

NATIONAL

# DUAL-CIDE

0.25T AQUEOUS  
INSECTICIDE  
SPRAY

### ACTIVE INGREDIENTS:

\*resmethrin (5-(phenylmethyl)-3-furanyl)  
methyl 2, 2-dimethyl-3-(2-methyl-1-propenyl)  
cyclopropanecarboxylate) ..... 0.250% w/w

Related compounds ..... 0.034%

INERT INGREDIENTS ..... 99.716%  
100.000% w/w

Cis/trans isomers ratio max 30% (±) Cis and  
min 70% (±) trans.

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

\*\*U.S. Patent No. 3,683,078

EPA REG. NO. 1769-315

**CAUTION**  
**KEEP OUT OF REACH**  
**OF CHILDREN**

See right panel for first aid and additional  
precautionary statements.

NET CONTENTS:

**NATIONAL CHEMSEARCH**  
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### 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 edible product areas of food processing plants, restaurants or other areas where food is commercially prepared or processed. Do not use in eating areas where food is exposed. In the home, cover all food handling surfaces and cover or remove all food and cooking utensils.

For use in non food areas of food handling establishments, in and around premises of commercial, industrial, office, residential, public, institutional and storage buildings, hotels, motels, homes, preschools, nurseries, day camps, seed houses, packing and processing plants, fire handling areas of pulp plants, milk storage rooms, egg processing plants, supermarkets, restaurants, bottling plants, canneries, flour and feed mills, bakeries, boats, ship cabins and hospitals. In hospitals, patients should be removed prior to treatment. Also for use in campers, motor homes, buses, automobiles, trucks, barges and ship cargo holds. Also for use in dog kennels and horse stables. In horse stables, not for application if horses will be used for food.

Do not use on electrical equipment or on surfaces that can be harmed or stained by water.

### INDOORS

**FLYING INSECTS:** To kill houseflies, deer flies, stable flies, gnats, fruit flies, flying house flies, etc.—Apply as a space spray. Mix well before using. Fill spray tank with undiluted DUAL-CIDE. Adjust pressure and nozzle to deliver fine mist. Spray close to doors and windows. Point nozzle upward, direct the spray mist to all parts of the room, especially in nooks and other tight spaces which attract these insects. Keep the spray nozzle at all times at least four feet from fabrics to avoid wetting or staining. Fill the room with mist of the dosage of one fluid ounce per 1000 cubic feet of space. Then leave the treated area. Keep the room closed for at least 15 minutes. Ventilate the room when treatment is completed and before reentry.

To kill wasps, hornets, yellow jackets, bees—Application should be made in late evening when insects are at rest. Spray liberally into hiding and breeding places, especially under eave rafters, contacting as many insects as possible. Repeat as necessary.

**CRAWLING INSECTS:** To kill fleas, cockroaches, waterbugs, crickets, silverfish, ear gnats, spiders, centipedes, millipedes, grass mites and grass insects, tadpoles and accessible stages of confused flour beetles, red flour beetles, sawtoothed grain beetles, shiny spider beetles, carpet beetles, grain weevils, Angoumois grain moths, Indian meal moths—Apply as a contact spray. Mix well before using. Fill spray tank with undiluted DUAL-CIDE. Keep spray nozzle about 8 to 12 inches from surface to be treated. Adjust pressure and nozzle to deliver a coarse spray with particle size larger than that of the average aerosol. Spray thoroughly into hiding places such as cracks, crevices, moat areas, openings around pipes, etc., under refrigerators, baseboards, storage areas and other insect harborage areas. Spray directly on insects where possible. Repeat as necessary.

**Grain insects:** For control of the insect pests listed above, remove infested grain, cereal, or flour and destroy. Avoid contamination of other food and foodstuffs in the area by removing before spraying. Spray directly on exposed stages and into cracks and crevices where grain insects may be hiding. In homes, dispose of all infested products. The shelves and drawers should be cleaned and thoroughly sprayed with as to contact all pests, and covered with sheet paper after a cleaning is made. Any users that are contacted with spray should be washed before using. Repeat as necessary.

**TO KILL SPIDERS:** Spray directly on these pests and use repeated applications to the ceiling and all cracks and crevices which harbor spiders.

