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239-309

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ACCEL

JAN 13 1987

United States

Environmental

Protection

Agency

EPA Reg. No.

239-309

ORTHORIX SPRAY

EPA Reg. No. 239-309

Submitted: 8/18/85

COPY A

(Shot Hole Fungus)

CONFIDENTIAL

PROPERTY OF

CHELVON CHEMICAL COMPANY

UNTIL ACCEPTED BY EPA

HAZARDS TO HUMANS & DOMESTIC ANIMALS

PHYSICAL OR CHEMICAL HAZARDS: MAY GIVE OFF HIGHLY TOXIC AND EXTREMELY FLAMMABLE HYDROGEN SULFIDE GAS MIXED WITH ACIDS.

RECTIONS FOR USE

is a violation of Federal law to use this product in a manner inconsistent with the label.

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

RECTIONS: Full coverage is required to cover an exposed plant and repeat applications are required if aphids when temperature expected to rise above 80°F within 24 hours after application. Apply early in the morning or late in the afternoon to avoid burning. Make sure you are using the correct dosage. For best results, use ORTHO SEER® 1.91 EC.

DORMANT SEASON SPRAYING - 1 1/2 to 2 tablespoons (5 fl. oz.) per gal. of water. Black Spot, Powdery Mildew, Rust; Roses have a tendency to be susceptible to these diseases in the spring before buds begin to swell.

Late Leaf Curl - Peach Blight; Peaches - spraying is very important. **Late Fall** - spray with dormant oil. **Winter** - leaf drop, before leaves fall. **Mid Winter** - early fall coverage may be enough. In February, when buds begin to swell. **Note:** buds have to be to size of a pea before they are late to crack. Factors concerning the time of spraying are: infection level, type of weather, and the time of day. **Winter** - a combination of late fall and winter spraying is best.

Star Mites - Peaches - spray with oil before the leaves start to turn color. In roses, spray with oil as the buds begin to swell.

Spot, Co. bright red berry trouble (Recognized by Kurt Bernier, D.M.)

COMBINATION WINTER SPRAY - Fruit Trees, Roses, and Deciduous trees and leaves in winter. Hedge Plants, Shade Trees and Shrubs (Dormant, deciduous only) - San Jose Scale, Rose Scale, Yucca Shell Scale, Brown Apricot Scale, Black Scale, Overwintering Insect Eggs, Many Overwintering Fungus Spores and Plant Diseases - BEST Applied by hand or pump sprayer. THORIX Spray d S TLE VC, 8 oz. 1 qt., 1 gal. 100% active ingredients. Keep agitated during spraying.

ROWING SEASON: SPRAYING
Lowery Mildew: Roses, Delphinium, Lilacs, Euonymus, Colum-
 na, Crape Myrtle, Sweet Peas, Zinnias, Western Grapes, Fruits,
 ornamentals, Tuberous Begonias; **Black Spot, Rust, Roses** - Mix
 teaspontfuls per gallon with 1 to 2 to 3 mg. grant and 3 tea-
 spoontfuls per gallon water. Spray every 1 to 2 weeks.
Severe Black Spot on Roses - 1/2 lb. 10-10-10 lb. & Garden
 Eucalypt, ORTHO Moline, use 1/2 lb. in 100 gal. water. 2787 or
 1000 FUNGILIN Rose Disease Control



ORTHO

Makes up to
45 Cans
On the Spot
Spray

ORTHORIX[®] Spray

- For Dormant and Growing Season Disease Control.
- Controls Powdery Mildews and Peach Leaf Curl.
- Soil Corrective for Acid-Loving Plants.
- Improves Water Penetration in Heavy Soils.

Line
Sulfur
Fungicide

Active Ingredient	By Weight
Calcium Polysulfide	26%
Inert Ingredients	74%

Contains 10.4 pounds per gallon

Keep out of reach of children

DANGER

See side panel for additional precautionary statements.

NET CONTENTS 1 PT.

Rust Mites - Citrus in Florida and adjacent states: Apply sprays (April or May) at 14 cups (6 oz) per 5 gals. water in the summer (August 15 to September 15) and October 15 to December 15) at 14 cups (6 oz) per 5 gals. water in January. 14 cups (6 oz) to 5 gals. water should be sprayed during the winter and early February 15 to April 15). Note: Early and mid-season may be injured from ORTHORIX Sprays applied during and early fall months.

