



ORTHO ORTHENE® Garden Spray

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS & DOMESTIC ANIMALS

WARNING: Causes eye irritation. Do not get in eyes. Avoid contact with skin or clothing. Harmful if swallowed. Avoid breathing vapor or spray mist. Wash thoroughly after handling. In case of eye contact immediately flush eyes with fresh water for 15 minutes and get medical attention. If swallowed promptly drink a large quantity of water and induce vomiting. Get medical attention immediately. **Note to Physicians:** Emergency information: call 1-815-233-3737. This product contains a cholinesterase inhibitor. If signs and symptoms of cholinesterase inhibition are present, atropine is antidotal. 2 FAM may also be given in conjunction with atropine. **ENVIRONMENTAL HAZARDS:** This pesticide is toxic to fish. Use with care when applying in areas adjacent to any body of water. Keep out of lakes, ponds and streams. Do not apply when weather conditions favor runoff or drift from treated area. Do not contaminate water by cleaning of equipment or disposal of wastes. **PHYSICAL OR CHEMICAL HAZARDS:** Flammable. Keep away from heat and open flame.

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

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

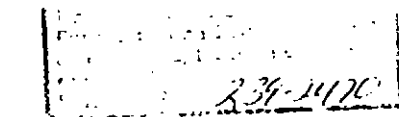
HOW TO USE: Mix thoroughly and spray entire plant, covering both upper and lower leaf surfaces. May be applied with an ORTHO SPRAYETTE, ORTHO Lawn and Garden Sprayer, tank type or power sprayer. Make new dilution for each use. This product is designed for outdoor use only by home gardeners. It has not been tested on rare unusual varieties, therefore, when these plants are present it is advisable to test on a few plants before spraying large numbers. **Do not apply to plants to be used for food or feed.**

Rate to Apply — Aphids on Roses, Flowers, Shrubs, Trees: Apply 2 Tbs (1 fl oz) to 1 gal water. Spray as aphids appear. Repeat if reinfestation occurs.

Japanese Beetle on Roses, Linden and Boston Ivy: Apply 4 Tbs (12 fl oz) to 1 gal water. Begin spraying when beetles or their damage first appear and repeat at 7 to 10 day intervals for as long as needed.

Against Listed Pests on Roses, Flowers, Shrubs and Trees: Apply 3 Tbs (1 1/2 fl oz) to 1 gal water. Spray when insects or mites are present or feeding damage is first noticed. Repeat if reinfestation occurs. For Mealybugs, Flower Thrips, Whiteflies, Mites, Scales and other hard to control pests, spray 2 to 3 times about 7 to 10 days apart. For best results, apply at first sign of infestation, before population becomes large.

CONTROLS: Ash Plant Bug, Bagworm, Beet Armyworm, Birch Leafminer, Black Vine Weevil, Budworms, Cabbage Looper, Catalpa Sphinx Moth (larvae), Cottonwood Leaf Beetle, Cuban Laurel Thrips, Elm Leaf Beetle, Fall Cankerworm, Fall Webworm, Gypsy Moth (larvae), Holly Leafminer, Lacebugs, Leafrollers, Leafhoppers, Lilac Leafminer, Maple Shoot Moth (larvae), Mimosa Webworm, Mealybugs, Nantucket Pine Tip Moth (larvae), Oak Webworm, Obscure Root Weevil, Orangestriped Oakworm, Poplar Tent maker, Psyllids, Saddled Prominent Caterpillar, Sawflies (Dusky Birch, Blackheaded Ash, Redheaded Pine and European Pine), Scales (crawlers), Spittlebugs, Spruce Mite, Stink bugs, Thrips, Tent Caterpillars, Two spotted Spider Mite, Whiteflies, Willow Leaf Beetle.



PLANTS: Ageratum, Alpine Currant, Aluminum Plant, Alyssum, Andromeda, Arborvitae, Ash, Aspen, Aster, Aralia, Bald Cypress, Birch (Gray, Columnar, Cut Leaf, White Paper), Bird's nest Fern, Bird's nest Sansonera, Bird of Paradise, Boston Ivy, Bottlebrush, Butt Oak, Calendula, Camellia, Catalpa, Chestnut Oak, Cherry Laurel, Cosmos, Crape myrtle, Cuban Laurel, Dahlia, Dracaena, Dwarf Thuja, Elm, Euonymus, False Aralia, Flowering Plum, Forsythia, Fuchsia, Gardenia, Gazania, Geranium, Green Ash, Gladiolus, Hawthorn, Holly (American, Burford Yucca), Honey Locust, Impatiens, Italian Cypress, Jade Plant, Juniper, Kalanchoe, Laurel, Lilac, Linden, Maple, Marigold, Mimosa, Mountain Holly, Myosotis, Oak, Ornamental Cabbage, Ornamental Pear, Oleander, Periwinkle, Petunia, Photinia, Philodendron, Pittosporum, Poinsettia, Pine, Pyracantha, Prayer Plant, Podocarpus, Poplar, Pothos, Privet, Purple Passion, Redbud, Rhododendron, Rose, Salvia, Sassafras, Schefflera, Silver Maple, Snapdragon, Spider Plant, Spirea, Spruce, Stock, Strawberry Begonia, Sycamore, Viburnum, White Oak, Wild Plum, Wild Rose, Wild Black Cherry, Willow, Yucca, Yew, Zinnia.

