

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

**WARNING**

Harmful if swallowed. Avoid contact with skin or clothing. Causes eye irritation. DO NOT get in eyes. Wash after handling. Avoid breathing vapor. DO NOT spray on humans. DO NOT spray where food or drink is exposed or being consumed. Remove pets, birds and cover or remove fish aquariums before spraying.

DO NOT use in edible product areas of food processing plants, restaurants, or other areas where food is commercially prepared or processed. DO NOT use in serving areas while food is exposed.

**FIRST AID**

**If Swallowed:** Induce vomiting by sticking finger in back of throat or by administration of syrup of ipecac; get medical attention.

**If in Eyes:** Flush with plenty of water and see a physician.

**If on Skin:** Wash with plenty of soap and water. If irritation develops, see a physician.

**ENVIRONMENTAL HAZARDS**

Keep out of lakes, streams or ponds. DO NOT contaminate water by cleaning of equipment or disposal of wastes. When used on ships, DO NOT wash or flush solution from freshly sprayed surfaces into adjacent waters.

**PHYSICAL OR CHEMICAL HAZARDS**

DO NOT use, pour, spill or store near heat or open flame. Flash point minimum 140°F.

**DIRECTIONS FOR USE**

**GENERAL CLASSIFICATION**

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

**STORAGE AND DISPOSAL**

Store at temperatures above 32°F in a cool, dry area away from heat or open flame. DO NOT contaminate water, food, or feed by storage and disposal. Open dumping is prohibited. Pesticide, spray mixture, or rinsate that cannot be used according to label instructions must be disposed of according to Federal, state or local procedures under the Resource Conservation and Recovery Act. DO NOT re-use empty container. Triple rinse (or equivalent) all containers. For Metal - offer for recycling or reconditioning, or puncture and dispose in approved sanitary landfill, or by other approved state and local procedures. For Plastic - dispose in a sanitary landfill, or by incineration, if allowed by state and local authorities.

For use in non-food areas of food handling establishments, commercial, industrial, office, condominium, apartment, public, institutional and storage buildings, hotels, motels, ship cabins, and hospitals (patients should be removed prior to treatment). Use in buses, automobiles, and non-food sections of trucks, boxcars, and ship cargo holds. For indoor use in dog kennels and horse stables. In horse stables do not apply if horses are to be used for food. DO NOT spray this product on surfaces which can be stained or harmed by water. DO NOT apply in electrical conduits, motor housings, junction or switch boxes, or other electrical equipment because of possible shock hazard.

This product must be diluted before use at the rate of 23 fl. ozs. of product per gallon of water. Mix well before using.

**INDOOR PESTS**

**Contact Spray - For Cockroaches, Waterbugs, Crickets, Silverfish, Ants, Carpet Beetles, Centipedes, Earwigs, Flour Beetles, Grain Mites, Millipedes, Sowbugs, and Spiders:** Use a low pressure sprayer with a nozzle adjusted to deliver a coarse spray. Keep spray nozzle about 2-12 inches from surface to be treated and apply diluted product until surfaces are wetted, but not to point of run-off. Spray insect hiding places, such as cracks, crevices, moist areas, openings around pipes and drains, under refrigerators, stoves and cabinets, along

Prod. No. 212

**ZEP FORMULA 15482  
SPRAY INSECTICIDE  
Dual Action Insect Killer**

A contact and residual spray for crawling insects. Kills roaches for up to 4 weeks. A space spray for flying insects. Contains a stabilized synthetic pyrethroid in a transparent-emulsion concentrate. Controls the following insects: Houseflies, Cockroaches, Ants, Mosquitoes, Fleas, Wasps, Gnats, Spiders, Deer Flies, Stable Flies and more.

**ACTIVE INGREDIENTS:**

\* + Resmethrin [(5-[phenylmethyl]-3-furanyl)methyl 2,2-dimethyl-3-(2-methyl-1-propenyl) cyclopropanecarboxylate] ..... 2.000%  
Related compounds ..... 0.274%  
**INERT INGREDIENTS** ..... 97.726%

**TOTAL** ..... 100.000%

\* Cis/trans isomers ratio: Max. 30% ( ± ) Cis and min. 70% ( ± ) trans.

+ U.S. Patent Nos. 3,465,007 and 3,542,928

**KEEP OUT OF REACH OF CHILDREN  
WARNING**

Have clean water supply at hand in case eyes are splashed during product dilution. See left panel for additional precautionary statements.

