

# ORTHOX<sup>®</sup> Spray

## PRECAUTIONARY STATEMENTS

### HAZARDS TO HUMANS & DOMESTIC ANIMALS

#### DANGER

Corrosive to eyes. Concentrate causes eye damage and skin irritation. Harmful if swallowed and absorbed through the skin. Do not get in eyes or on skin or clothing. Wear gloves and eye protection when handling. Avoid breathing spray mist.

#### STATEMENT OF PRACTICAL TREATMENT

In case of eye contact immediately flush eyes with fresh water for 15 minutes and seek a doctor. Wash skin thoroughly with soap and water. If swallowed give large quantities of water and seek a doctor. See a doctor immediately.

Note to Physicians: Emergency information call 1-815-233-3777.

#### ENVIRONMENTAL HAZARDS

Do not apply directly to water. Do not apply where runoff is likely to occur. Do not apply when weather conditions favor drift from areas treated.

#### PHYSICAL OR CHEMICAL HAZARDS

MAY GIVE OFF HIGHLY TOXIC AND EXTREMELY FLAMMABLE HYDROGEN SULFIDE GAS IF MIXED WITH ACIDS

#### 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

**DIRECTIONS:** For best results spray to cover all exposed plant parts. Repeat as necessary. Do not spray when temperature is over 80° F. All spraying should be done early in the morning to avoid burning. Make new dilution for each use. For Best Results Use an ORTHO SPRAYETTE Garden Hose Sprayer.

#### GROWING SEASON SPRAYING

**POWDERY MILDEW:** Roses, Delphinium, Lilacs, Eranthis, Columbine, Grape Myrtle, Sweet Peas, Zinnias, Western Grapes, Fruits, Ornamentals, Tuberos, Begonias, **BLACK SPOT RUST:** Roses. 2 teaspoonfuls per gallon water on tender new growth and 1 teaspoonful per gallon on mature foliage. Apply every 1 to 2 weeks.

**FOR SEVERE BLACK SPOT ON ROSES:** Use PHANTOM Rose & Garden Fungicide or ORTHO FUNGICIDE Rose Disease Control.

**TREATMENT UNDER GLASS:** Use no more than 1 to 4 teaspoonfuls per gallon water. **SCAB:** Peaches. 2 teaspoonfuls per gallon water. Apply from swelling bud stage at 1 day intervals for 3 or 4 applications. Make additional 7 day applications in humid wet weather.

**COMBINATION INSECT AND DISEASE CONTROL SPRAY:** To Control Insects and Linked Diseases on ROSES and Many Other Ornamentals. 2 teaspoonfuls ORTHOX Spray and 1 Tablespoonful ISOTON Insect Spray in 1 gal. water on young foliage. If mildew becomes severe later in the season ORTHOX Spray dosage should be increased to 4 teaspoonfuls per gallon water in this combination.

**TO MIX:** Put water in spray, add ORTHOX and then ISOTON Insect Spray.

#### DORMANT SPRAYING

**ROSE RUST BLACK SPOT:** Roses. Pulse test on all leaves. If all leaves show symptoms, 5 to 6 quarts per gallon water.

**PEACH LEAF CURL, PEACH BLIGHT:** Peaches. 10 Tablespoonfuls 5 to 6 quarts per gallon water before heavy rains, and also before buds begin to swell.

**BLISTER MITE:** Peaches. 10 Tablespoonfuls 5 to 6 quarts per gallon water just as buds begin to swell, spring and late fall before leaves start to turn, or in

**LEAF SPOT CANE BLIGHT RED BERRY TROUBLE:** (Recognized by Omerl Berries) Berries. 10 Tablespoonfuls 5 to 6 quarts per gallon water in late fall followed by another treatment in spring as buds begin to swell.

