



## OFFICE OF CHEMICAL SAFETY AND POLLUTION PREVENTION

WASHINGTON, D.C. 20460

February 23, 2026

Amy Dugger-Webster  
Senior Regulatory Affairs Manager  
BASF Agricultural Solutions US LLC  
2 TW Alexander Drive  
Durham, North Carolina 27713 U.S.A

Subject: Label Amendment - Registration Review Mitigation for Permethrin  
Product Name: TC 251B  
EPA Registration Number: 499-528  
Case Number: 479741  
Application Dates: 3/3/2021

Dear Amy Dugger-Webster

The Agency, in accordance with the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, has completed reviewing all the information submitted with your application to support the Registration Review of the above referenced product in connection with the Permethrin Interim Decision, and has concluded that your submission is acceptable. The label referred to above, submitted in connection with registration under FIFRA, as amended, is acceptable.

Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under the Federal Insecticide, Fungicide, and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance Assurance.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling and must be used at your next label printing. You must submit one copy of the final printed labeling before you release the product for

shipment with the new labeling. In accordance with 40 CFR 152.130(c), you may distribute or sell this product under the previously approved labeling for 12 months from the date of this letter. After 12 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. "To distribute or sell" is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR 152.3.

If you have any questions about this letter, please contact Christian Bongard by phone at 202-566-2248, or via email at [Bongard.Christian@epa.gov](mailto:Bongard.Christian@epa.gov).

Sincerely,

A handwritten signature in black ink that reads "Jaclyn Pyne". The signature is written in a cursive style and is centered within a light gray rectangular box.

Jaclyn Pyne, Team Leader  
Risk Management and Implementation Branch 3  
Pesticide Re-Evaluation Division  
Office of Pesticide Programs

ENCLOSURE: Stamped label

{NOTE to PM: [Bracketed text is optional text.] Text enclosed in "{" is information for the reviewer and not part of the label.}

<b>ACCEPTED</b>
02/23/2026
Under the Federal Insecticide, Fungicide and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 499-528

Permethrin	Group	<b>3A</b>	Insecticide
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# Prescription Treatment™ brand TC 251B Controlled Release Permethrin

ABN #1: PERMACAP CS® (Descriptor: Controlled Release Insecticide) {added via Notification 4/18/13}  
 ABN #2: Prescription Treatment™ brand PermaCap CS® (Descriptor: Controlled Release Permethrin)  
 {added via Notification 5/1/08; accepted by EPA 7/16/08}

**For both indoor and outdoor use**

{Marketing Claims: added via Notification 7/27/11; accepted by EPA 12/20/11}

- [• SmartCap™ Technology]
- [• With SmartCap™ Technology]
- [• Using SmartCap™ Technology]

**KILLS:**

Ants (foraging Carpenter, Fire, Harvester; excluding Pharaoh), Bedbugs, Bees, Boxelder Bugs, Cadelles, Carpenter Bees, Centipedes, Chocolate Moths, Cigarette Beetles, Clover Mites, Cluster Flies, Cockroaches, Crickets, Darkling Beetles, Dermestids, Drugstore Beetles, Earwigs, Elm Leaf Beetles, Firebrats, Fleas, Flies, Flour Beetles, Grain Weevils, Hide Beetles, House Flies, Indianmeal Moths, Larder Beetles, Lesser Grain Borers, Lesser Mealworms, Mealworms, Mediterranean Flour Moths, Merchant Grain Beetles, Millipedes, Mosquitoes, Pill Bugs, Rice Weevils, Sawtoothed Grain Beetles, Scorpions, Silverfish, Sow Bugs, Spiders (excluding Black Widow and Brown Recluse), Springtails, Ticks, Warehouse Moths, Wasps, Webbing Clothes Moths, Wood Wasps, Wood-infesting Borers, and Beetles

**FOR USE IN AND AROUND:**

Apartments, Calf Hutches, Calving Pens and Parlors, Campgrounds, Empty Chicken Houses, Dairy Areas, Dog Kennels, Hog Barns, Homes†, Horse Barns, Hospitals†, Hotels, Milkrooms, Motels, Non-Food Areas (of Food Storage Areas, Grain Mills, Granaries, Meat Packing Plants, and Supermarkets), Transportation Equipment (e.g., Buses, Boats, Planes†, Ships, Trains, Trucks), Utilities, and Warehouses, Commercial, Industrial, and Institutional Buildings

† Refer to the **Use Restrictions** under the **DIRECTIONS FOR USE** section for further site-specific use instructions.