**For Industrial and Institutional Use Only**

EPA Reg. No. 1270-223

EPA Est. No. 1270-GA-1

Control No. \_\_\_\_\_

Net Contents \_\_\_\_\_

MANUFACTURED BY  
**ZEP MANUFACTURING  
COMPANY**  
DIVISION OF NATIONAL SERVICE INDUSTRIES, INC.  
ATLANTA, GEORGIA 30301

**DIRECTIONS FOR USE (Cont'd)**

boards and door and window frames. Contact as many insects as possible. Repeat as necessary.

**For Ants:** Spray trails, nests and around door and window frames and wherever else these pests may find entrance. Contact as many insects as possible and repeat as necessary.

**For Fleas:** Aids in the control of fleas on dogs and cats, on pet bedding and in horse stalls. Apply directly to animal along back, under forelegs and on other areas. Part hair to contact skin and ensure good coverage. Hold nozzle about one foot away while spraying. Apply until hair is thoroughly moist. Do not spray directly in eyes or mouth of animal. To reduce infestation, thoroughly spray all animal bedding and other resting areas. Treat those areas at the rate of two seconds per linear foot from a distance of 12 to 18 inches. Also spray entire inside surface of dog houses. Repeat as necessary.

**For Bedbugs:** First thoroughly clean and air mattresses and springs. Then spot treat only areas that may harbor bedbugs, concentrating on tufts, folds and seams. Repeat as necessary. Also, apply as a spot treatment to cracks and crevices around baseboards, floorboards, bedboards and walls. For persistent infestations consult a professional applicator.

**Residual Spray - For Cockroaches, Crickets, Silverfish, Ants, Centipedes, Earwigs, Grain Mites, Sowbugs, Spiders:** Kills for up to four weeks - Spray baseboards, cracks and crevices, around door and window frames, and other hiding places such as closets, in back of and under appliances, sinks and cupboards in kitchens and bathrooms. In basements, spray hiding places in cracks and crevices, lower walls and dark places. Apply as a coarse wet spray in a 4 to 8 inch band until area is thoroughly wet, but not to the point of run-off. Repeat as necessary.

**Space Spray - For Houseflies, Fruitflies, Flying Moths, Mosquitoes, Gnats, Wasps, Hornets, Yellow Jackets, Deer Flies and Stable Flies:** Use in mechanical or pressurized sprayer or in an in-place spraying system, which is capable of delivering very small particle sizes. Close all doors and windows, where possible. Direct spray mist to all parts of the room with special attention to windows and light sources which attract these insects. Keep spray nozzle at least four feet from fabrics and other surfaces which may be stained by wetting. The diluted product should be applied at the rate of one fluid ounce per 1000 cu. ft. of space. Leave the treated area and keep treated space closed for at least 15 minutes. Ventilate the sprayed area after treatment is completed and before re-entry.

**OUTDOOR PESTS**

To control nuisance pests, spray resting areas around buildings, paved areas, storage areas and patios. Avoid spraying turf and ornamentals.

**For Houseflies, Mosquitoes, Gnats, Deer Flies, Stable Flies, Flying Moths, and Fruit Flies:** Apply as a space spray in manner described above to areas with flying pests at the rate of 1 to 3 seconds per cubic yard of space. Spray with a slow sweeping motion while moving away from treated areas. Use only when air is relatively still. DO NOT spray directly into any breeze or moving air. Allow mist to dissipate before occupying treated area.

**For Ants, Fleas, Centipedes, Earwigs, Millipedes, Sowbugs, Crickets, and Spiders:** Apply as directed in the contact spray section under Indoor Pests. Directly spray as many insects as possible. Repeat as necessary.

**For Wasps, Yellow Jackets, Hornets:** Apply as a contact spray preferably late in evening when insects are at rest. Spray liberally into nests and hiding places, contact as many insects as possible. Repeat as necessary.

**WARRANTY:** This product is designed exclusively for industrial and institutional use by trained professional maintenance personnel. Label directions and precautions must be followed exactly. Zep Manufacturing Company will not be responsible for any injury, loss, or damage if product is used in any manner not in compliance with label directions or if precautions are not observed.

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<b>INERT INGREDIENTS</b>	<b>97.726%</b>

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