



# ORTHO

## ORTHENE<sup>®</sup> Ornamental Insect Spray

Contains ORTHENE<sup>®</sup> Systemic Insecticide

Sprays In Any Direction For Complete Protection

**KILLS:** Aphids, Armyworms, Bagworms, Flower Thrips, Mites, Mealybugs, Diabrotica Beetle, Leafminers, Caterpillars, Scale Crawlers, Whitefly, Sawfly, Leaf Spitters, Spittlebug, Fall Webworms and many other listed pests.

CAN BE USED IN INTERIOR OR EXTERIOR PLANTSCAPES

Kills both by contact and systemic action

SYSTEMIC ACTION PROTECTS against reinfestation for up to 2 weeks on Roses, Flowers, Houseplants, Ornamentals, Shrubs, and Small Trees

Active Ingredients	By Wt.
** Acephate (O,S-Dimethyl acetylphosphoramide thioate) .....	0.25%
** Resmethrin [5-(phenylmethyl)-3-furanyl]methyl 2,2-dimethyl-3-(2-methyl-1-propenyl) cyclopropanecarboxylate .....	0.10%
Inert Ingredients .....	99.65%
** ORTHENE <sup>®</sup> , Acephate U.S. Pat. No. 3,716,600	
*** Cis/Trans isomers ratio max. 30% (±) cis and min. 70% (±) trans	
U.S. Pat. Nos. 3,456,007 and 3,683,078	

Keep out of reach of children

### CAUTION

See back panel for additional precautionary statements.

Manufactured for

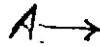
**Chevron Chemical Company** © 1984

Ortho Consumer Products Division  
San Francisco CA 94120-7144 Richmond CA 94804-0036

Product 1000-64 Made in U.S.A.

R Form 10123-C

EPA Reg. No. 239-2440-AA



**PRECAUTIONARY STATEMENTS**

**HAZARDS TO HUMANS & DOMESTIC ANIMALS**

**CAUTION:** Harmful if swallowed or absorbed through skin. Do not breathe spray mist. Avoid contact with eyes, skin or clothing. If swallowed, promptly drink a large quantity of water and induce vomiting. Get medical attention immediately. In case of eye contact, immediately flush eyes with plenty of fresh water. Get medical attention if irritation persists. For skin, wash thoroughly with soap and water. Note to Physicians: Emergency Information - call (415) 233-3737. Acephate is a cholinesterase inhibitor. If signs or symptoms of cholinesterase inhibition occur, atropine and 2-PAM are antidotes. **PHYSICAL OR CHEMICAL HAZARDS:** Extremely Flammable. Do not use or store near fire, sparks or heated surfaces. Contents under pressure. Do not puncture or incinerate container. Exposure to temperatures above 130° F. may cause bursting.

#### DIRECTIONS FOR USE

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

**READ ENTIRE LABEL AND PAMPHLET. USE STRICTLY IN ACCORDANCE WITH LABEL PRECAUTIONARY STATEMENTS AND DIRECTIONS.**

**OUTDOORS**—Kills the following insect pests on flowers and ornamentals as listed below. Can be used in exterior plantscapes. This product has not been tested on rare or unusual varieties, therefore it is advisable to test on a few plants before spraying large numbers.

**Pests:** Aphids, Armyworms (Yellow Striped, Southern, Fall), Bagworms, Catalpa Sphinx Moth (Larvae), Cuban Laurel Thrips, Diabrotica Beetle\*, Eastern Tent Caterpillar, Fall Webworm, Flower Thrips\*, Lace Bugs, Leafbeetles (Elm, Cottonwood), Leafhoppers, Leafminers\* (Holly, Birch), Maple Shoot Moth (Larvae), Mealybugs\*, Mites\* (Twospotted, Southern Red), Oleander Caterpillar, Orangestriped Oakworm, Poplar Tentmaker, Psyllids (Persimmon), Rose Midge\*, Salt Marsh Caterpillar, Sawfly (Dusky Birch), Scales\* (Crawlers—Black, Teal), Spittlebug, Spittlebug, Whitefly\*.

**Plants:** Ageratum, Ardisia, Azalea, Birch, Calendula, Camellia, Carnation, Catalpa, Chrysanthemum, Coleus, Cottonwood, Crapemyrtle, Croton, Cuban Laurel, Dahlia, Daisy, Elm (Chinese and American), Gardenia, Indian Laurel, Ivy, Japanese Persimmon, Juniper, Maple, Marigold, Myrtle, Oak, Oleander, Pansy, Poinsettia, Poplar, Pyracantha, Rose, Salvia, Red Cedar, Snapdragon, Spirea, Sycamore, Viburnum, Weeping Willow, Wild Cherry, Wild Plum, Yucca (Holly).

\*Spray 2-3 times about 7-10 days apart to kill these harder-to-kill pests. Additional sprays may be needed if plants become reinfested.

