

**PRECAUTIONARY STATEMENTS**  
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**CAUTION.** Harmful if absorbed through skin. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse.

**FIRST AID**  
**IF ON SKIN OR CLOTHING:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.  
**IF SWALLOWED:** 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 the poison control center or doctor. Do not give anything by mouth to an unconscious person.  
**IF IN EYES:** Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after first 5 minutes, then continue rinsing eyes. Call a poison control center or doctor for treatment advice.  
**IF INHALED:** Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For medical emergencies, call your poison control center at 1-800-222-1222.

**ENVIRONMENTAL HAZARDS**  
This pesticide is extremely toxic to aquatic organisms, including fish and invertebrates. 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 hours 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 drainage systems. This pesticide 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 foraging the treatment area.

**DIRECTIONS FOR USE**

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

**Shake well before use.**

This product helps control many annoying and troublesome outdoor insects. You can help protect your property by controlling the insects listed on this label.

This product can be applied using a hose-end sprayer, pump up pressure sprayer or by watering can. Carefully dilute the recommended amount of concentrate and water according to the directions found under the desired insect to control. Use a clean sprayer. Apply insecticide when insects first appear and repeat as necessary but not more frequently than every 3 days. Flush sprayer or watering can with clean water after each use.

This product kills many troublesome outdoor insects, which destroy lawns, gardens, and are an annoyance on patios and at picnics.

**USE RESTRICTIONS**  
Do not spray animals. Do not allow adults, children, or pets to enter treated areas until sprays have dried. Do not apply this product in a way that will contact adults, children, or pets, either directly or through drift. Remove pets, birds, and cover fish aquariums before spraying. All outdoor applications must be limited to spot or crack-and-crevice treatments only, except for the following permitted uses: (1) Treatment to soil or vegetation around structures; (2) Applications to lawns, turf, and other vegetation; (3) Applications to building foundations, up to a maximum height of 3 feet. Other than applications to building foundations, all outdoor applications to impervious surfaces such as sidewalks, driveways, patios, porches and structural surfaces (such as windows, doors, and eaves) are limited to spot and crack-and-crevice applications, only. Do not water the treated area to the point of run-off. Do not make applications during rain. Not for broadcast use on indoor residential surfaces. Do not apply directly into sewers or drains, or to any area like a gutter where drainage to sewers, storm drains, water bodies, or aquatic habitat can occur. Do not allow the product to enter any drain during or after application. Not for use in outdoor residential misting systems. Not for use on plants being grown for sale or other commercial use, or for commercial seed production, or for research purposes. For use on plants intended for aesthetic purposes or climatic modification and being grown in interior plantscapes, ornamental gardens or parks, or on lawns and grounds.

**APPLICATION INSTRUCTIONS**  
**USE ON LAWNS:** Benit, Bermuda, Bluegrass, Dichondra, Fescue, Irish Moss, Merlon and St. Augustine. **Pests:** Ants, Armyworms, Brown Dog Ticks, Chinch Bugs, Crickets, Cutworms, Deer Ticks, Flea Grasshoppers, Japanese Beetles Grubs, Mole Crickets and Sod Webworms. Thoroughly wet down grass a few hours before applying. Home lawns should be no taller than 3 inches at time of application. Slightly more water may be used as long as the amount of product per area is as listed below. For heavy infestations, repeat applications after 7 days. For ants, crickets and grasshoppers use 2-1/2 to 3 gallons of water to cover 1,000 sq. ft. For other listed insects, use 6 fl. oz. in 10 gallons of water to cover 1,000 sq. ft.

**USE ON TREES AND SHRUBS:** American Sycamore, Ash, Dogwood, Elm, Fir, Japanese Cedar, Juniper, Live Oak, Magnolia, Norway Spruce, Redwood, Red Pine, Spruce, White Pine, Yew, and other listed insects. **Pests:** Aphids, Bagworms, Beetles, Exposed Thrips, Fall Cankerworms, Inchworms, Leafminers, Mealybugs, Spider Mites, Whiteflies, Fall Webworms on Cherry and Honeysuckle, Budworms on Conifer, Elm Leaf Beetles, Elm Spanworms and Fall Webworms on Elms, Tussock Moths on Douglas and Grand Fir, Citrus Black Flies on Non-Bearing Citrus, Oakworms on Oaks, Pine Beetles, Pine Moths, Pine Needleminers, and Needle Scales on Pines.