#### COMBINATION WINTER SPRAY

**FRUIT TREES, ROSES, DECIDUOUS HEDGE PLANTS, SHADE TREES AND SHRUBS:** (Dormant, deciduous only) - San Jose Scale, Rose Scale, Oyster Shell Scale, Brown

**APRICOT SCALE BLACK SCALE, Overwintering Insect Eggs, Many Overwintering Fungus Spores or Plant Diseases:** FOR BEST RESULTS Use 1 1/2 pints ORTHOX Spray and 1 pint ISOTON Supreme Or Spray in 6 quarts water in 7 1/2 Tablespoonfuls ORTHOX Spray and 1 1/2 Tablespoonfuls ISOTON Supreme Or Spray per gallon. Keep agitated during spraying.

#### LAWN AND SOIL TREATMENT

**LAWNS, GARDENS:** To condition alkaline lawn and garden soils and improve water penetration and moisture retention in heavy soils, apply 1 pint in 7 1/2 to 15 quarts water or 400 sq. ft. area. Apply with ORTHO Lawn Sprayer or watering can. After application water lawn moderately. Apply every 60 days throughout spring and summer season.

**SOIL CORRECTION FOR ACID LOVING PLANTS:** Rhododendrons, Azaleas, Camellias, 1/2 pint in 10 quarts water. Apply 1/2 gal. diluted material per plant to surface of soil around plant. Repeat treatment every 2 to 3 months until plants regain proper growth.

**Avoid spraying on painted surfaces to avoid staining. Do not use on Apricots as they are injured by sulfur sprays. Do not use on Chrysanthemums in Pacific Northwest states.**

Keep in tightly closed container when not in use. If a crust should form on the surface, break through the crust and stir thoroughly. Product quality is not impaired by crystallization. When in use, always immediately wash thoroughly and destroy. Never reuse.

#### STORAGE AND DISPOSAL

Keep in tightly closed container. Do not put concentrate or dilute into food or feed containers. Do not store diluted spray. Do not reuse empty container. Wrap container and put in trash collection.

**FUNGICIDE:** is a registered trademark for Infraline a subsidiary of E.I. AMERCK GmbH & Co. K. G. in Germany. See page 10.

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

#### Chevron Chemical Company

Ortho Division, Product Division  
San Francisco, CA 94104  
Phone: (415) 960-9600  
Made in U.S.A.  
© 1978 Chevron Chemical Company



# ORTHO ORTHO Spray

Lime-Sulfur Fungicide  
For Rose Mildew and Peach  
Also use as Soil Corrective

Active Ingredient  
Calcium Polysulfides  
Inert Ingredients  
alpha, beta, gamma, delta, epsilon, zeta, eta, theta, iota, kappa, lambda, mu, nu, xi, omicron, pi, rho, sigma, tau, upsilon, phi, chi, psi, omega  
Density: 1.2 at 60°F

Keep out of reach of children  
**DANGER**  
See side panel for additional precautions

NET CONTENTS 1 QUART



Spray

#### PRECAUTIONARY STATEMENTS

Keep out of reach of children. Harmful if swallowed. Get in eyes, on skin or on clothing. Wear protective clothing. Avoid breathing spray mist.

Flush with fresh water for 15 minutes and see a doctor if swallowed. Give large quantities of water. Call (415) 233-3737.

Where runoff is likely to occur. Do not apply to water.

Extremely flammable hydrogen sulfide.

Use in a manner consistent with its labeling.

Conformance with label precautionary statements.

Do not spray on plants or parts of plants. Repeat as needed. Do not spray on tender new growth and 3 to 4 weeks after pruning.

Use on: Eucalyptus, Citrus, Grape, Myrtle, Olive, Pecan, Peach, Pear, Plum, Prune, Rose, Shrub, Tree, and 3 to 4 weeks after pruning. Do not spray on tender new growth and 3 to 4 weeks after pruning. Do not spray on tender new growth and 3 to 4 weeks after pruning.

Use on: Eucalyptus, Citrus, Grape, Myrtle, Olive, Pecan, Peach, Pear, Plum, Prune, Rose, Shrub, Tree, and 3 to 4 weeks after pruning. Do not spray on tender new growth and 3 to 4 weeks after pruning. Do not spray on tender new growth and 3 to 4 weeks after pruning.