**ACTIVE INGREDIENT:**

Permethrin . . . . . 23.0%

**OTHER INGREDIENTS:** . . . . . 77.0%

**TOTAL:** . . . . . 100.0%

**EPA Reg. No. 499-528**

**EPA Est. No.**

**KEEP OUT OF REACH OF CHILDREN  
CAUTION/PRECAUCIÓN**

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)
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[See back panel/inside booklet for **Precautionary Statements, Directions for Use** and **Storage & Disposal.**]

**NET CONTENTS:**

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## PRECAUTIONARY STATEMENTS

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### Hazards To Humans And Domestic Animals

#### Personal Protective Equipment (PPE)

Applicators and other handlers must wear:

- long-sleeved shirt and long pants
- shoes and socks
- chemical-resistant gloves (including barrier laminate, butyl rubber  $\geq$  14 mils, nitrile rubber  $\geq$  14 mils, neoprene rubber  $\geq$  14 mils, natural rubber (includes natural rubber blends and laminates)  $\geq$  14 mils, polyethylene, polyvinyl chloride (PVC)  $\geq$  14 mils, and viton  $\geq$  14 mils)

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

#### User Safety Recommendations

##### Users should:

- Remove clothing/PPE immediately if pesticides get inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

#### Environmental Hazards

This product is extremely toxic to aquatic organisms, including fish and invertebrates. **DO NOT** apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark.

**DO NOT** apply when weather conditions favor drift from treated areas. Drift and runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Applying this product in calm weather when rain is not predicted for the next 24 hours will help to ensure that wind or rain does not blow or wash pesticide off the treatment area.

**DO NOT** contaminate water when disposing of equipment wash waters. To protect the environment, **DO NOT** allow pesticide to enter or run off into storm drains, drainage ditches, gutters, or surface waters. 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 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.

[**For Containers  $\geq$  5 Gallons: DO NOT** discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other water unless in accordance with the requirements of the National Pollutant Discharge Elimination System (NPDES) permit and permitting

authority has been notified, in writing, prior to discharge. **DO NOT** discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance, contact your state water board or regional office of the EPA.]

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## DIRECTIONS FOR USE

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**It is a violation of federal law to use this product in a manner inconsistent with its labeling.**

When applying indoors at residential sites, use the 0.5% dilution.

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### Use Restrictions

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**The below applies to all uses of this product. Additional Site- and/or pest-specific restrictions are found in the Application Instructions section.**

- **DO NOT** apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. When applying as a surface spray, **DO NOT** enter or allow others to enter until sprays have dried.
- **DO NOT** apply to humans, their clothing, bedding, or mattresses.
- **DO NOT** use on household pets. Remove from premises or tightly cover fish tanks and disconnect aerators when applying indoors and anywhere such containers are present.
- **DO NOT** apply to firewood.
- **DO NOT** contaminate food, feedstuffs, or water supply. In homes and food handling establishments, cover or remove exposed food prior to application.
- In homes and food handling establishments, **DO NOT** contaminate food preparation surfaces, kitchen utensils, dishes, or food storage containers. Prior to application, cover any food/feed contact/processing surfaces and cooking utensils in the treatment area. If not covered, wash thoroughly before using.
- **DO NOT** apply in patient rooms while occupied, or in any rooms while occupied by the elderly or infirm.
- **DO NOT** apply to classrooms when in use.
- **DO NOT** apply in institutions (e.g., libraries, sports facilities) when occupants are present in the immediate area.
- **DO NOT** apply as a broadcast or spot treatment to **indoor surfaces** at residential sites (e.g., nurseries, day-care centers, schools, hospitals, nursing homes).
- **DO NOT** apply in aircraft cabins.
- **DO NOT** apply water-based sprays of this product where there is a shock hazard. This includes areas such as wall outlets, conduits, motor housing, junction and switch boxes, or other electrical wiring and equipment where electrical short circuits might result because of possible shock hazard.

