Place triple rinsed, empty container in trash or offer for recycling if available. If container is partly filled, or to dispose of stored rinsate, call your local solid waste agency for disposal instructions. **NEVER PLACE UNUSED PRODUCT DOWN ANY INDOOR OR OUTDOOR DRAIN!**

Offer triple rinsed, empty containers for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

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← 1.875" →

← 1.4375" →

3.875"

4.25"

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

22

← 1.875" →

