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

EPA Reg. Number:
9688-97

Date of Issuance:
AUG 1, 1984

Term of Issuance:
Conditional

Name of Pesticide Product:
Chemisco Multi-Purpose Fungicide A

NOTICE OF PESTICIDE:
 Registration
 Reregistration
(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):
Chemisco
Division of United Industries Corp.
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 label changes listed below before you release the product for shipment:
 - a. Add the phrase, "EPA Reg. No. 9688-97".
 - b. Under Fruit Tree Diseases the third paragraph is numbered with a "2". Correct and proof read the label.

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Signature of Approving Official: *(S)*

Date:

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c. Update the Environmental Hazards Statement to include the following statement:

Do not contaminate water by disposal of equipment washwaters.

3. Submit one (1) copy of your final printed labeling before you release the product for shipment. Refer to the A-79 enclosure for a further description of final printed labeling.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 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.

Cynthia Giles-Parker
Product Manager (22)
Fungicide-Herbicide Branch
Registration Division (7505C)

Enclosure

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Chemnico Multi-Purpose Fungicide A

EPA Reg. No.

Chemnico

Multi-Purpose Fungicide A

Up to 14 day control

CONTROLS COMMON PLANT DISEASES

Leaf Spots, Rust, Blights, Fruit Rots, Mildews, Scab, Molds, etc.

ON Lawns, Roses, Flowers, Shrubs, Vegetables, Fruit Trees and Shade Trees.

For outdoor use on home lawns and gardens only. • Concentrate Contains Daconil® 2787

Active Ingredient
Chlorothalonil (tetrachloro-3,4-dihydro-2H-pyridin-2-one) 30.8%
Inert Ingredients 69.2%
DACONIL 2787 - Reg. TM of ISK Bioscience Corp.

Keep out of reach of children

WARNING

See side panel for additional precautionary statements.

NET CONTENTS 1 QT./946 mL

STOP. READ ENTIRE LABEL BEFORE USE.

DIRECTIONS FOR USE

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

This concentrate readily mixes with water. It is highly effective for the control of a broad spectrum of lawn, vegetable, fruit and ornamental plant diseases when it is used according to the directions on this label.

NOTE: Thorough uniform coverage of plant surfaces is essential for good disease control. SHAKE BOTTLE WELL BEFORE USING. Mix appropriate amount with water and use at once, and be sure to use a sprayer which can apply a fine mist spray. 1 Tbs = 1 Tablespoonful, 1 tsp = 1 teaspoonful.

LAWN DISEASES

GENERAL DIRECTIONS

1. Apply spray evenly with a fine mist. Shake occasionally while spraying.
2. Do not mow or water until spray has thoroughly dried.
3. Always make a new spray mixture for each use.
4. Do not apply when the temperature is above 90°F to avoid slight burning or temporary discoloration of grass.

PRESSURE SPRAYER

1. For best results, place a small amount of water in sprayer, add the appropriate amount of product (use the convenient ounce markings on the side of the bottle to measure), then add water to bring to desired level and shake gently to mix. See table for rate and coverage.
2. Apply spray evenly with a fine mist. Shake occasionally while spraying.

HOSE-END SPRAYER (FOR CONCENTRATE PLUS WATER STYLE)

For sprayers that require addition of water as well as product prior to application:

- 1) Determine amount of spray required to treat lawn.
- 2) Add product to the sprayer to the required "fl. oz." level on your sprayer.
- 3) Then add the appropriate amount of water to the "gals" level on your sprayer.
- 4) Attach sprayer to hose and apply evenly to lawn.

EXAMPLE: To treat 1,000 sq. ft. of lawn with light disease add product to the 8 fl. oz. mark and add water to the 8 gallon mark.

DISEASES: Copper Spot (Glomerospora), Curvularia Leaf Spot, Dollar Spot (Sclerotinia), Gray Leaf Spot (Piricularia), Gray Snow Mold (Typhula), Helminthosporium Leaf Spot and melting out, Large Brown Patch (Rhizoctonia), Red Thread (Corticium), Stem Rust of Bluegrass (Puccinia), Dichondra Diseases - (CA only); Alternaria Leaf Spot, Anthracnose (Gloeosporium)

AMOUNT TO USE:

Square Feet of Lawn	Severe Disease
333	4 fl. oz./8 Tbs
667	8 fl. oz./16 Tbs
1000	12 fl. oz./24 Tbs

*Under Severe Conditions: During the growing season, make 3 successive applications following rates for Light Disease. Mild Conditions: Apply at a 10 day interval during favorable disease and conditions favoring recovery.