- **DO NOT** apply by aircraft.
- **DO NOT** use in wide area local, state or federal mosquito control programs.
- **DO NOT** use in handheld cold or thermal fogger.
- **DO NOT** apply through any kind of irrigation, lawn sprinkler, or outdoor residential misting system.
- Follow proper disposal procedures on this label. *Siga las indicaciones del etiquetado para el desecho apropiado del producto.*



- **DO NOT** make applications during rain. Avoid making applications when rainfall is expected before the product has sufficient time to dry (minimum 4 hours). Rainfall within 24 hours after application may cause unintended runoff of pesticide application.
- **DO NOT** apply or irrigate to the point of runoff. Treat surfaces to ensure thorough coverage but avoid runoff.
- **DO NOT** spray the product into fish pools, ponds, streams, or lakes.
- **DO NOT** allow the product to enter any drain during or after application.
- **DO NOT** apply directly to sewers or storm drains, or to any area like a drain or gutter where drainage to sewers, storm drains, water bodies, or aquatic habitat can occur.
- Except as a spot or **Crack & Crevice™** treatment, **DO NOT** apply directly to impervious horizontal surfaces (e.g., sidewalks, driveways, patios).
- For soil or foliar application, **DO NOT** apply by ground within 25 feet of lakes, reservoirs, rivers, permanent streams, marshes or natural ponds, estuaries, and commercial fish farm ponds.
- **Outdoor applications:** All outdoor applications must be limited to spot or **Crack & Crevice** treatments only, except for the following permitted uses:
  - Application to pervious surfaces (e.g., soil, lawn, turf, other vegetation).
  - Perimeter band treatments of 7 feet wide or less from the base of a manmade structure to pervious surfaces (e.g., soil, mulch, or lawn).
  - Applications to the underside of eaves, soffits, doors, or windows permanently protected from rainfall by a covering, overhang, awning, or other structure.
  - Applications around potential exterior pest entry points into manmade structures (e.g., doorways, windows), when limited to a surface band not to exceed 1 inch.
  - Applications to vertical surfaces (such as the side of a manmade structure) directly above impervious surfaces (e.g., driveways, sidewalks), up to 2 feet above ground level.

- Applications to vertical surfaces directly above pervious surfaces (e.g., soil, lawn, turf, mulch, other vegetation) only if the pervious surface does not drain into ditches, storm drains, gutters, or surface waters.

## Resistance Management

This product contains a **Group 3** (permethrin) insecticide. Any insect population may contain individuals naturally resistant to this product and other **Group 3** insecticides. The resistant individuals may dominate the insect population if these insecticides are used repeatedly in the same areas. Appropriate resistance management strategies should be followed. For further information or to report suspected resistance contact BASF representatives at 1-800-832-HELP (4357).

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## Product Information

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### Kills pests on contact.

Apply this product only as specified on this label. This product is a flowable microencapsulated concentrate containing 2 pounds of permethrin per gallon. **NOTE:** Heavy applications may leave a visible deposit. On some surfaces, this deposit can be removed with a damp cloth or sponge.

Foam Application: In situations where conventional application methods have not or are not likely to provide adequate coverage, foam generating equipment or similar machines can be used to provide a continuous coverage. Refer to **Mixing Instructions** for further details.

### Mixing Instructions

Thoroughly clean spray equipment before using this product. Shake concentrate well before diluting.

When diluting, first add approximately 1/2 of the water to the spray tank and then add the proper amount of product. When emptying the bottles, triple rinse with water, shake well, and add the rinsate to the spray tank. Add the remainder of the water and agitate the sprayer thoroughly. Agitate sprayer occasionally during use to ensure even mixture. Shake or reagituate 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.

**FOAM APPLICATIONS:** This product can be converted to a foam which can be used to treat structural voids to kill insect and arthropod pests in walls, under slabs, or in other void areas. Apply as a dry foam (approximately 25:1). Use drier foam inside wall voids to avoid any water damage or electrical short circuits. Fill void with foam so all surfaces are contacted.

Mix end-use dilution with manufacturer's recommended volume of foaming agent. Use the recommended rate suspension converted to a foam to achieve the desired foam expansion ratio. Verify before treatment that the foaming agent is compatible with product.

SPRAY DILUTION CHART		
Amount of Finished Spray	Spray Concentrate	
	0.5% Spray	1.0% Spray
1 gallon	2 2/3 fl ozs	5 1/3 fl ozs

Use the higher rate for clean-outs and high insect infestations. **When treating indoor residential sites, use the 0.5% dilution.**

### Application Instructions

Apply as a **Crack & Crevice™** and/or selected spot treatment where insects may be hiding, living, and breeding.