Use 1 fl. oz. in 1 gallon of water. Apply as a spray, wetting leaves and branches thoroughly. Try to penetrate dense foliage. Spray in the late afternoon or evening, when the temperature ranges from 50 to 75°F and when there is little or no wind. Spray at the first sign of insects. Repeat as necessary every 4-8 days.

**USE ON ROSES AND FLOWERS:** Ageratum, Aster, Azalea, Begonia, Coleus, Common Ninebark and Snowberry, Exacum, Gladiolus, Gold Bells, Hypoestes, Ivy, Lilac, Marigold, Mock-Orange, Nannyberry, Orchid, Pansy, Pea Shrub, Petunia, Poinsettia, Rhododendron, Rose, Snapdragon, Zinnia. **Pests:** Aphids, Bagworms, Cicadas, Exposed Thrips, Fall Cankerworm, Fall Webworms, Inchworms, Leafminers, Leafrollers, Mealybugs, Spider Mites, and Whiteflies. Use 1 fl. oz. in 1 gallon of water. Apply as a spray, wetting the plants thoroughly. Try to hit the underside of leaves and penetrate dense foliage. Spray in the late afternoon or evening, when the temperature

# TOTAL SOLUTIONS®

## EXTINCT CONCENTRATE

For Use On Residential Lawns, Gardens, Patios And Home Picnic Areas

- CONTROLS LISTED PESTS FOR UP TO 4 WEEKS • WATER BASED FORMULA
- KILLS BUGS ON YOUR LAWNS • TREES AND SHRUBS • ROSES AND FLOWERS
- KILLS GNATS, FLEAS, DEER TICKS, BROWN DOG TICKS AND OTHER CRAWLING INSECTS.
- REPELS CRAWLING INSECTS FROM YOUR HOME RECREATION AREAS.

**Active Ingredient:**

* Permethrin .....	2.50%
<b>Other Ingredients:</b> .....	97.50%
<b>Total:</b> .....	100.00%

\* (3-phenoxyphenyl) methyl (±) cis/trans 3-(2,2-dichloroethenyl) 2,2-dimethylcyclopropanecarboxylate. Cis/trans ratio: min. 35% (±) cis and max. 65% (±) trans.

**KEEP OUT OF REACH OF CHILDREN**  
**CAUTION**  
See side panels for additional Precautionary Statements.

EPA REG. NO. 10088-110-68562    EPA EST. 10088-WI-1  
**NET CONTENTS:** 1 5 Gallons

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ranges from 50 to 75°F and when there is little or no wind. Spray at the first sign of insects. Repeat as necessary every 4-8 days.  
**BARRIER SPRAY FOR NUISANCE PESTS:** Including Ants, Clover Mites, Cluster Flies, Crickets, Earwigs, Fleas, Flying Moths, Gnats, House Flies, Millipedes, Mosquitoes, Pillbugs, Sowbugs, Spiders, Tent Caterpillars, Ticks (Brown Dog, Deer, Lone Star).

Use 6-2/3 fl. oz. in 1 quart of water, treating 400 linear feet with a 6-inch spray wand.

**Outside surfaces of buildings:**  
**Pests:** Ants, Cluster Mites, Crickets, Earwigs, Millipedes, Pillbugs, Sowbugs. To help prevent infestation of buildings, treat the building foundation to a height of 2 to 3 feet, where pests are active and may find entrance. Also, apply insecticidal spray to outside surfaces of buildings, including porches, screens, window frames, patios, picnic areas, garages, refuse piles, and other areas where these pests congregate or have been seen. Repeat application may be needed, if reinfestation occurs. Do not apply more frequently than every 3 days.

**Other outside areas:**  
**Pests:** Ants, Crickets, Earwigs, Fleas, Spiders, Ticks (Brown Dog, Deer, Lone Star). For treatment of localized infestations of these insects in areas where there are weeds, shrubs or bushy non-crop areas, spray infested areas thoroughly. For ants, thoroughly wet hills and runways, but do not wet to the point of runoff. Repeat application may be needed, if re-infestation occurs. Do not apply more frequently than every 3 days.

