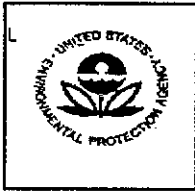


7/9/97

PM 21

9688-123

PS 177



U.S. ENVIRONMENTAL PROTECTION AGENCY  
Office of Pesticide Programs  
Registration Division (7505C)  
401 "M" St., S.W.  
Washington, D.C. 20460

EPA Reg. Number:  
9688-123

Date of Issuance:  
JUL 09 1997

NOTICE OF PESTICIDE:  
 Registration  
 Reregistration

(under FIFRA, as amended)

Term of Issuance:  
Conditional

Name of Pesticide Product:  
Fungicide M

Name and Address of Registrant (include ZIP Code):

Chemsico  
P.O. Box 15842  
St. Louis, MO 63114

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA sec. 3(c)(7)(A) provided that you:

1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of your product under FIFRA section 4.
2. Make the following labeling change before you release the product for shipment: add the phrase "EPA Registration No. 9688-123".
3. Submit one copy of the final printed label for the record.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec 6(e).

Signature of Approving Official:

Mary L. Waller

Date:

7/9/97

Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

Sincerely yours,

*Mary L. Waller*

Mary L. Waller  
Acting Product Manager (21)  
Fungicide Branch  
Registration Division (7505C)

7505C:C.Grable:cg:7/7/97



# FUNGICIDE M

## Multi-Purpose Fungicide Concentrate

[Improved formulal • Prevents and cures all major diseases on roses, lawns, flowers, ornamental shrubs and trees • Protects fruit trees • Contains ingredient used by professional landscapers nationwide • Controls brown patch, powdery mildew, black spot, rust, blights, leaf spot, mold, scab and more • Systemic action – Can't be washed away by rain • Protects for up to 2 weeks • Water Based]

**ACCEPTED  
with COMMENTS  
In EPA Letter Dated**

**JUL 09 1997**

**Under the Federal Insecticide,  
Fungicide, and Rodenticide Act  
as amended, for the pesticide  
registered under EPA Reg. No.**

**9688-123**

**Active Ingredient:**

Myclobutanil *o*-butyl-(4-chlorophenyl)-1-H-1,2,4,

triazole-1-propanenitrile ..... 1.55%

Inert Ingredients: ..... 98.46%

**KEEP OUT OF REACH OF CHILDREN**

**CAUTION**

See back [booklet] for additional precautionary statements

**NET 1 PT./473 mL**

[Chemnico Fungicide M prevents and cures all major diseases on roses, lawns, flowers, ornamental shrubs and trees. Because it works systemically, it can't be washed off by rain or sprinklers once dried and it works for weeks. Use this product throughout your yard to keep plants thriving.

*Prevents and cures . . . Black Spot, Brown Patch, Dollar Spot, Powdery Mildew, Rust, Blight, Leaf Spot . . . and more!*

**STOP. READ ALL INSTRUCTIONS INSIDE BEFORE USE.**

[OPTION FOR BOOKLET LABEL:

Stop. Read all instructions inside before using. PEEL HERE PRESS TO RESEAL]

**DIRECTIONS FOR USE:**

It is a violation of Federal law, to use this product in a manner inconsistent with its labeling. *For home use only.*



**DO NOT ALLOW PEOPLE OR PETS TO CONTACT TREATED AREAS UNTIL SPRAY HAS DRIED.**

**USE RESTRICTIONS FOR LAWNS AND ORNAMENTALS**

Do not use treated plants, grass or clippings for food or feed.

**HOW TO USE**

**1. CHOOSE AN APPLICATION METHOD.**

***Pump-Up Sprayer or Trigger Bottle Sprayer***

Fill with required amount of water. Add the amount of concentrate specified below. Replace sprayer top and shake well before spraying.

***Dial-Style Hose-End Sprayer***

Set sprayer to the "fl. oz./gallon" level specified below. Use only enough product for the area to be treated. Close sprayer, attach to hose and apply.

***Concentrate plus Water-Style Sprayer***

Determine the amount of concentrate required below. Pour concentrate into sprayer jar to the required "fl. oz." level. Then add the required amount of water to the "gals." level. Replace sprayer top on jar and shake well before spraying.

