



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

EPA Reg Number
9688-158

Date of Issuance
AUG 30 2000

Term of Issuance
Conditional

Name of Pesticide Product
Chemsico RTU M

NOTICE OF PESTICIDE:
 Registration
 Reregistration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code).

Chemisco
8464 Chapin Industrial DR
St. Louis, MO 63114

Note: Changes in labeling offering 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/cite all data required for the registration/ reregistration of your product when the Agency requires all registrants of similar products to submit data; and submit acceptable responses required for reregistration of your product under FIFRA section 4.
2. Revise the EPA Registration Number to 9688-158.
3. Submit one (1) copy of your final printed labeling for our records.
4. Submit a one-year corrosion characteristics study (830.6320) by January 1, 2002.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records. If you have any questions, contact Lisa Jones of my staff at (703) 308-9424 or at jones.lisa@epa.gov

Enclosures:

Stamped copy of label

Appendix -- Required Label Changes

7 August 2000, Technical Review Branch, Similarity Clinic Determination

27 March 2000, Technical Review Branch, Product Chemistry Review.

Signature of Approving Official

Mary J. Waller

Date

8/30/00

Chemsico

RTU M

For outdoor residential use only.

[New! Fast Acting • Perfect for lawns, roses, flowers, ornamental shrubs, fruits, and trees • Can be used on delicate ornamentals • Ideal for use on delicate ornamental plants • Prevents and cures diseases on lawns, roses, flowers, ornamental shrubs, fruits, and trees • Prevents and cures black spot, rust, powdery mildew, blights and other listed diseases • Controls powdery mildew, black spot, rust, blights and leaf spot • Protects lawns, roses, flowers, ornamental shrubs, fruits, and trees • Protects for up to 2 weeks • Can't be washed away [off] by rain once dried • Systemic action - can't be washed away by rain once dried • Water-based • Ready-to-use]

Active Ingredient:
Myclobutanil..... 0.012%
Other Ingredients 99.988%

KEEP OUT OF REACH OF CHILDREN

CAUTION

See back [booklet] for additional precautionary statements

NET CONTENTS 1 GALLON [with hand sprayer]
OR

NET CONTENTS 24 FL. OZ. [trigger sprayer]

OPTIONAL MARKETING LANGUAGE

[OPTION A

Chemsico RTU M protects roses, flowers, [lawns, fruits,] ornamental shrubs, and trees from damaging diseases. Its exclusive formula prevents and cures diseases and is ideal for use on delicate ornamentals.

OPTION B

Chemsico RTU M prevents and stops [cures] a wide variety of diseases on roses, flowers, [lawns, fruits,] shrubs, and trees. It can't be washed off by rain or sprinklers once dried and it works for up to 2 weeks. Use this product throughout your [yard and] ornamental garden to keep plants thriving.

USE ON

Ageratum, aster, azalea, begonia, carnation, chrysanthemum, flowering crabapple, flowering dogwood, grapes, iris, lilac, marigold, mock-orange, ninebark, pansy, petunia, privet, rhododendron, rose, salvia, snapdragon, spirea, sunflower, zinnia and others listed below.

Prevents and cures . . . Black Spot, Brown Patch, Dollar Spot, Powdery Mildew, Rust, Blight and Leaf Spot]

(DIRECTIONS FOR 1 GALLON HAND SPRAYER)

STOP. READ ENTIRE LABEL BEFORE USE.

[Booklet Option: Stop. Read all instructions inside before using.]

DIRECTIONS FOR USE

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



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.

NOTE: This product is non-staining to most home siding depending on age and cleanliness. However, before using in areas where the spray may contact home siding (vinyl siding in parti-

cular), test in an inconspicuous area and re-check in a few hours. Do not use if any staining is observed.

HOW TO USE

1. Shake well before using.
2. Connect sprayer: Unscrew and discard the white cap on the bottle. Insert the hose into the bottle and tighten the cap securely.
3. Prime Sprayer: Turn the sprayer nozzle one-half turn counter-clockwise. Hold the sprayer lower than the bottle and squeeze the trigger several times until it sprays. Adjust the nozzle to a fine mist (graphic).
4. Begin early in the season. **Start treating when conditions favoring disease first start to develop.**
5. Hold sprayer at least 18 inches from foliage when treating.
6. Spray with a slow sweeping motion, covering both upper and lower leaf surfaces and the stem.

THINGS TO KNOW [Alternate: USE TIPS]

- ✓ This product is highly effective when it is used to prevent diseases. Treat early in the season when conditions favoring disease development ([warm] humid weather) begin.
- ✓ If it rains before product has dried, re-apply.
- ✓ If you need more information about rose, lawn, flower, ornamental, or fruit tree diseases, contact your local County Extension Service.
- ✓ Do not spray if temperature is above 90 ° F as damage to some delicate plants can occur.
- ✓ Spray early in the morning or evening, when air is still.
- ✓ Regular light sprayings are more effective than a single heavy treatment.