Scabs: Pears, Apple: Mix 1 teaspoonful in 1 gal. water from swelling bud stage at 7 day intervals for 3 to 4 hours. Make additional 7 day applications in humid weather.

COMBINATION INSECT AND DISEASE CONTROL SPRAY
control Insects and Listed Diseases on Roses and Many
Ornamentals - Mix 2 teaspoonsful ORTHORIX Spray and
1 teaspoonful ISOTOX Insect Killer in 1 gal. water on your
plants. If mildew becomes severe later in the season,
Rox Spray dosage should be increased to 4 teaspoon-
fuls of water in this combination. **TO MIX:** Put water in
a gal. ORTHORIX and then ISOTOX Insect Killer.

LAWN AND SOIL TREATMENT

LAWNS, GARDENS: To condition, remove injurious sodium from lawn and garden soils, to increase availability of and improve water penetration, and moisture retention in soils, apply 1 pt. in 15 gals. water on 500 sq. ft. of area with CRIMO Lawn Sprayer or watering can. After application, water lawn moderately. Apply every 60 days throughout growing and summer season as needed.

SOIL CORRECTION FOR ACID LOVING PLANTS - RHODODENDRONS, AZALEAS, CAMELLIAS: Mix 1 teaspoonful per gallon. Apply 1 gal. diluted material per plant to surface of the soil. Repeat treatment every 2 to 3 months until proper growth.

NOTE: Avoid spraying on painted surfaces to avoid Do not use on Apricots as they are injured by sulfur spray. Do not use on Chrysanthemums in Pacific Northwest states. Do not use in closed when not in use. If a frost occurs, break through the plastic and shake through. The plastic is not impaired by frost water.

STORAGE AND DISPOSAL

STORAGE: Keep pesticide in original container. Do not put pesticide into food or drink containers. Do not use old, stained and flammable. Store in a cool, dry place. Do not block stairways. Do not store outdoors.

DISPOSAL PRODUCT - Empty bottle may be recycled, wrapping discarded in several pieces.

CONTAINER Do not reuse. Rinse the bottle, discard.

Reg. TM of BARMERKA GmbH Corp.
 In Germany made.

NOTICE: User assumes all responsibility for safety and use in accordance with directions.

Free with direction

Chevron Chemical Company 1985

Ortho Consumer Products Division

San Francisco CA 94120-7144

Product 1136

Made in U S A.

R Form 10457-D

EPA Reg. No. 239-309-AA

EPA Est 239 MO-1

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS & DOMESTIC ANIMALS

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

STATEMENT OF PRACTICAL TREATMENT: In case of eye contact, immediately flush eyes with fresh water for 15 minutes. Remove clothing. Wash skin thoroughly with soap and water. If swallowed, induce vomiting and drink a glass of water.

Note to Physicians: Emergency information - call (415) 233-3131.

ENVIRONMENTAL HAZARDS: Do not apply directly to water. 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 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 in dormant or growing season. Do not spray when temperature is expected to exceed 90°F for the 24 hours after application. Spray early in the morning or late in the afternoon to avoid burning. Mix and use as directed for each use. For best results, use the ORTHO 222-A-RTIS hand pump sprayer.

DORMANT SEASON SPRAYING: Mix 10 Tablespoons (1 1/2 cups) concentrate with water. Black Spot, Powdery Mildew, Rust: Roses, Pear and Quince, all leaves. Spray bushes in the spring before buds begin to swell.

Peach Leaf Curl, Peach Blight (Shot Hole Fungus): Peaches - In early spring, before buds start to swell. Spray in October or November after frost has begun to kill leaves occurs. Mid-Winter: Spray before buds begin to swell or February before buds begin to swell. Note: If buds begin to swell or open, do not spray. Peach Leaf Curl Disease: Apply before buds begin to swell. For best results we recommend two consecutive applications of dormant and winter applications.

Blight Mites: Pears - Apply in the fall before the leaves start to turn color and again in the spring just as the buds begin to swell.

Leaf Spot, Cane Blight, Red Berry Trouble (Recognized by Dwarf Berries - Berries - Apply in late fall followed by another treatment in spring as buds begin to swell.

COMBINATION WINTER SPRAY: Fruit Trees, Roses, and Deciduous (no leaves in winter) 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 5 Tbs. ORTHORIX Spray and 5 Tbs. VULCAN Oil Spray in 1 gal. water. Keep diluted during spraying.