**TO KILL ANTS:** Spray directly on ant trails, frames, ant nests and hills.

**TO KILL BEDBUGS:** Act as a spot treatment to cracks and crevices around baseboards, horizontal baseboards and walls. First thoroughly clean and seal all cracks and openings. Then spot treat only areas that may harbor bedbugs. Do not attempt to treat floors and seams. Repeat as necessary for persistent infestations. Consult professional applicator.

NOT FOR RESALE OR RESIDENTIAL USE AND STORAGE  
UNLESS APPLIED AND STORED BY SERVICE PERSONS

ACCEPTED

JUN 16 1981

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**TO KILL FLEAS ON SOIL, CATS AND DOGS:** Empty directly to ground along back, under collars, and on other areas except around and above face. Do not contact skin and insure 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. Repeat within 24 hours of first treatment, if necessary. To reduce reinfestation, thoroughly spray the animal's bedding and other resting areas and the surface of slightly moist. Treat these areas at the rate of two seconds per linear foot at a distance of 12 to 18 inches. Also spray the entire inside surface of dog houses. Repeat as necessary. Thoroughly spray floors, cracks, crevices and bedding. Kill as many insects directly as possible.

### OUTDOORS

**TO KILL HOUSEFLIES, MOSQUITOS, GNATS, HORNETS, DEER FLIES, FLYING MOths, etc.:** Follow precautions listed above. Hold container 18 to 24 inches from shrubs, bushes and grassy areas. Spray these areas with a slow sweeping motion at the rate of from 1 to 3 seconds per cubic yard of space while moving away from the treated area. Treat open porches and patios in a similar manner. Spray only when insects are still active and before occupying the treated area. Repeat as necessary.

**WASPS, HORNETS, YELLOW JACKETS, BEES:** Same as directed above for indoor use. Application should be made late in the evening when insects are at rest. Spray at nest openings in ground, bushes, and in cracks and crevices which may harbor nests, surrounding nest openings and contacting as many insects as possible. Repeat as necessary.

**ANTS AND FLEAS:** Same as directed above for indoor use.  
**CRICKETS, SILVERFISH, EAR GNATS, SPIDERS, SCORPIONS, CENTIPEDES AND MILLIPEDES:** Same as directed above for indoor use.

### PRECAUTIONARY STATEMENTS

HARMFUL TO HUMANS AND DOMESTIC ANIMALS

### CAUTION

Harmful if swallowed. Avoid contact with eyes, skin or clothing. Avoid contamination of feed and foodstuffs. Remove pets, birds and cover fish aquariums before space spraying. Do not use on edible crops. Do not remain in treated areas. Ventilate the area when treatment is complete.

**IRRITATION:** Move to fresh air. Give supportive treatment if necessary. Try to avoid breathing of vapor or spray mist.

**Skin:** Avoid contact with skin. If contact does occur, wash skin thoroughly with soap and water. If skin irritation occurs, contact a physician.

**Eyes:** Avoid. If contact does occur, flush eyes with water for 15 minutes. See a physician if irritation persists.

**Ingestion:** If swallowed, induce vomiting by sticking finger in back of throat or by administration of syrup of ipecac. Get medical attention.

**Environmental Hazards:** Keep out of lakes, streams or ponds. Do not apply where runoff is likely to occur. Do not apply when weather conditions favor drift from areas treated. Apply this product only as specified on the label. Do not contaminate water by cleaning of equipment or disposal of wastes. This product should be disposed of in a safe land.

### STORAGE AND DISPOSAL

**PROHIBITIONS:** Do not contaminate water, food or feed by storage or disposal. Open burning and burial is prohibited.

**PESTICIDE DISPOSAL:** Pesticide spray mixture or waste that cannot be used or chemically reprocessed should be disposed of in a landfill approved for pesticides.

**CONTAINER DISPOSAL:** Triple rinse for equivalent and offer for recycling, reconditioning or disposal in approved landfill or burn in a safe place. A container size of 30 GALS. or more may be reused and offered for reconditioning.

**GENERAL:** Consult Federal, State or local disposal authorities for approved alternate procedures.

To Register in Texas call 1-800-442-7742. Outside Texas call 1-800-527-8921.

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