NOTE: Do not apply to American Elm, Flowering Crabapple, Sugar Maple, Red Maple, Cottonwood, Redbud, Begonia and Weigela as foliage injury may occur.

***SPECIAL DIRECTIONS: BLACK VINE WEEVIL.** — Apply full coverage spray to foliage and soil beneath plants. Begin applications in mid June and make 3 additional applications at 3 week intervals.

COMBINATION SPRAY WITH FUNGICIDE OR FERTILIZER ON ROSES: ORTHENE Garden Spray may be used together with PHANTOM Rose & Garden Fungicide or ORTHOCIDE Garden Fungicide or ORTHO FUNGINEX® Rose Disease Control or ORTHO Rose & Flower Food 8-12-4 liquid at the rates recommended on each product label. Apply fungicide on a regular schedule to control disease and add ORTHENE Garden Spray only when insect control is desired. Do not apply more than three consecutive applications of ORTHENE Garden Spray in combination with any of the above fungicides. Clean sprayer after each use by flushing with water. Do not use household bleach as a cleaning agent.

STORAGE AND DISPOSAL: Keep pesticide in original container. Do not put concentrate or dilute into food or drink containers. Do not contaminate food or food containers. Do not reuse empty container. Wash container and put in trash collection.

FUNGINEX® reg. TM of CELAMERCK GmbH & Co.

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

Chevron Chemical Company

Ortho Consumer Products Division
San Francisco CA 94119 Richmond CA 94804
Product 5442 Made in U.S.A.
Form 9628 F
EPA Est. 239 CA 1
EPA Reg. No. 239-2470-AA



ORTHO ORTHENE® Garden Spray

CONTROLS: Aphids, Mites, Thrips, Mealybugs, and other listed pests on Roses, Flowers, Ornamentals.

CONTAINS ORTHENE SYSTEM INSECTICIDE AND KELTHANE. ALSO CONTROLS JAPANESE BEETLES.

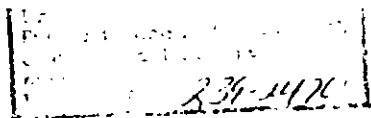
Active Ingredients
*Acephate (O.S. Dimethyl acetophosphorothioate)
**1-bis (p-chlorophenyl)-2,2,2-trichloroethane
Inert Ingredients
*ORTHENE, U.S. Pat. No. 3,716,644
**KELTHANE, TM Reg. U.S. Pat.

Keep out of reach of children.

WARNING

See side panel for additional precautions.

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ORTHENE® Garden Spray

PRECAUTIONARY STATEMENTS AND DOMESTIC ANIMALS

...ses eye irritation. Do not get in eyes. Avoid contact with skin or
swallowed. Avoid breathing vapor or spray mist. Wash thoroughly
if eye contact. Immediately flush eyes with fresh water for 15 min.
attention. If swallowed, promptly drink a large quantity of water and
of medical attention immediately. **Note to Physicians:** Emergency in-
5 233-3737. This product contains a cholinesterase inhibitor. If signs
cholinesterase inhibition are present, atropine is antidotal. 2-PAM may
action with atropine. **ENVIRONMENTAL HAZARDS:** This pesticide
care when applying in areas adjacent to any body of water. Keep
streams. Do not apply when weather conditions favor runoff or drift
contaminate water by cleaning of equipment or disposal of wastes.
HAZARDS: Flammable. Keep away from heat and open flame.
USE. It is a violation of Federal law to use this product in a manner in
labeling.

USE STRICTLY IN ACCORDANCE WITH LABEL PRECAUTIONARY DIRECTIONS

thoroughly and spray entire plant, covering both upper and lower leaf
with an ORTHO SPRAYETTE, ORTHO Lawn and Garden Sprayer,
sprayer. Make new dilution for each use. This product is designed for
home gardeners. It has not been tested on rare unusual varieties.
these plants are present, it is advisable to test on a few plants before
others. **Do not apply to plants to be used for food or feed.**

Aphids on Roses, Flowers, Shrubs, Trees: Apply 2 Tbs (1 fl oz) to 1 gal
water. Repeat if reinfestation occurs.

On Roses, Linden and Boston Ivy: Apply 4 Tbs (2 fl oz) in 1 gal water
on beetles or their damage first appear and repeat at 7 to 10 day inter-
val as needed.

On Roses, Flowers, Shrubs and Trees: Apply 3 Tbs (1 1/2 fl oz) to 1
gal water. Repeat if insects or mites are present or feeding damage is first noticed.
When occurs. For Mealybugs, Flower Thrips, Whiteflies, Mites, Scales
control pests, spray 2 to 3 times about 7 to 10 days apart. For best re-
sults, begin of infestation, before population becomes large.