**USE TIPS**

- ✓ This product is highly effective when it is used to prevent diseases or applied at the first sign of disease. Consider treating early in the season.
- ✓ When using this product on plants not listed, test on a small area first.
- ✓ If it rains before product has dried re-apply.
- ✓ If you need more information about lawn, ornamental and fruit tree diseases contact your

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local County Extension Service.

- ✓ Handy Conversions: 1/2 fl. oz. = 1 Tablespoon and 1 fl. oz. = 2 Tablespoons. Food utensils such as measuring cups and spoons must not be used for food purposes after use in measuring pesticides.

2. TO PROTECT LAWN

Chemsico Fungicide M prevents and cures brown patch, copper spot, dollar spot, leaf spot (including septoria, zonate), melting out, crown rot, leaf smuts, powdery mildew, rust, red thread, Spring dead spot, necrotic ring spot and Summer patch on home lawns.

HOW TO TREAT

Use 3 1/2 fl oz/half-gallon of water to treat 250 sq. ft. Start treating when grass begins to turn green in the spring or when signs of diseases are first noticed. For best disease control treat every 2 weeks.

USE TIP

- ✓ For crown rot use 3 1/2 fl. oz./gallon of water to treat 250 sq. ft.

3. TO PROTECT ROSES, FLOWERS, ORNAMENTAL SHRUBS & TREES

Chemsico Fungicide M prevents and cures Black spot, Blight (blossom, cercospora leaf, ovulinia petal), Leaf spot (including cercospora), Powdery mildew, Rust (including needle, fusiform), Scab (including fusicladium) and other diseases on a wide variety of roses, flowers, trees and ornamental shrubs. See table for a complete list of plants.

HOW TO TREAT

Use 1 fl. oz./gallon of water. Apply to the point when spray just begins to run off the leaves. Apply once every 2 weeks throughout the season or until conditions favoring disease development (hot, moist weather) are no longer present. Allow spray to dry before watering.

USE TIPS

1. Treat roses on a 7 to 10 day schedule. If black spot is not a problem, a 10 to 14 day schedule is recommended.
2. When treating azaleas, mountain laurel or rhododendrons, begin spraying when flowers start to show color.
3. When treating irises, increase use rate to 2 fl. oz./gallon of water.
4. For Douglas fir, loblolly pine and slash pine use 3 fl. oz./gallon of water. Begin treating in early spring and continue treating every 2 to 3 weeks until threat of infection has passed.

PLANT (Number following plant refers to the specific Use Tip above.)	DISEASES
Rose (1)	Black spot, Powdery mildew, Rust
Azalea (2), Mountain laurel (2), Rhododendron (2)	Petal blight (ovulinia spp.) Powdery mildew

PLANT continued	DISEASES
Abelia, Acalypha (Copper-leaf), Catalpa, Flowering cherry, Hackberry, Honeysuckle, Privet, Trumpet creeper, Zinnia	Cercospora leaf spot, Powdery mildew
Ageratum, Anemone, Angelica, Ash, Aster, Birch, China aster, Chokeberry, Chrysanthemum, Columbine, Cornflower, Dianthus, Flowering quince, Flowering maple (Abutilon), Four o'clock, Fuchsia, Iris (3), Marigold, Moonflower, Nine-bark, Russian olive, Smoke-tree (Gothus)	Rust
Achillea (Yarrow), Alder, Amelanchier (Juneberry, Shadbush), Barberry, Carnation, Delphinium, Gaillardia, Gardenia, Geranium, Hollyhock, Mock-orange, Pansy, Petunia, Photinia, Salvia, Snapdragon, Viburnum	Powdery mildew, Rust
African Violet, Begonia, Bittersweet, Buckeye, California poppy, Chestnut (Horse), Cosmos, Crepe myrtle, Dahlia, Elm, Euonymus, Gourd (Ornamental), Grape leaf Ivy, Lilac, Locust, Maple, Oak, Poinsettia, Spirea, Sycamore, Walnut, Willow	Powdery mildew
Flowering almond	Blossom blight (Monilinia spp.)
Amorpha (False indigo), Bellflower, Buttonbush, Fleabane, Phlox, Sunflower	Cercospora leaf spot, Powdery mildew, Rust
Calendula, Hydrangea, Leucothoe	Cercospora leaf spot
Flowering crabapple, Flowering pear, Hawthorn	Powdery mildew, Rust, Scab
Dogwood	Anthracnose, Powdery mildew
Douglas fir (4)	Needle rust
Loblolly pine (4), Slash pine (4)	Fusiform rust
Pyracantha	Fusicladium scab

4. TO PROTECT FRUIT TREES

Chemsico Fungicide M prevents and cures diseases on a variety of fruit trees. For best control of diseases on fruit trees listed below, apply Chemsico Fungicide M on a 7 to 10 day schedule.