**CRACK & CREVICE TREATMENT:** Treat surfaces to ensure thorough coverage but avoid runoff. To treat insects harbored in voids, cracks, and crevices, applications must be made in such a manner to limit dripping and avoid runoff onto untreated structural surfaces and plants.

**SPOT TREATMENT:** Spot treatments must not exceed two square feet in size (for example, 2 feet by 1 foot or 4 feet by 0.5 foot).

### Indoor Use

**CENTIPEDES, COCKROACHES, CRICKETS, DERMESTIDS, EARWIGS, FIREBRATS, MILLIPEDES, PSOCIDS, SILVERFISH, SOWBUGS, SPIDERS**

**(excluding Black Widow and Brown Recluse):** Apply as a spot and/or **Crack & Crevice** treatment into hiding places (e.g., cracks and crevices, void areas, moist areas, openings around pipes and sinks, under refrigerators). Repeat treatment as necessary. **DO NOT** treat more than twice per week and at least 3 days apart.

**FLIES:** Make spot applications on surfaces where flies rest in the dark at night or frequent during the day (e.g., window frames, screens, trash cans, ceilings, upper wall surfaces).

**CARPET BEETLES (Dermestids):** Treat along the edges of carpet and under carpet edges, furniture, and throw rugs. Apply as a **Crack & Crevice** application in closets and other shelving where infested items are stored. Repeat application as necessary. **DO NOT** treat more than twice per week and at least 3 days apart. **DO NOT** treat clothing with this product.

**BED BUGS:** Take bed apart. Treat joints and channels if hollow (e.g., square or round tubing). See that the interior framework is treated. **DO NOT** treat mattresses.

Bed Bugs may also harbor in areas of the room away from the bed. Apply as a spot and/or **Crack & Crevice** treatment to night stands and other furniture in the room, wall voids, behind wall hangings, floor moldings, window casings, carpet edges, popcorn ceilings, and other cracks and crevices. Apply this product until the surface is wet, but not to the point of runoff.

**TICKS:** Apply as a spot and/or **Crack & Crevice** treatment in infested and egg laying areas (e.g., pet resting

quarters, nearby cracks and crevices, behind baseboards, doors and window frames). Repeat application as necessary. **DO NOT** treat more than twice per week and at least 3 days apart.

**DO NOT** treat pets with this product. Replace old pet bedding with clean, fresh bedding after treatment.

**ANTS (foraging Carpenter, Fire, Harvester ants; excluding Pharaoh ants):** Treat as a **Crack & Crevice** treatment in 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. Additionally, this product may be used to treat grain storage facilities and other listed areas for stored product pests.

Apply as a spot and/or **Crack & Crevice** treatment to cracks, crevices, and surfaces where pests have been seen or may have harborage. Cleaning areas prior to using this product will enhance kill. Remove and destroy any infested foodstuffs.

### Food Handling Establishments

For applications to food/feed handling and service areas:

- **DO NOT** apply when food is present.
- **DO NOT** use in food/feed areas of food/feed handling establishments, restaurants, or other areas where food/feed is commercially prepared or processed.
- **DO NOT** use in serving areas while food is exposed or facility is in operation. Serving areas are areas where prepared foods are served, such as dining rooms, but excluding areas where foods may be prepared or held.

**NON-FOOD/FEED AREAS:** Applications may be made in non-food/feed areas (e.g., garbage rooms, restrooms, floor drains (to sewers), entries and vestibules, offices, locker rooms, machine rooms, boiler rooms, garages, mop closets, and storage (after canning or bottling)).

### Indoor and Outdoor Use

Select one of the following dilutions unless otherwise noted: 0.5% or 1.0%

When treating indoor residential sites, use the 0.5% dilution.

**HIBERNATING STAGES OF BOXELDER BUGS, ELM LEAF BEETLES, CLUSTER FLIES, AND CLOVER MITES:** Apply as a **Crack & Crevice** treatment to cracks, crevices, and/or voids where insects may be harboring or hibernating. Infested areas include, but are not limited to, cracks and crevices in weep holes, wall voids, around window and door frames, and under siding. Treat wall area around entry points on exterior where insects congregate.

Repeat application as necessary. **DO NOT** treat more than twice per week and at least 3 days apart.