Destroy old leaves. Spray bushes at 1000 psi.

**PEACH LEAF CURL, PEACH BLIGHT** Peaches: 10 Tablespoons (15 oz) per gallon water in late fall before heavy rains; also before buds begin to swell.  
**BLISTER MITE** Peaches: 10 Tablespoons (15 oz) per gallon water just as buds begin to swell in spring and after before leaves start to form in color.  
**LEAF SPOT, CANE BIGHT, RED BERRY TROUBLE** (Recognized by Dwarf Berries): 10 Tablespoons (15 oz) per gallon water in late fall followed by another treatment in spring as buds begin to swell.

**COMBINATION WINTER SPRAY**  
**FRUIT TREES, ROSES, DECIDUOUS HEDGE PLANTS, SHADE TREES AND SHRUBS** (Dormant, deciduous only): San Jose Scale, Rose Scale, Oyster Shell Scale, Brown Apricot Scale, Black Scale, Overwintering Insect Eggs, Many Overwintering Fungus Spores or Plant Diseases. FOR BEST RESULTS: Use 1/2 pint ORTHORIX Spray and 1/2 pint VULCAN Supreme O/S Spray in 6 gallons water (1 1/2 Tablespoons ORTHORIX Spray and 1 1/2 Tablespoons VULCAN Supreme O/S Spray per gallon). Keep agitated during spraying.

**LAWN AND SOIL TREATMENT**  
**LAWNS, GARDENS** To condition alkaline lawn and garden soils and improve water penetration and moisture retention in heavy soils, apply 1 pint in 1 1/2 to 15 gallons water or 500 to 1000 sq. ft. area. Apply with ORTHO Lawn Sprayer or watering can. After application water in well. Apply every 60 days throughout spring and summer season as needed.

**SOIL CORRECTION FOR ACID LOVING PLANTS** — Rhododendrons, Azaleas, Camellias, Hydrangeas, etc. per gallon water. Apply 1/2 gal. diluted material per plant to surface of soil. Repeat treatment every 2 to 3 months until plants begin proper growth.  
Avoid spraying on painted surfaces to avoid staining. Do not use on Apricots as they are injured by sulfur sprays. Do not use on Chrysanthemums in Pacific Northwest states. Keep in the light's closed when not in use. If a crust should form on the surface, break through the crust and shake thoroughly. Product quality is not impaired by crystallization. When crystallization is complete immediately wash thoroughly and destroy. Never reuse.

#### STORAGE AND DISPOSAL

Keep pesticide in original container. Do not put concentrate or dilute material in food or drink containers. Do not store diluted spray. Do not reuse empty container. Wrap container and put in trash collection.

ORTHORIX is a registered trademark for Trifluoromethylsulfonamide, U.S. Pat. 2,840,000. Ortho is a registered trademark of Parke-Davis & Co., Inc., U.S. Pat. 2,840,000.

**NOTICE** — Buyer assumes all responsibility for safety and use of this product with proper precautions.

**Chevron Chemical Company**

Ortho Consumer Products Division  
San Francisco, CA 94111  
Rummond, CA 94006  
Product 1136 Made in U.S.A.  
Form W-1490-02  
EPA Reg. No. 229-30-4A  
EPA Est. 274-A



# ORTHO ORTHORIX<sup>®</sup> Spray

Makes up to  
96 Gallons  
Diluted Spray

**Lime-Sulfur Fungicide  
For Rose Mildew and Peach Leaf Curl  
Also use as Soil Corrective**

Active ingredient:  
Calcium Polysulfides  
Inert ingredients:  
alpha, beta, gamma, delta, epsilon, zeta, eta, theta, iota, kappa, lambda, mu, nu, xi, omicron, pi, rho, sigma, tau, upsilon, phi, chi, psi, omega  
hydroxyethylcellulose  
Density: 8.0 g/ml at 60°F

**ACCEPTED**  
SEP 3 1981  
Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended for the pesticide information for EPA Reg. No.