Important: This product is effective only with proper identification of the specific disease. Obtain a professional sample of your lawn to a professional lawn care or County Extension Service for proper identification.

VEGETABLE DISEASES

GENERAL DIRECTIONS

1. Mix the rate listed inside the bottle with water in 1 gallon of water and cover the plants.
2. Repeat at 7 to 10 day intervals during severe disease.
3. Numbers in brackets indicate the number of applications after harvest.

NOTE: Avoid spraying plants during heavy rain. Do not apply to wilted plants.

BEANS (Green) [7]

DISEASES: Rust and Botrytis

HOW TO USE: Begin applying when the first threatens. Repeat weekly or bi-weekly.

BROCCOLI [0], BRUSSELS SPROUTS [0]

CAULIFLOWER [0]

DISEASE: Alternaria Leaf Spot

HOW TO USE: Begin after transplanting. For Ring Blight, begin at time of early sprouting. For other diseases, begin at time of disease development.

CARROTS [0]

DISEASES: Cercospora (Early)

Discoloration of blooms has been noted on certain varieties when applications are made during flowering.

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Chemisco Multi-Purpose Fungicide A

EPA Reg. No.

HOW TO USE: Begin when disease threatens and repeat as required to maintain control.

CELERY [7]

DISEASES: Cercospora (Early) Blight and Septoria (Late) Blight (1 1/2 tsp), Basal Stalk Rot and Pink Rot (Suppression) (1/2 fl. oz. or 1 Tbs).

HOW TO USE: Begin when plants are set in the field. Repeat on a 3 to 5 day spray schedule for lower rate (1 1/2 tsp) or a 7 day schedule for the higher rate (1/2 fl. oz. or 1 Tbs).

CORN (Sweet) [14]

DISEASES: Helminthosporium Leaf Blight and Rust (2 tsp).

HOW TO USE: Begin when conditions favor disease development. Repeat at 4 to 7 day intervals or as needed.

CUCUMBERS [0], MELONS [0], PUMPKINS [0], SQUASH [0]

DISEASES: Anthracnose, Downy Mildew and Target Spot (2 tsp), Scab, Gummy Stem Blight (Black Rot), Leaf Blight, Cercospora Leaf Spot, Powdery Mildew (except Southwestern states) (1/2 fl. oz. or 1 Tbs). Also suppresses Fruit Rot (Rhizoctonia) on cucumbers (1/2 fl. oz. or 1 Tbs).

HOW TO USE: Begin when plants are in the first true leaf stage or when conditions are favorable for disease. Repeat applications at 7 day intervals or more frequently if required.

ONION (Green) [14] and DRY BULB [7], LEEK [14], SHALLOT [14], GARLIC [7]

DISEASES: Botrytis Leaf Blight (Blast), Purple Blotch and Downy Mildew (Suppression) (1/2 fl. oz. or 1 Tbs).

HOW TO USE: Apply at first sign of disease. Do not apply more than 3 times per season on green onions, leeks or shallots.

POTATO [0]

DISEASES: Early Blight, Late Blight, Botrytis Vine Rot (1 1/2 tsp).

HOW TO USE: Begin when plants are 6 inches high or when disease threatens and continue as needed to maintain disease control.

TOMATO [0]

DISEASES: Early Blight, Late Blight, Gray Leaf Spot, Gray Leaf Mold, Septoria Leaf Spot, Anthracnose, Alternaria Fruit Rot or Black Mold, Rhizoctonia Fruit Rot, Botrytis Gray Mold (1/2 fl. oz. or 1 Tbs).

HOW TO USE: Begin when conditions favor disease development. Repeat more frequently under severe conditions.

ORNAMENTAL DISEASES

GENERAL DIRECTIONS

1. Mix 2 1/4 tsp in a gallon of water or 3 Tbs (1 1/2 fl. oz.) in 4 gallons of water and spray foliage to point of runoff unless other directions are given in the table below.
2. Begin applications as directed for each plant and disease condition cited and repeat on a 7 to 14 day schedule until conditions are no longer favorable for disease development.
3. During periods when conditions favor severe disease incidence (generally cloudy or wet weather) use the shorter interval between applications. For outdoor use only.