1. TO PROTECT LAWNS

Chemsico RTU 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. For lawn application in Nassau and Suffolk counties in New York state, do not apply more than 3 times per given area per year.

HOW TO TREAT

Start treating when grass begins to turn green in the spring or

when signs of diseases are first noticed. A gallon will treat 500 sq. ft. For best disease control, treat every 2 weeks. When treating for crown rot only, a gallon will treat 1,000 sq. ft. Do not apply more than 16 treatments per year.

2. TO PROTECT ROSES, FLOWERS, ORNAMENTAL SHRUBS AND TREES

Chemsico RTU 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 directions for listed plants.

Use with care on ferns, palms and fuchsia. As with all plants, especially carnations, chrysanthemums, and roses, there exists a wide variety of species, and therefore, a wide variety of susceptibility to injury. To test for plant sensitivity, spray a few plants as described above, wait 24 hours, and check for possible injury.

HOW TO TREAT

Apply to the point when spray just begins to run off the leaves. Treat 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. Treat roses on a 7 to 10 day schedule unless black spot is not a problem, then treat on a 10 to 14 day schedule. When treating azaleas, mountain laurel or rhododendrons, begin spraying when flowers start to show color. Treat all other listed plants when conditions favoring disease first start to develop.

[DISEASES CONTROLLED]

ROSE

Diseases: Black spot, Powdery mildew, Rust

AZALEA, MOUNTAIN LAUREL, RHODODENDRON

Diseases: Petal blight (*ovulinia spp.*) Powdery mildew

ABELIA, ACALYPHA (COPPERLEAF), CATALPA, FLOWERING CHERRY, HACKBERRY, HONEYSUCKLE, PRIVET, TRUMPET CREEPER, ZINNIA

Diseases: Cercospora leaf spot, Powdery mildew

AGERATUM, ANEMONE, ANGELICA, ASTER, CHINA ASTER, CHOKEBERRY, CHRYSANTHEMUM, COLUMBINE, CORNFLOWER, DIANTHUS, FLOWERING QUINCE, FLOWERING MAPLE (ABUTILON), FOUR O'CLOCK, FUCHSIA, MARIGOLD,

MOONFLOWER, NINEBARK, RUSSIAN OLIVE, SMOKETREE (GOTHUS)

Diseases: Rust

ACHILLEA (YARROW), ALDER, AMELANCHIER (JUNE-BERRY, SHADBUSH), BARBERRY, CARNATION, DELPHINIUM, GAILLARDIA, GARDENIA, GERANIUM, HOLLYHOCK, MOCK-ORANGE, PANSY, PETUNIA, PHOTINIA, SALVIA, SNAPDRAGON, VIBURNUM

Diseases: 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

Diseases: Powdery mildew

FLOWERING ALMOND

Diseases: Blossom blight (*Monilinia spp.*)

AMORPHA (FALSE INDIGO), BELLFLOWER, BUTTONBUSH, FLEABANE, PHLOX, SUNFLOWER

Diseases: Cercospora leaf spot, Powdery mildew, Rust

CALENDULA, HYDRANGEA, LEUCOTHOE

Diseases: Cercospora leaf spot

FLOWERING CRABAPPLE, FLOWERING PEAR, HAWTHORN

Diseases: Powdery mildew, Rust, Scab

DOGWOOD

Diseases: Anthracnose, Powdery mildew

PYRACANTHA

Diseases: Fusicladium scab

3. TO PROTECT FRUIT TREES

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

APPLES

To control powdery mildew, rusts and scab 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 5 times in a season.

APRICOTS, CHERRIES, NECTARINES, PEACHES, PLUMS, PRUNES

To control brown rot, powdery mildew, shothole and rust (plums and prunes only) 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 4 times in a season.

4. TO PROTECT GRAPES

Chemsico RTU M controls and prevents anthracnose, black rot and powdery mildew on grapes. Apply 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

Do not contaminate water, food, or feed by storage and disposal. **Pesticide Storage:** Turn the nozzle to "OFF" position and store with sprayer above the level of liquid in container to prevent leakage. Store in cool, dry area away from heat or open flame. Keep from freezing. **Pesticide and Container Disposal:** Securely wrap original container in several layers of newspaper and discard in trash.

(DIRECTIONS FOR 24 FL. OZ. TRIGGER SPRAYER)

STOP. READ ENTIRE LABEL BEFORE USE.

[Booklet Option: Stop. Read all instructions inside before using.]