**CARPENTER ANTS:** Make spot and/or **Crack & Crevice™** treatments to any trails, inside or outside, around doors and windows, and other places where ants enter premises. Areas which may be treated include, but are not limited to, atriums, crawl spaces, ceilings, garages, soffits, wall voids, weep holes, and other void areas. Where possible, treat ant nest or infested wood directly. Repeat application as necessary. **DO NOT** treat more than twice per week and at least 3 days apart.

**BEEES AND WASPS:** THIS PRODUCT DOES NOT PROVIDE INSTANT KNOCKDOWN. The best time to treat is late in the day. The colony should be dead in 2 to 3 days. Depending on the situation, protective equipment for the applicator may be required (and is advisable).

- As a preventative treatment to detour these insects from building nests or workers from congregating on structures, follow perimeter treatment directions in the **Outdoor Treatments** section of label. Pay particular attention to soffit and eave areas.
- For treatment of nests inside wall voids, inject into the nest a sufficient quantity to treat the entire nest. More than one point of application may be required. Most applications should require no more than 1/2 gallon of diluted material. Apply this product until the surface is wet, but not to the point of runoff.

Pay particular attention to what the treatment water may contact (e.g., electrical wiring). **DO NOT** use where there is a shock hazard.

**MOSQUITOES:** Apply at the 0.5% rate.

- Apply directly to walls, ceilings, window screens, and other resting areas as a surface treatment including inside residential buildings. May also be applied in and around carports, garages, and storage sheds (see **Outdoor Treatments** section of the label).
- Apply as a general structural perimeter spray to landscape plantings, turf, and building foundations to treat against mosquitoes. Yards or other frequented areas enclosed by landscaping can benefit from the creation of a mosquito barrier to reduce invading mosquitoes by the treatment of perimeter vegetation. Higher volumes applied result in better coverage and, as a rule, will improve kill.

**NOTE:** Application to vegetation away from structures may require additional certification (e.g., in turf or ornamental categories). Consult your state regulatory agency for requirements.

**WOOD DESTROYING INSECTS: Localized treatment of wood-infesting insects – Beetles and Borers (such as the following families: Anobiidae, Bostrichidae, Buprestidae, Cerambycidae, Lyctidae, Dedemeridae, Sesiidae):** Apply at the 1.0% rate. 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 inches apart to ensure thorough coverage. Inject 5 to 10 seconds/hole. **DO NOT** contact electrical wiring, plumbing, etc.

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## Outdoor Use

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**KILLS: ANTS (foraging Carpenter, Fire, Harvester; excluding Pharaoh ants), BOXELDER BUGS, CARPENTER BEES, CARPET BEETLES, CENTIPEDES, CLOVER MITES, CLUSTER FLIES, COCKROACHES, CRICKETS, DERMESTIDS, EARWIGS, ELM LEAF BEETLES, FLEAS, FLIES, MILLIPEDES, MOSQUITOES, PSOCIDS, SCORPIONS, SILVERFISH, SOWBUGS, SPIDERS (excluding Black Widow and Brown Recluse), and TICKS**

Use the 0.5% rate as a spot, **Crack & Crevice**, or void treatment of buildings, porches, window frames, eaves, patios, garages, garbage dumps, and other areas where pests congregate or enter premises. Additionally, this product can be applied against pests in outdoor void areas (e.g., meter boxes, manholes). Repeat treatment as necessary to maintain effectiveness. **DO NOT** treat more than twice per week and at least 3 days apart.

**MOSQUITOES:** To treat against adult mosquitoes, use hand held, backpack, or truck mounted sprayers only. **DO NOT** use in wide area local, state, or federal control programs. **DO NOT** use with truck mounted cold aerosol ULV sprayers, hand held cold aerosol ULV sprayers, or thermal fogging devices. **DO NOT** apply by aircraft. **DO NOT** apply through any kind of irrigation and/or lawn sprinkler systems.

Use up to 150 gallons of diluted spray per acre. Treat shrubbery, vegetation, and other areas where mosquitoes may rest. Shrubbery and vegetation around stagnant pools, marshy areas, ponds, and shorelines may be treated if applied as a wet spray. **DO NOT** directly apply this product to any body of water.