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**Apples**

To control powdery mildew, rusts and scab, mix 1/2 fl. oz./gallon of water and treat all parts of the tree until spray begins to run off. Do not treat within 2 weeks of harvest. Do not apply more than 10 times in a season.

**Apricots, Cherries, Nectarines, Peaches, Plums, Prunes**

To control brown rot, powdery mildew, shothole and rust (plums and prunes only) mix 1/2 fl. oz./gallon of water and treat all parts of tree until spray begins to run off. Treatments may be made up to the day of harvest. Do not apply more than 7 times in a season.

**5. TO PROTECT GRAPES**

Chemsico Fungicide M controls and prevents anthracnose, black rot and powdery mildew on grapes. Mix 2 fl. oz./gallon of water and treat until spray runs off the plants. Treat every 2 weeks for best control of these diseases. Do not treat within 2 weeks of harvest. Do not apply more than 6 times per season.

**OPTIONAL FORMAT**

**HOW TO USE**

Choose from one of the recommended application methods listed below.

**PUMP-UP SPRAYER OR TRIGGER BOTTLE SPRAYER**

1. Fill with required amount of water below.
2. Add the amount of concentrate specified.
3. Replace sprayer top and shake well before spraying.

**DIAL-STYLE HOSE-END SPRAYER**

1. Set sprayer to the "fl. oz./gallon" level specified below.
2. Use only enough product for the area to be treated.
3. Close sprayer, attach to hose and apply.

**CONCENTRATE PLUS WATER-STYLE SPRAYER**

1. Determine the amount of concentrate required below.
2. Pour concentrate into sprayer jar to the required "fl. oz." level.
3. Then add the required amount of water to the "gals." level.
4. Replace sprayer top on jar and shake well before spraying.

**USE TIPS**

1. This product is highly effective when it is used to prevent diseases or applied at the first sign of disease. Consider treating early in the season.
2. When using this product on plants not listed, test on a small area first.
3. If it rains before product has dried re-apply.
4. If you need more information about lawn, ornamental and fruit tree diseases contact your local County Extension Service.
5. Handy Conversions: 1/2 fl. oz. = 1 Tablespoon and 1 fl. oz. = 2 Tablespoons. Food utensils such as measuring cups and spoons must not be used for food purposes after use in measuring pesticides.

**LAWNS**

Chemsico Fungicide M prevents and cures brown patch, copper spot, dollar spot, leaf spot (including septoria, zonata), melting out, crown rot, leaf smuts, powdery mildew, rust, red thread, Spring dead spot, necrotic ring spot and Summer patch on home lawns.

**HOW TO TREAT**

1. Use 3 1/2 fl oz/one-half gallon of water to treat 250 sq. ft.
2. Start treating when grass begins to turn green in the spring or when signs of diseases are first noticed.
3. For best disease control treat every 2 weeks.

**USE TIP**

For crown rot use 3 1/2 fl. oz./gallon of water to treat 250 sq. ft.

**ROSES, FLOWERS, ORNAMENTAL SHRUBS & TREES**

Chemsico Fungicide M prevents and cures Black spot, Blight (blossom, cercospora leaf, ovulinia petal), Leaf spot (including cercospora), Powdery mildew, Rust (including needle, fusiform), Scab (including fusicladium) and other diseases on a wide variety of roses, flowers, trees and ornamentals. See table for a complete list of plants.

**HOW TO TREAT**

1. Use 1 fl. oz./gallon of water.
2. Apply to the point when spray just begins to run off the leaves. Apply once every 2 weeks throughout the season or until conditions favoring disease development (hot, moist weather) are no longer present.
3. Allow spray to dry before watering.

**USE TIPS**

1. Treat roses on a 7 to 10 day schedule. If black spot is not a problem, a 10 to 14 day schedule is recommended.
2. When treating azaleas, mountain laurel or rhododendrons, begin spraying when flowers start

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- to show color.
- When treating irises, increase use rate to 2 fl. oz./gallon of water.
  - For Douglas fir, loblolly pine and slash pine use 3 fl. oz./gallon of water. Begin treating in early spring and continue treating every 2 to 3 weeks until threat of infection has passed.

