



Department of Agriculture
STATE OF HAWAII

LICENSED

PERIOD 2014-2016 LIC. NO.

9625.226



Ant & Roach Spray¹¹

• For Residential/Commercial/Agricultural Use • May be used in Non-Food/Feed Areas of Food/Feed Processing Plants • Controls Residential and Garden Insects • For Use on Bedding, Furniture and other Inanimate Objects Infested with Lice • For Use on Premises to Control Fleas and Ticks • Kills On Contact • Seeks Out Bugs Where They Hide • Kills Lice and Their Eggs • Non-Staining • No Unpleasant Odor • Water-Based Formula • Protects For Up to 3 Months • A Broad Spectrum Insecticide Highly Effective Against Ants (Including Carpenter Ants), Beetles (Including Carpet, Flour, Grain, and Ground Beetles), Centipedes, Clover Mites, Cockroaches, Crickets (Including Mole Crickets), Earwigs, Firebrats, Fleas, Millipedes, Moths, Pillbugs, Scorpions, Silverfish, Sowbugs, Spiders, Ticks, and Other Pest Listed on the Label

ACTIVE INGREDIENTS:

Pyrethrins.....	0.10%
* Piperonyl Butoxide, Technical.....	0.50%
** Permethrin.....	0.20%
INERT INGREDIENTS:	99.20%
TOTAL:	100.00%

* Equivalent to min. 0.4% (butylcarbityl) (6-propylpiperonyl) ether and 0.1% related compounds.

** (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 back panel for additional precautionary statements.

NET WEIGHT: 17 OZ. (1 LB. 1 OZ.)(481.95 g)



MADE IN THE USA for:
Zep Inc.
1310 Seaboard Ind. Blvd.
Atlanta, GA 30318
www.zepprofessional.com

PROD.# R06001
314D

PRECAUTIONARY STATEMENTS: HAZARDS TO HUMANS AND DOMESTIC ANIMALS:
CAUTION: Harmful if inhaled. Avoid breathing vapor or spray mist. Remove contaminated clothing and wash before reuse. Avoid contamination of feed and foodstuffs. Remove pets and birds and cover fish aquarium before spraying. Vacate room after treatment and ventilate before reoccupying. Do not allow children or pets to contact treated areas until surfaces are dry.
FIRST AID: IF INHALED: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably 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.
ENVIRONMENTAL HAZARDS: This product is toxic to fish. Do not apply directly to any body of water. Do not contaminate water when disposing of equipment washwaters.
PHYSICAL OR CHEMICAL HAZARDS: Contents under pressure. Do not use or store near heat or open flame. Do not puncture or incinerate container. Exposure to temperatures above 130°F may cause bursting. Do not use this product in or on electrical equipment due to the possibility of shock hazard.

STORAGE & DISPOSAL:
STORAGE: Store in a cool, dry area. Do not transport or store below 32°F.
CONTAINER DISPOSAL: Do Not Puncture or Incinerate! IF EMPTY: Place in trash or offer for recycling if available. IF PARTLY FILLED: Call your local solid waste agency or 1-800-CLEANUP for disposal instructions.

DIRECTIONS FOR USE: It is a violation of Federal law to use this product in a manner inconsistent with its labeling.
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. Nonfood areas are areas such as garbage rooms, lavatories, floor drains (to sewers), entries and vestibules, offices, locker rooms, machine rooms, boiler rooms, garages, mop closets and storage (including or bottling). In the home, all food processing surfaces and utensils should be covered during treatment or thoroughly washed before use. Exposed food should be covered or removed. Do not use in rooms/areas while occupied by patients, the elderly or infirm. Do not use in classrooms when in use. Not for use in federally inspected meat and poultry plants.

SHAKE WELL BEFORE USING! Remove protection cap, hold container upright and spray from a distance of 12 to 15 inches.

INDOORS: Cluster Flies, Houseflies, Fruit Flies, Mosquitoes, Gnats, Black Flies, Skipper Flies, Blow Flies and Small Flying Moths: Close all doors and windows and direct spray upward into center of room with a slow sweeping motion. Spray 5-10 seconds for average room, moving toward the door. Direct spray to all parts of the room especially windows and other light sources which attract these insects. Keep nozzle in constant motion. Leave room and keep area closed for 15 minutes after spraying.

Ventilate room thoroughly before re-entry. Sweep up and discard fallen insects. Repeat treatment as necessary. **Cockroaches, Waterbugs, Palmetto Bugs, Silverfish, Firebrats, Crickets, Scorpions, Spiders, Millipedes, Centipedes, Sowbugs and Pillbugs:** Spray into hiding places such as cracks and crevices, behind sinks, cabinets, along baseboards and floors, around drains and plumbing, hitting insects with spray whenever possible. Repeat treatment as necessary. **Ants:** Spray trails, nests and points of entry. Spray on ants where possible. Repeat as necessary. **Indian Meal Moths, Angoumois Grain Moths:** Close doors and windows, direct spray into all parts of room especially around stored food product containers, pallets and darkened areas. Spray 7 to 10 seconds for each 1000 cubic feet of space, moving toward the door. Leave room and keep area closed for 15 minutes following treatment. Repeat application as necessary. **Exposed Stages of Confused Flour Beetles, Cigarette Beetles, Drug Store Beetles, Saw-Toothed Grain Beetles, Red Flour Beetles, Rice Weevils, Granary Weevils, Grain Mites in Exposed Adult and Larvae Stages:** Spray into cracks and crevices, processing and handling equipment, around cartons or containers or other areas where these insects tend to congregate. Contact as many insects as possible. Spray 30 seconds per 1000 cu. ft. of surface. Keep area closed for 45 minutes to 1 hour after treatment. **Space Spray:** Spray 20 seconds per 1000 cu. Ft. of space, moving toward the door. Leave room and keep area closed for 15 minutes following treatment.