**When to Apply** — Spray at first sign of pests, before infestation is heavy. Repeat at 7-10 day intervals when insect populations occur. Spray in the morning when air is still — not in heat of mid-day or in bright sun. Do not apply to wilted plants.

**How to Apply** — Hold can in upright position approximately 18" from plant. Apply as a light dry spray covering both upper and lower leaf surfaces. To spray under leaves, turn can upside down and release spray. Note: Holding aerosol too close to foliage may result in overwetting and damage to tender foliage.

**INDOORS**—Kills the following insect pests on house plants as listed below. Can be used in interior plantscapes. This product has not been tested on rare or unusual varieties, therefore it is advisable to test on a few plants before spraying large numbers.

**Pests:** Aphid, Mealybug\*, Twospotted Spider Mite\*, Scale Crawlers\*, Whitefly\*.

**Plants:** Aluminum Plant, Areca Palm, Asparagus Fern, Baby Leaf Ivy, Blood Flower, Boston Fern, Butterflyweed, Coffee Plant, Coleus, Croton Dieffenbachia, Dracaena, English Ivy, False Aralia, Fuchsia, Geranium, Grape Ivy Jade Plant, Japanese Aralia, Kalanchoe, Mirror Plant, Needle Point Ivy, Nephthytis, Parlor Palm (Neanthe Bella Palm), Peperomia, Piggyback Plant, Pilea, Poinsettia, Prayer Plant, Purple Passion, Purple Velvet Plant, Schefflera, Spider Plant, Swedish Ivy, Wandering Jew, Weeping Fig (Ficus benjamina), Zebra Plant.

\*Spray 2-3 times about 7-10 days apart to kill these harder-to-kill pests. Additional sprays may be needed if plants become reinfested.

**When to Apply**—Spray at first sign of pests, before infestation is heavy. Repeat if necessary. Do not apply more frequently than the 7 day interval noted above. Do not apply to wilted plants or to plants that are in direct sunlight. Plants may be sprayed indoors.

#### How to Apply

Hold can approximately 18" from plant. Apply as a light spray, in short bursts, covering both upper and lower leaf surfaces. Do not spray towards face, or put face in mist cloud.

**NOTE:** Holding aerosol too close to foliage may result in overwetting and damage to tender foliage. Avoid direct spraying of plastic pots, asbestos tile, vinyl tile floors or latex painted walls as etching or staining may occur.

#### STORAGE AND DISPOSAL

**STORAGE:** Store in a secure, preferably locked storage area away from heat or open flame.

**DISPOSAL: PRODUCT**—Unused product may be disposed of by securely wrapping original container in several layers of newspaper and discard in trash. **CONTAINER**—Replace cap and discard container in trash. Do not incinerate or puncture.

**NOTICE:** Buyer assumes all responsibility for safety and use not in accordance with directions.

**BEST AVAILABLE COPY**

ORTHENE Ornamental Insect Spray  
EPA Reg. No. 239-2440  
Submitted: March 8, 1985

COPY A

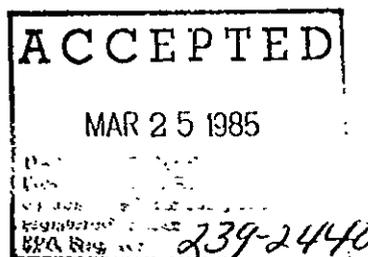
**CAUTION:** Harmful if swallowed. Causes eye irritation. Avoid contact with eyes, skin or clothing. Avoid breathing spray mist. Wash thoroughly with soap and water after handling.

**STATEMENT OF PRACTICAL TREATMENT:** In case of eye contact, immediately flush eyes with fresh water for 15 minutes. If irritation persists, see a doctor. If swallowed, DO NOT make person vomit unless directed to do so by a doctor. Immediately take person and container to a doctor or an emergency hospital. If this is not possible, telephone for medical advice. Note to Physicians: Emergency Information - call (415) 233-3737. Acephate is an organophosphorus cholinesterase inhibitor. If signs and symptoms of cholinesterase inhibition develop, atropine sulfate is antidotal; 2-PAM may also be given in conjunction with atropine, but should never be used alone.

**ENVIRONMENTAL HAZARDS:** This product is toxic to fish. Do not apply directly to water. Cover fish aquaria or fish ponds before spraying. This pesticide is toxic to birds. Do not apply directly to water or wetlands. Do not contaminate water by cleaning of equipment or disposal of wastes. Cover or soil-incorporate spills.

This product is highly toxic to bees exposed to direct treatment or residues on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds if bees are visiting treatment area.

**PHYSICAL OR CHEMICAL HAZARDS:** Extremely Flammable. Do not use or store near fire, sparks or heated surfaces. Contents under pressure. Do not puncture or incinerate container. Exposure to temperatures above 130° F. may cause bursting.



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