PLANT (Number following plant refers to the specific Use Tip above.)	DISEASES
Rose <sup>(1)</sup>	Black spot, Powdery mildew, Rust
Azalea <sup>(2)</sup> , Mountain laurel <sup>(2)</sup> , Rhododendron <sup>(2)</sup>	Petal blight (ovulinia spp.) Powdery mildew
Abelia, Acalypha (Copper-leaf), Catalpa, Flowering cherry, Hackberry, Honeysuckle, Privet, Trumpet creeper, Zinnia	Cercospora leaf spot, Powdery mildew
Ageratum, Anemone, Angelica, Ash, Aster, Birch, China aster, Chokeberry, Chrysanthemum, Columbine, Cornflower, Dianthus, Flowering quince, Flowering maple (Abutilon), Four o'clock, Fuchsia, Iris <sup>(3)</sup> , Marigold, Moonflower, Nine-bark, Russian olive, Smoke-tree (Gothus)	Rust
Achillea (Yarrow), Alder, Amelanchier (Juneberry, Shadbush), Barberry, Carnation, Delphinium, Gaillardia, Gardenia, Geranium, Hollyhock, Mock-orange, Pansy, Petunia, Photinia, Salvia, Snapdragon, Viburnum	Powdery mildew, Rust
African Violet, Begonia, Bittersweet, Buckeye, California poppy, Chestnut (Horse), Cosmos, Crepe myrtle, Dahlia, Elm, Euonymus, Gourd (Ornamental), Grape leaf ivy, Lilac, Locust, Maple, Oak, Poinsettia, Spirea, Sycamore, Walnut, Willow	Powdery mildew
Flowering almond	Blossom blight (Monillinia spp.)
Amorpha (False indigo), Bellflower, Buttonbush, Fleabane, Phlox, Sunflower	Cercospora leaf spot, Powdery mildew, Rust
Calendula, Hydrangea, Leucothoe	Cercospora leaf spot
Flowering crabapple, Flowering pear, Hawthorn	Powdery mildew, Rust, Scab

PLANT continued	DISEASES
Dogwood	Anthracoese, Powdery mildew
Douglas fir <sup>(4)</sup>	Needle rust
Loblolly pine <sup>(4)</sup> , Slash pine <sup>(4)</sup>	Fusiform rust
Pyracantha	Fusicladium scab

### FRUIT TREES

Chemsico Fungicide M prevents and cures diseases on a variety of fruit trees. For best control of diseases on fruit trees listed below, apply Chemsico Fungicide M on a 7 to 10 day schedule.

#### Apples

To control powdery mildew, rusts and scab, mix 1/2 fl. oz./gallon of water and treat all parts of the tree until spray begins to run off. Do not treat within 2 weeks of harvest. Do not apply more than 10 times in a season.

#### Apricots, Cherries, Nectarines, Peaches, Plums, Prunes

To control brown rot, powdery mildew, shothole and rust (plums and prunes only) mix 1/2 fl. oz./gallon of water and treat all parts of tree until spray begins to run off. Treatments may be made up to the day of harvest. Do not apply more than 7 times in a season.

### GRAPES

Chemsico Fungicide M controls and prevents anthracnose, black rot and powdery mildew on grapes. Mix 2 fl. oz./gallon of water and treat until spray runs off the plants. Treat every 2 weeks for best control of these diseases. Do not treat within 2 weeks of harvest. Do not apply more than 6 times per season

#### STORAGE AND DISPOSAL

Store in cool, dry place away from heat or open flame. Do not reuse container. Securely wrap container in several layers of newspaper and discard in trash.

#### PRECAUTIONARY STATEMENTS

##### Hazards to Humans and Domestic Animals

**CAUTION:** Causes moderate eye irritation. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling.

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**First Aid**

**If In Eyes:** Flush eyes with plenty of water. Call a physician if irritation persists.

**Environmental Hazards**

Do not apply directly to water. Do not contaminate water when disposing of equipment washwaters.

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

Questions or comments? Call 800-332-5553

Made in the USA for Chemsico, Division of United Industries Corporation, P.O. Box 15842, St. Louis, MO 63114-0842

EPA Reg. No. 9688-

EPA Est. No. 9688-MO-1

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