DIRECTIONS FOR USE

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

USE RESTRICTIONS FOR ORNAMENTALS

Do not use treated plants for food or feed.

NOTE: This product is non-staining to most home siding depending on age and cleanliness. However, before using in areas where the spray may contact home siding (vinyl siding in particular), test in an inconspicuous area and re-check in a few hours. Do not use if any staining is observed.

HOW TO USE

1. Shake well before using.

2. Adjust nozzle to fine mist (graphic).
3. Begin early in the season. **Start treating when conditions favoring disease first start to develop.**
4. Hold sprayer at least 18 inches from foliage when treating.
5. Spray with a slow sweeping motion, covering both upper and lower leaf surfaces and the stem.

THINGS TO KNOW [Alternate: USE TIPS]

- ✓ This product is highly effective when it is used to prevent diseases. Treat early in the season when conditions favoring disease development ([warm] humid weather) begin.
- ✓ If it rains before product has dried, re-apply.
- ✓ If you need more information about flower or ornamental diseases contact your local County Extension Service.
- ✓ Do not spray if temperature is above 90 °F as damage to some delicate plants can occur.
- ✓ Spray early in the morning or evening, when air is still.
- ✓ Regular light sprayings are more effective than a single heavy treatment.

1. TO PROTECT ROSES, FLOWERS, AND ORNAMENTAL SHRUBS

Chemsico RTU 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, and ornamental shrubs. See directions for listed plants.

Use with care on ferns, palms and fuchsia. As with all plants, especially carnations, chrysanthemums, and roses, there exists a wide variety of species, and therefore, a wide variety of susceptibility to injury. To test for plant sensitivity, spray a few plants as described above, wait 24 hours, and check for possible injury.

HOW TO TREAT

Apply to the point when spray just begins to run off the leaves. Treat 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. Treat roses on a 7 to 10 day schedule unless black spot is not a

problem, then treat on a 10 to 14 day schedule. When treating azaleas, mountain laurel or rhododendrons, begin spraying when flowers start to show color. Treat all other listed plants when conditions favoring disease first start to develop.

[DISEASES CONTROLLED]

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Diseases: Black spot, Powdery mildew, Rust

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Diseases: Petal blight (*ovulinia spp.*) Powdery mildew

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Diseases: Cercospora leaf spot, Powdery mildew

AGERATUM, ANEMONE, ANGELICA, ASTER, CHINA ASTER, CHOKEBERRY, CHRYSANTHEMUM, COLUMBINE, CORNFLOWER, DIANTHUS, FLOWERING QUINCE, FLOWERING MAPLE (ABUTILON), FOUR O'CLOCK, FUCHSIA, MARIGOLD, MOONFLOWER, NINEBARK, RUSSIAN OLIVE, SMOKETREE (GOTHUS)

Diseases: Rust

ACHILLEA (YARROW), ALDER, AMELANCHIER (JUNE-BERRY, SHADBUSH), BARBERRY, CARNATION, DELPHINIUM, GAILLARDIA, GARDENIA, GERANIUM, HOLLYHOCK, MOCK-ORANGE, PANSY, PETUNIA, PHOTINIA, SALVIA, SNAPDRAGON, VIBURNUM

Diseases: Powdery mildew, Rust

AFRICAN VIOLET, BEGONIA, BITTERSWEET, CALIFORNIA POPPY, COSMOS, CREPE MYRTLE, DAHLIA, EUONYMUS, GOURD (ORNAMENTAL), GRAPE LEAF IVY, LILAC, POINSETTIA, SPIREA

Diseases: Powdery mildew

FLOWERING ALMOND

Diseases: Blossom blight (*Monilinia spp.*)

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Diseases: Cercospora leaf spot

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Diseases: Powdery mildew, Rust, Scab

DOGWOOD

Diseases: Anthracnose, Powdery mildew

PYRACANTHA

Diseases: Fusicladium scab

2. TO PROTECT GRAPES

Chemsico RTU M controls and prevents anthracnose, black rot and powdery mildew on grapes. Apply 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

Do not contaminate water, food, or feed by storage and disposal. **Pesticide Storage:** Turn the nozzle to "OFF" position. Store in cool, dry area away from heat or open flame. **Keep from freezing. Pesticide and Container Disposal:** Securely wrap original container in several layers of newspaper and discard in trash.

PRECAUTIONARY STATEMENTS FOR BOTH APPLICATORS

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.

First Aid

If In Eyes: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a Poison Control Center or doctor for treatment advice.

Have the product container or label with you when calling a Poison Control Center or doctor, or going for treatment.

Environmental Hazards

This pesticide is toxic to fish. Do not apply directly to water.

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 by 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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**ACCEPTED
with COMMENTS
In EPA Letter Dated:
AUG 30 2000**

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

9688-158