### BROADCAST TREATMENT USE AGAINST WOOD-INFESTING INSECTS AND NUISANCE PESTS

**OUTSIDE OF STRUCTURE:** Apply a 0.5% dilution with a fan spray using a maximum of 25 psi. Apply just to the point of runoff. To treat against wood-infesting insects active inside trees, utility poles, and/or fence posts, drill to find the interior infested cavity and inject a 0.5% dilution. To treat against bees, apply in late evening when insects are at rest. Aim spray at nest openings in ground, bushes, and in cracks and crevices which may harbor nests. Saturate nest openings and contacting as many insects as possible.

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## Use On Exterior Surfaces and Around Buildings

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Apply as a spot or **Crack & Crevice** treatment to outside surfaces of buildings, including exterior siding, porches, window frames, eaves, patios, garages, and refuse dumps. Surface treatments may be made to lawn areas adjacent or around private homes, duplexes, townhouses, condominiums, house trailers, apartment complexes,

carports, garages, fence lines, storage sheds, barns, other residential structures as well as to commercial, industrial, and institutional buildings. Surface treatments may be made to soil, trunks of woody ornamentals, and other areas where pests congregate or have been seen. Repeat treatment as necessary to maintain effectiveness.

**FLIES:** Apply as a spot or **Crack & Crevice™** treatment to outside surfaces of screens, doors, window frames; on porches; in garages; and other places where insects alight, congregate, or may enter or rest. Make several spot treatments on inside and outside surfaces of dumpsters, other trash holding containers, and trash storage areas. For best results, begin treatments at the start of the fly season and repeat during periods of heavy fly activity. **DO NOT** treat more than twice per week and at least 3 days apart.

**CRAWLING INSECTS – including ANTS (foraging Carpenter, Fire, Harvester; excluding Pharaoh ants), COCKROACHES, CRICKETS, EARWIGS, SOWBUGS and SCORPIONS:** For infestations in outdoor areas along patios, sidewalks, and driveways which are landscaped, planted, mulched, or unmaintained. For ants, treat mounds and runways. Repeat application as infestation warrants and as reinfestation occurs. Apply to cracks and crevices, or make spot treatments, where insects may enter premises. Areas to treat include weep holes, under siding, wall voids, soffits, around attic vents, cracks and crevices, and openings around windows, doors, and pipes. Treatment of infested fences and tree holes is permitted.

**FLEAS:** Treat infested areas with the 0.5% rate.

**FOAM APPLICATION USE DIRECTIONS:** See instructions above under **Product Information**.

**PESTS UNDER SLABS:** Infestations of arthropods, such as Ants (foraging Carpenter, Fire, Harvester; excluding Pharaoh ants), Cockroaches, and Scorpions inhabiting the area under slabs may be killed by drilling and injecting or horizontal rodding. Using a 0.5% to 1.0% emulsion. Inject 1 gallon per 10 ft<sup>2</sup> or 2 gallons per 10 ft<sup>2</sup>.

**CRAWL SPACES:** Broadcast product at 0.5% to all surfaces in crawl space to treat against Ants (foraging Carpenter, Fire, Harvester; excluding Pharaoh ants), Fleas, Roaches, Scorpions, or other arthropods. Product may also be applied under the structure through insecticidal delivery systems such as piping or flexible tubing mounted under the structure. Treat surfaces thoroughly but **DO NOT** allow runoff to occur. Keep children and pets off surface until dry.

**PERIMETER TREATMENT:** To help prevent infestations of buildings, treat a band of soil 6 to 7 feet wide around and adjacent to the building. Treat the building foundation, where pests are active and may find entrance, to a maximum height of 2 feet above impervious surfaces and 3 feet above pervious surfaces. Product may be applied in compressed air, back-pack, or power spray equipment. An application rate of 2 2/3 fl ozs/1,000 ft<sup>2</sup> is desirable. Apply in a sufficient amount of water to adequately cover the area being treated, but not to the point of runoff. **DO NOT**

allow runoff to occur. Alternate directions are to use 10 to 20 fl ozs of product per 50 gallons of water.

DILUTION CHART	
Tank Size (gallons)	Suggested Amount of Concentrate per Tank
15	4 to 8 fl ozs
25	7 to 14 fl ozs
50	10 to 20 fl ozs
100	20 to 40 fl ozs

### Use In and Around Livestock Housing

**MAY BE USED IN AND ON EXTERIOR SURFACES OF BUILDINGS (Barns, Dairies, Feedlots, Livestock Houses, Poultry Houses, Stables, Swine Houses):**

Remove all animals prior to making application to housing. Remove or cover milking utensils before application. Wash teats of animals before milking.