By Wt.  
26%  
74%  
10%  
29%

Keep out of reach of children  
**DANGER**  
See side panel for additional precautionary statements

**NET CONTENTS 1 QUART**

# PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS & DOMESTIC ANIMALS

## **DANGER**

Caution: If swallowed, immediately call a doctor. If inhaled, immediately call a doctor. If on skin, immediately wash with soap and water. If in eyes, immediately flush with water for 15 minutes and call a doctor. Wash skin thoroughly with soap and water. If swallowed, give large quantities of water and call a doctor immediately.

**STATEMENT OF PRACTICAL TREATMENT**  
If case of eye contact, immediately flush eyes with fresh water for 15 minutes and call a doctor. Wash skin thoroughly with soap and water. If swallowed, give large quantities of water and call a doctor immediately.

**NOTE TO PHYSICIANS:** For further information, call (815) 243-1431.

## **ENVIRONMENTAL HAZARDS**

Do not apply directly to water. Do not apply where runoff is likely to occur. Do not apply when weather conditions favor drift from treated areas.

## **PHYSICAL OR CHEMICAL HAZARDS**

**MAY GIVE OFF HIGHLY TOXIC AND EXTREMELY FLAMMABLE HYDROGEN SULFIDE GAS IF MIXED WITH ACIDS**

## **DIRECTIONS FOR USE**

This 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**

**DIRECTIONS:** For best results spray on over all exposed plant parts and repeat as necessary. Do not spray when temperature is over 80° F. Do not spray if rain is expected in the morning. Do not burn. Make new dilution each use. For Best Results Use an ORTHO SPRAYETTE Cartridge Hose Sprayer.

## **GROWING SEASON SPRAYING POWDERY FLEW RED SPIDER MITES**

Roses, Delphiniums, Lilacs, Euonymus, Columbine, Grape Myrtle, Sweet Peas, Zinnias, Fruits, Ornamentals, Tuberoses, Begonias, BLACK SPOT, RUST, ROSES: 2 teaspoonfuls per gallon water or tender new growth and 3 teaspoonfuls per gallon on mature foliage. Apply every 7 to 10 days.

## **FOR SEVERE BLACK SPOT ON ROSES**

Use PHALAN Rose & Garden Fungicide or ORTHO Fungicide Rose Disease Control.

## **TREATMENT UNDER GLASS**

Use not more than 1 to 2 teaspoonfuls per gallon water.

## **RUST MITES**

Citrus in Florida and adjacent states. Apply in late spring (April to May), in July/August 5 gal. water and again in late summer (August 15 to September 15) in autumn (October 15 to December 15) in late fall (October 15 to November 15) 5 gal. water. Apply in late fall (October 15 to November 15) 5 gal. water. Apply in late fall (October 15 to November 15) 5 gal. water. Apply in late fall (October 15 to November 15) 5 gal. water.

## **SCAB**

Pears, Apples: 1 teaspoonful per 1 gal. water. Apply in late spring (April to May), in July/August 5 gal. water and again in late summer (August 15 to September 15) in autumn (October 15 to December 15) in late fall (October 15 to November 15) 5 gal. water. Apply in late fall (October 15 to November 15) 5 gal. water. Apply in late fall (October 15 to November 15) 5 gal. water.

## **COMBINATION INSECT AND DISEASE CONTROL SPRAY**

Control Insects and Fungal Diseases on ROSES and Many Other Ornamentals: 1 teaspoonful of ORTHO Fungicide and 1/2 teaspoonful of ORTHO Insecticide per 1 gal. water. Apply in late spring (April to May), in July/August 5 gal. water and again in late summer (August 15 to September 15) in autumn (October 15 to December 15) in late fall (October 15 to November 15) 5 gal. water. Apply in late fall (October 15 to November 15) 5 gal. water. Apply in late fall (October 15 to November 15) 5 gal. water.