Repeat application weekly or as necessary. Infested stored food products should be disposed of, or treated using an approved product intended for this purpose. **Carpet Beetles:** Spray directly on beetles, floors, baseboards, shelves and carpets. Repeat treatment as necessary. **Bedbugs:** Spray mattresses, particularly around tufts and seams. Take beds apart and spray into all joints. Treat baseboards, moldings and floors. Repeat treatment as necessary. Allow all sprayed articles to dry thoroughly before use. **To control Clothes Moths and Carpet Beetles on wool and other proteinaceous fibers:** Remove infested articles from clothing, brush thoroughly, and air for several hours in sunlight, if possible. Apply spray liberally to empty chests, closets, bureaus and other storages directing the spray into cracks, joints and crevices. After airing, infested articles may be treated by spraying lightly, keeping nozzle at least three feet from fabric to avoid staining. **Fleas in buildings -**

Space Spray: Hold can 36 inches above floor and direct spray toward floor and lower walls at a rate of 10 seconds per 100 sq. ft., making sure that all floor, sofa and chair surfaces are contacted. Leave room and keep area closed for 15 minutes. Open and ventilate before reoccupying. Repeat treatment after 7 days or as needed. **Fleas & Ticks (Adult and Larvae):** Remove and thoroughly clean or destroy pet bedding. Spray pet sleeping quarters, bed, entire floor and floor covering, with special attention to cracks and crevices, around baseboards, and window and door frames. Infested upholstered furniture and mattresses may also be treated with this product. A test application should be made to upholstery or drapery fabrics in an inconspicuous place before use. **To kill Lice and Louse eggs:** Spray in an inconspicuous area to test for possible staining or discoloration. Inspect again after drying, then proceed to spray entire area to be treated. Hold container upright with nozzle away from you. Depress valve and spray from a distance of 8 to 10 inches. Spray each square foot for three seconds. Spray only those garments and parts of bedding, including mattresses and furniture that cannot be either laundered or dry cleaned. Allow all sprayed articles to dry thoroughly before use.

IN ANIMAL QUARTERS AND MILK ROOMS: For rapid control of House Flies, Mosquitoes, Gnats, and Small Flying Moths: Remove animals prior to treatment. Close windows and doors and spray at the rate of 2 seconds per 1000 cu. ft. of space. For best results, keep area closed for 10 minutes after spraying. Do not remain in treated area and ventilate after treatment is completed.

OUTDOORS: Not for use on plants being grown for sale or other commercial/seed production, or research purposes. Point spray nozzle away from face. Hold can on slight downward angle. For best results, spray when air is calm. Allow a few minutes for product to take effect. Spray with wind if breeze is blowing. **FLYING INSECTS:** Flies, Mosquitoes, Gnats, Small Flying Moths, Hornets: Allow fog to drift over area. Direct spray toward bushes or grass from at least 4 to 6 feet away. Give special attention to breeding areas such as garbage cans and compost piles. Repeat as necessary. **CRAWLING INSECTS:** Ants, Cockroaches, including Asian Cockroaches, Crickets, Mole Crickets, Centipedes, and Silverfish: Spray infested surface of patio or picnic area, hitting as many insects as possible. Also spray legs of tables and chairs to repel ants. Spray ant hills for best control. **FOR THE CONTROL OF GARDEN INSECTS:** For use on roses, dahlias, asters and other ornamentals to kill Japanese Beetles hit by spray, as well as Whiteflies, Aphids, exposed Thrips, Spiders, Red Mites and Leafminers. May be used on plants, as well as a multi-purpose spray in small gardens and for spot treatments of incipient insect infestations to prevent spreading in large garden areas. May also be used on other plants such as African violets, asters, azaleas, begonias, carnellias, carnations, chrysanthemums, dahlias, delphiniums, dogwood, English ivy, euonymus, fuschia, geraniums, crassula, grape vine, Kentia palm, laurel, margoldes, rhododendrons, roses, rubber plants, snapdragons, stocks, wandering Jews and zinnias. **Effective when used as directed against Whiteflies, Aphids, Spider and Red Mites, exposed Thrips, Lace Bugs, Japanese Beetles, Pavement Ants, Clover Mites and Army Worms:** When spraying plants do not operate closer than 18 inches. Use sweeping motion. Spray in one second bursts. Be cautious about wetting tender foliage, young plants and new growth. Do not spray plants when temperatures exceed 90°F. Contact insects directly whenever possible. Repeat treatment as infestations occur.

Buyer assumes all risks of use, storage or handling of this material not in strict accordance with directions given herewith.

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