- **DO NOT** apply to lactating or food animals.
- **DO NOT** contaminate milk, food, or drinking water. Close milk bulk tank lids to prevent contamination from spray and from dead or falling insects.
- **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:** Treat outdoor surfaces and in animal areas (e.g., dog kennels, hog barns, horse barns, empty chicken houses, rabbit hutches, dairy areas, milk rooms, calf hutches, calving pens and parlors). Apply as a spot or **Crack & Crevice** treatment to outside surfaces of screens, doors, window frames; on porches; in garages; and other places where insects alight, congregate, or may enter or rest. Make several spot treatments on inside and outside surfaces of dumpsters, other trash holding containers, and trash storage areas. For best results, begin treatments at the start of the fly season and repeat during periods of heavy fly activity. **DO NOT** treat more than twice per week and at least 3 days apart.

**CRAWLING INSECTS – including Ants (foraging Carpenter, Fire, Harvester; excluding Pharaoh ants), Cockroaches, Crickets, Earwigs, Sowbugs and Scorpions:**

For infestations in outdoor areas along patios, sidewalks, and driveways which are landscaped, planted, mulched, or unmaintained. For ants, treat mounds and runways. Repeat application as infestation warrants and as reinfestation occurs. Apply to cracks and crevices, or make spot treatments, where insects may enter premises. Areas to treat include weep holes, under siding, wall voids, soffits, around attic vents, cracks and crevices, and openings around windows, doors and pipes. Treatment of infested fences and tree holes is permitted.

**DARKLING BEETLES:** Apply 2 2/3 to 5 1/3 fl ozs concentrate/1,000 ft<sup>2</sup>. Use adequate water to ensure distribution.

**PERIMETER TREATMENT (including residential structures on farms):** To treat against other pests as well as to help prevent infestations of buildings, treat a band of soil 6 to 7 feet wide around and adjacent to the building. Treat the building foundation to a maximum height of 2 feet above impervious surfaces, 3 feet above pervious surfaces, and sides where pests are active and may find entrance. Product may be applied in compressed air, backpack, or power spray equipment. An application rate of 2 2/3 fl ozs/1,000 ft<sup>2</sup> is desirable. Apply in a sufficient amount of water to adequately cover the area being treated, but not to the point of runoff. **DO NOT** allow runoff to occur.

Apply as a spot or **Crack & Crevice™** treatment to other insect entry points such as doors, windows, under siding and eaves of structure.

### STORAGE AND DISPOSAL

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

**PESTICIDE STORAGE:** Store in original container in a 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: DO NOT** pour or dispose down-the-drain or sewer. Call your local solid waste agency for local disposal options.

Wastes resulting from use of this product may be disposed of on-site or at an approved waste disposal facility. If these wastes cannot be disposed of according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representatives at the nearest EPA Regional Office for guidance.

**CONTAINER HANDLING: Nonrefillable Container.** **DO NOT** reuse or refill this container. Triple rinse or pressure rinse container (or equivalent) promptly after emptying; then offer for recycling, if available, or reconditioning, if appropriate, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

**Triple rinse containers small enough to shake (capacity ≤ 5 gallons) 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 two more times.

### STORAGE AND DISPOSAL (continued)

**CONTAINER HANDLING:** (continued)

**[Triple rinse containers too large to shake (capacity > 5 gallons) as follows:** Empty the 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 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other 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 two more times.

Pressure rinse as follows: Empty the remaining contents into application equipment or mix tank and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or mix tank, or collect rinsate for later use or disposal. Insert pressure rinsing nozzle in the side of the container and rinse at about 40 PSI for at least 30 seconds. Drain for 10 seconds after the flow begins to drip.]

(continued)

## Conditions of Sale and Warranty

The **Directions For Use** of this product reflect the opinion of experts based on field use and tests. The directions are believed to be reliable and must be followed carefully. However, it is impossible to eliminate all risks inherently associated with the use of this product. Ineffectiveness or other unintended consequences may result because of such factors as environmental conditions, presence of other materials, or use of the product in a manner inconsistent with its labeling, all of which are beyond the control of BASF Agricultural Solutions US LLC ("BASF") or the Seller. To the extent consistent with applicable law, all such risks 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 and User accept 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. PCS915

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BASF Agricultural Solutions US LLC  
2 TW Alexander Drive  
Research Triangle Park, NC 27713

  
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