## **TO MIX**

1. Add 1/2 teaspoonful of ORTHO Fungicide to 1 gal. water. 2. Add 1/2 teaspoonful of ORTHO Insecticide to 1 gal. water. 3. Mix the two solutions together. 4. Apply to plants.

## **DORMANT SPRAYING ROSE RUST BLACK SPOT**

Roses: 1/2 teaspoonful per 1 gal. water. Apply in late fall (October 15 to November 15) 5 gal. water. Apply in late fall (October 15 to November 15) 5 gal. water. Apply in late fall (October 15 to November 15) 5 gal. water.

## **PEACH LEAF CURL**

Peaches: 1/2 teaspoonful per 1 gal. water. Apply in late fall (October 15 to November 15) 5 gal. water. Apply in late fall (October 15 to November 15) 5 gal. water. Apply in late fall (October 15 to November 15) 5 gal. water.

## **BLISTER CANE**

Pears: 1/2 teaspoonful per 1 gal. water. Apply in late fall (October 15 to November 15) 5 gal. water. Apply in late fall (October 15 to November 15) 5 gal. water. Apply in late fall (October 15 to November 15) 5 gal. water.

## **LEAF SPOT, CANE BIGHT, RED BERRY TROUBLE**

(Recognized by Dwarf Berries, Berries, etc.) 1/2 teaspoonful per 1 gal. water. Apply in late fall (October 15 to November 15) 5 gal. water. Apply in late fall (October 15 to November 15) 5 gal. water. Apply in late fall (October 15 to November 15) 5 gal. water.

## **COMBINATION WINTER SPRAY, FRUIT TREES, ROSES AND DECIDUOUS HEDGE PLANTS, SHADE TREES AND SHRUBS**

(For most deciduous only) For control of San Jose Scale, Rose Scale, Oyster Shell Scale, Brown Apricot Scale, Black Scale, Overwintering Insect Eggs, and many Overwintering Fungal Spores in Plant Diseases: FOR BEST RESULTS Use 5 Tablespoonfuls ORTHO Prit Spray and 5 Tablespoonfuls VULCAN Oil Spray in 1 gal. water. Keep agitated during spraying.

## **LAWN AND SOIL TREATMENT LAWNS GARDENS**

To condition alkaline lawn and garden soil and improve water penetration and moisture retention in heavy soils, apply 1 qt. in 7 to 15 gal. water on 500 sq. ft. of area. Apply with ORTHO Lawn Sprayer or watering can. After application, water lawn moderately. Apply every 60 days throughout spring and summer season as needed.

## **SOIL CORRECTION FOR ACID LOVING PLANTS**

Rhododendrons, Azaleas, Camellias: 1 teaspoonful per gal. water and apply 1/2 gal. diluted material per plant to surface of soil around plant. Repeat treatment every 2 to 3 months until plants regain proper growth.

## **STORAGE AND DISPOSAL**

Keep pesticide in original container. Do not pour or transfer to other containers. Do not use if container is damaged. Do not use if container is empty. Keep container and put in trash collection.

## **NOTICE**

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

## **ACTIVE INGREDIENT**

Calcium Polysulfides 26% By Wt

## **INERT INGREDIENTS**

alpha [p (11133 Tetramethylbutylphenyl) omega hydroxypolyoxyethylene] 74% 10% 29

## **DENSITY BASED AT 60°F**

29

## **KEEP OUT OF REACH OF CHILDREN**

## **DANGER**

See side panel for additional precautionary statements

## **NET CONTENTS 1 PINT**

## **ACCEPTED**

SEP 3 1981

Under the Federal Insecticide, Fungicide, and Rodenticide Act

Registration No. 1652-1-1

For the purpose of this Act

Ortho Chemical Company

Ortho Consumer Products Division

San Francisco, CA 94119

Attention: A-94804

Product Name: Ortho Prit Spray

Registration No. 1652-1-1

EPA Reg. No. 1652-1-1

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