GROWING SEASON SPRAYING

Powdery Mildew: Roses, Delphinium, Lilacs, Euonymus, Columbine, Crape Myrtle, Sweet Peas, Zinnias, Western Grapes, Fruits, Ornamentals. Tuberosus Begonias; Black Spot, Rust: Roses - Mix 2 teaspoons per gal. water on tender new growth and 3 teaspoons per gal. water on mature foliage. Apply every 1 to 2 weeks. For Severe Black Spot on Roses: Use FRILTAN Fungicide. For Severe Powdery Mildew on Roses: Use DACTIN Fungicide. For Severe Black Spot on Roses: Use FRILTAN Fungicide. For Severe Powdery Mildew on Roses: Use DACTIN Fungicide. For Severe Black Spot on Roses: Use FRILTAN Fungicide. For Severe Powdery Mildew on Roses: Use DACTIN Fungicide.



ORTHO

Makes up to
48 Gallons
Dilute Pesticide
Spray

ORTHORIX® Spray

- For Dormant and Growing Season Disease Control.
- Controls Powdery Mildews and Peach Leaf Curl.
- Soil Corrective for Acid-Loving Plants.
- Improves Water Penetration in Heavy Soils.

Lime
Sulfur
Fungicide

Active Ingredient
Calcium Polysulfides ...
Inert Ingredients ...
Contains 10.4 pounds per gallon

By Wt.
24%
74%

Keep out of reach of children

DANGER

See side panel for additional precautionary statements.

NET CONTENTS 1 PT.

Rust Mites - Citrus in Florida and adjacent states: Apply in late spring (April or May) at 24 cups (16 oz.) per 5 gals. water and again in late summer (August 15 to September 15) and autumn (October 15 to December 15) at 24 cups (16 oz.) per 5 gal. water and January 15 to March 15 at 24 cups (16 oz.) per 5 gal. water. Should be sprayed in late winter and early spring (February 15 to April 15). Note: Early and mid-season orange may be injured from ORTHORIX Sprays applied during summer and early fall months.

Scabs: Pears, Apple - Mix 1 Tbs. per 10 gal. water. Apply from swelling bud stage to late summer for 3 to 4 applications. Make additional applications in humid or wet weather.

COMBINATION INSECT AND DISEASE CONTROL SPRAY: To control insects and listed diseases on Roses and Many Other Ornamentals - Mix 1 Tablespoon of ORTHORIX Spray and 1 Teaspoonful of VULCAN Oil Spray in 1 gal. water on young foliage. If mildew becomes severe later in the season, ORTHORIX Spray, dormant and winter, repeated to 4 Teaspoonfuls per gal. water in this combination TO MIX: For winter spray add ORTHORIX and mix with 2 Tbs. VULCAN Oil.

LAWN AND SOIL TREATMENT

LAWNS, GARDENS: To correct soil acidity, increase fertility of soil from lawn and garden salts, increase quantity of nutrient and improve water penetration in heavy soils, apply 1 pt. in 15 gal. water on 100 sq. ft. of area with ORTHO Lawn Sprayer. For best results, after application water lawn moderately. Apply every 4 to 6 weeks throughout spring and summer season as needed.

SOIL CORRECTION FOR ACID LOVING PLANTS - RHODODENDRONS, AZALEAS, CAMELLIAS: Mix 2 Teaspoonfuls per gal. water. Apply 1/2 gal. of diluted mixture per plant to surface of soil around plant. Repeat treatment every 2 to 3 months until plant regain proper growth.

NOTE: 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 bottle tightly closed when not in use. The cap should form a tight surface break through the seal and shake thoroughly. Product quality is not impaired by recapping.

STORAGE AND DISPOSAL

STORAGE: Keep portion in original container. Do not put concentrate or dilute mixture in other containers. Avoid contamination of food and feed stuffs. Store in a cool, dry place preferably in a locked storage area. Do not store diluted.

DISPOSAL: PRODUCT - Empty 1 qt. bottle may be disposed of by securely wrapping in plastic or several layers of newspaper and placing in trash. **CONTAINER:** Do not re-use empty bottle. Rinse thoroughly before discarding in trash.

FUNGINEX® Reg. U.S. Pat. & TM Office. CHEVRON Chemical Company, Torrance, Fungicide

NOTICE: Buyer assumes responsibility for safety and use in accordance with directions.

In Accordance with

Based on

Chevron Chemical Company

Ortho Consumer Products Division

San Francisco, CA 94120-7144

Product 1136

Made in U.S.A.

R Form 10457 F

FPA Reg. No. 233,300-5A

FPA Reg. 233,300-1