**On Fruit Bug, Bagworm, Leaf Armyworm, Birch Leafminer, Black Vine
Scale, Cabbage Looper, Catalpa Sphinx Moth Larvae, Cottonwood Leaf
Miner, Thrips, Elm Leaf Beetle, Fall Cankerworm, Fall Webworm, Gypsy
Moth, Leafminer, Lacebugs, Leafrollers, Leafhoppers, Lilac Leafminer,
Lilac Tree Moth, Minnow Webworm, Mealybugs, Nantucket Pine Tip Moth,
Oakworm, Obscure Root Weevil, Orange-striped Oakworm, Poplar Tent
Caterpillar, Prominent Caterpillar, Sawflies, Dusky Birch, Black-headed Ash
and European Pine, Scales (crawlers), Spittlebugs, Spruce Mite, Stink
Caterpillar, Two-spotted Spider Mite, Whiteflies, Willow Leaf Beetle**

PLANTS: Ageratum, Alpine Currant, Aluminum Plant, Alyssum, Andromeda, Arborvitae,
Ash, Aspen, Aster, Azalea, Bald Cypress, Birch (Gray Columnar, Cut Leaf, White Paper),
Bird's nest Fern, Bird's nest Sansevieria, Bird of Paradise, Boston Ivy, Bottlebrush, Burr
Oak, Calendula, Camellia, Catalpa, Chestnut Oak, Cherry Laurel, Cosmos, Crapemyrtle,
Cuban Laurel, Dahlia, Dracaena, Dianthus, Elm, Euonymus, False Aralia, Flowering Plum,
Forsythia, Fuchsia, Gardenia, Gazania, Geranium, Green Ash, Gladiolus, Hawthorn,
Holly (American, Burford, Yaupon), Honey Locust, Impatiens, Italian Cypress, Jade Plant,
Juniper, Kalanchoe, Laurel, Lilac, Linden, Maple, Marigold, Mimosa, Mountain Holly,
Myosotis, Oak, Ornamental Cabbage, Ornamental Pear, Oleander, Periwinkle,
Petunia, Photinia, Philodendron, Pittosporum, Poinsettia, Pine, Pyracantha, Prayer Plant,
Podocarpus, Poplar, Pothos, Privet, Purple Passion, Redbud, Rhododendron, Rose,
Salvia, Sassafras, Schefflera, Silver Maple, Snapdragon, Spider Plant, Spirea, Spruce,
Stock, Strawberry Begonia, Sycamore, Viburnum, White Oak, Wild Plum, Wild Rose, Wild
Black Cherry, Willow, Yaupon, Yew, Zinnia.

NOTE: Do not apply to American Elm, Flowering Crabapple, Sugar Maple, Red Maple,
Cottonwood, Redbud, Begonia and Weigelia as foliage injury may occur.

***SPECIAL DIRECTIONS: BLACK VINE WEEVIL.** — Apply full coverage spray to foliage and
soil beneath plants. Begin applications in mid June and make 3 additional applications at
3 week intervals.

COMBINATION SPRAY WITH FUNGICIDE OR FERTILIZER ON ROSES: ORTHENE Garden
Spray may be used together with PHALIAN Rose & Garden Fungicide or ORTHOCIDE Gar-
den Fungicide or ORTHO FUNGINEX® Rose Disease Control or ORTHO Rose & Flower
Food 8-12-4 (liquid) at the rates recommended on each product label. Apply fungicide on a
regular schedule to control disease and add ORTHENE Garden Spray only when insect
control is desired. Do not apply more than three consecutive applications of ORTHENE
Garden Spray in combination with any of the above fungicides. Clean sprayer after each
use by flushing with water. Do not use household bleach as a cleaning agent.

STORAGE AND DISPOSAL: Keep pesticide in original container. Do not
put concentrate or dilute into food or drink containers. Do not contaminate food or food
stuffs. Do not store diluted spray. Do not reuse empty container. Wrap container and put
in trash collection.

FUNGINEX® reg. TM of CELAMERCK GmbH & Co.

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

Chevron Chemical Company

Ortho Consumer Products Division
San Francisco CA 94119 Richmond CA 94804
Product 5442 Made in U.S.A.
Form 5628 F
EPA Est. 239 CA 1
EPA Reg. No. 239 2470 AA



ORTHO ORTHENE® Garden Spray

Makes Up
To 32 Gallons
Spray

CONTROLS: Aphids, Mites, Thrips, Mealybugs, Whiteflies, Scales and many
other listed pests on Roses, Flowers, Ornamentals, Shrubs and Trees.

**CONTAINS ORTHENE SYSTEMIC
INSECTICIDE AND KELTHANE MITICIDE
ALSO CONTROLS JAPANESE BEETLES**

Active Ingredients	By Wt
*Acephate (O,S Dimethyl acetylphos- phoramidothioate)	8.0%
**1,1-bis (p-chlorophenyl) 2,2,2-trichloroethanol	3.0%
Inert Ingredients	89.0%
*ORTHENE, U.S. Pat. No. 3,716,600	
**KELTHANE, TM Reg. U.S. Pat. Off. by Rohm & Haas Co.	

Keep out of reach of children

WARNING

See side panel for additional precautionary statements.

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