**Pests:** Cluster Flies, Flying Moths, Gnats, House Flies, Mosquitoes. For use only as an aid in reducing annoyance from these insects. Spray outside surfaces of screens, doors, window frames or wherever these insect may enter the room. Also treat surfaces around light fixtures on porches, under patio furniture, in garages and other places where these insects alight or congregate. Repeat application may be needed, if re-infestation occurs. Do not apply more frequently than every 3 days.

**Pests:** Tent Caterpillars. Application should be made when caterpillars are young and tents are first noticed. For best results, apply in the late afternoon or evening, when caterpillars have returned to their tents. Wet tents with spray on all sides. A few caterpillars may be seen escaping from the tent, however, they should die within several hours.

**TO CONTROL FLEAS (adults and larvae) AND TICKS, INCLUDING TICKS WHICH MAY CARRY LYME DISEASE (adults and larvae):** Use 6-2/3 fl. oz. in 1 quart of water. Thoroughly spray infested areas, nearby cracks and crevices, along and behind baseboards, moldings, and window and door frames. Do not allow people or pets to enter treated areas until spray has dried.  
**TO CONTROL BEDBUGS:** Use 6-2/3 fl. oz. in 1 quart of water. Spray mattresses lightly, particularly around tufts and seams. Take beds apart and spray in all joints. Treat baseboards, moldings and floors. Allow all treated articles to dry thoroughly before use.

**INDOOR HOUSE PLANTS:** To protect plants in non-commercial greenhouses and lathouses, and for indoor landscaping. Ageratum, Ardisia, Aster, Baby's Breath, Begonia, Birdsnest Fern, Bleeding Heart, Carnation, Chrysanthemum, Coleus, Crown of Thorns, Cockscomb, Cyclamen, Dracaena, Dumbcane, English Ivy, Fuchsia, Gladiolus, Grape Ivy, Hypoestes Ivy, Juniper, Lily, Marigold, Orchid, Palm, Pansy, Peperomia, Petunia, Philodendron, Piggy-Back Plant, Poinsettia, Portulaca, Pothos, Prayer Plant, Purple Passion, Rabbits Foot Fern, Rose, Scheffl era, Snapdragon, Snake Plant, Statice, Velvet Plant, Verbena, Zinnia.

**Pests:** Aphids, Armyworms, Corn Earworms, Cutworms Cabbageworms, Exposed Thrips, Fall Cankerworms, Fungus Gnats, Inchworms, Japanese Beetles, Leafminers, Leafrollers, Mealybugs, Scales, Spider Mites, Springs Cankerworms, Whiteflies.

Use 1 fl. oz. in 1 gallon of water. Spray will act as contact and residual control. Use sufficient spray to obtain full coverage of all foliage. Adjust spray volume used to plant size. Spray directly on insects. If application is to be made indoors, remove infested plants from living areas prior to application. Spray plants in an area not likely to be occupied by people or pets (particularly fish bowls or tanks). When leaves dry, plants can be returned to original location. Do not use more product than recommended, as this may cause some plant injury. Use with care on Ferns, Palms and Fuchsia. As with all plants listed above, especially carnations, chrysanthemums, and roses, there exists a wide variety of susceptibility to injury. To ascertain possible phytotoxicity, spray a few plants as described above, wait 24 hours, and check for possible injury. Repeat application may be necessary to control citrus blackflies on non-bearing citrus and adult Japanese beetles on roses.

**PRODUCT WITH HOSE END SPRAYER ATTACHED:** Make sure knob is twisted fully clockwise to OFF position. Shake well before attaching to hose. Turn Product Control Button clockwise until its point aligns with triangle, then push all the way in. Avoid squeezing bottle. Turn water on at faucet, aim nozzle toward lawn and turn knob counter clockwise to begin spraying. When finished push Product Control Button to OFF position from the opposite side. Return knob and faucet to OFF position. Discharge water pressure by turning knob ON and OFF again. Turn Product Control Button counter clockwise away from triangle to prevent accidental discharge. Store out of reach of children.

**STORAGE AND DISPOSAL**  
Do not contaminate water, food, or feed by storage or disposal.  
**Storage:** Store in a dry place no lower in temperature than 50°F or higher than 120°F.  
**Pesticide Disposal:** Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.  
**Container Handling:** Nonrefillable container. Do not reuse or refill it container. Offer for recycling, if available. Clean container 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 procedure two more times.