TREES & SHRUBS

Species	Diseases Controlled	First Applications
Ash (Fraxinus)	Cercospora, Cercosporidium, Cylindrosporium Leaf Spots	Spring bud break
Azalea* Rhododendron*	Phytophthora Die-back; Ovulinia Flower Blight	New leaf emergence, Early bloom
Buckeye Horsechestnut	Leaf Blotch, Anthracnose	Spring bud break
Cherry-Laurel	Cercospora Leaf Spot	Petal fall
Crabapple	Scab, Cedar-apple Rust, Sphaeroptia Leaf Spot	Spring bud break
Dogwood	Anthracnose (Discula sp.) Septoria Leaf Spot	Spring bud swell, Early bloom
Euonymus	Anthracnose	Spring bud break
Firethorn (Pyracantha)	Scab	Spring bud break
Flowering Almond Quince Sand Cherry Hawthorn	Monilinia Blossom/Branch Blight	Early bloom
	Rust, Fabraea Leaf Spot	Pre-Bloom
Holly	Rhizoctonia Web Blight	Warm, moist conditions
Mountain Laurel	Cercospora Leaf Spot	Spring bud break
Oak (red group only)	Taphrina Blister, Actinopelte Leaf Spot, Anthracnose	Dormant bud swell

* Discoloration of blooms has been noted on certain varieties when applications are made during flowering.

TREES & SHRUBS continued

Species	Diseases Controlled	First Applications
Oregon-Grape (Mahonia)	Rust	Spring bud break
Photinia	Fabraea (Entomosporium) Leaf Spot	Spring bud break
Pieris (Andromeda)	Phytophthora Die-back	New leaf emergence
Poplar	Marssonina Leaf Spot	Spring bud break
Privet	Cercospora Leaf Spot	Prolonged wet conditions
Sycamore, Planetree	Anthracnose	Spring bud break
Viburnum	Powdery Mildew	Mid-summer

ROSES & FLOWERS

Species	Diseases Controlled	First Applications
Carnation	Alternaria, Leaf Spot Branch Rot Botrytis	Transplant of cuttings, Cool, moist conditions
Chrysanthemum/ Daisy	Mycosphaerella Ray Blight, Septoria Leaf Spot	Transplant of cuttings
Geranium	Botrytis Flower Blight (Gray Mold), Rust	Pre-bloom Cool, moist conditions
Gladiolus	Curvularia Leaf Flower Spot Botrytis Leaf Flower Spot	Early propagation
Hollyhock	Rust	Early seedling stage
Hydrangea* (foliage only)	Cercospora and Septoria Leaf Spots, Rust	Early propagation
Iris	Botrytis Blossom Bligh, Didymellina Leaf Spot	Cool, moist conditions
Lily	Botrytis Gray Mold (foliar phase), Phytophthora Blight	Pre-bloom
Petunia*	Botrytis Gray Mold (foliar phase), Phytophthora Blight, Botrytis Blight	Pre-bloom

ACCEPTED
with COMMENTS
In EPA Letter Dated:

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Chemsico Multi-Purpose Fungicide A

EPA Reg. No.

ROSES & FLOWERS *continued*

Species	Diseases Controlled	First Applications
Rose Use 1 1/4 fl. oz. (2 1/2 Tbs)/4 gals.	Black Spot, Botrytis Blight	Spring bud break
Statice	Anthracoese, Cercospora, Alternaria, Botrytis Leaf Blight	Spring bud break
Zinnia	Powdery Mildew	First sign of disease

LEAFY PLANTS

Dracaena	Fusarium Leaf Spot	Pre-transplant
Pachysandra - Use 3 3/3 fl oz (6 2/3 Tbs)/4 gals	Volutella Leaf Blight	Spring bud break
Leatherleaf fern	Ascochyta Blight, Cercospora Leaf Spot, Cylindrocadium Leaf Spot, Rhizoctonia Blight	Spring bud break
Parlor Palm (Chamaedorea)	Bipolaris Leaf Spot (Helminthosporium)	Cool, moist conditions
Prayer plant (Maranta)	Helminthosporium Leaf Spot	Early propagation
Cyster plant (Rhoeo)	Tan Leaf Spot	Early propagation
Philodendron	Phytophthora Blight, Dactyloa Leaf Spot	Moist conditions
Syngonium	Cephalosporium Leaf Spot	Warm, moist conditions

FRUIT TREE DISEASES

GENERAL DIRECTIONS

1. Apply spray to the point of runoff to thoroughly cover tree canopy including both sides of leaves.
2. Mix 1 1/2 fl. oz. (3 Tbs) in 4 gallons of water or 3 fl. oz. (6 Tbs) in 8

1. 4 gallons water unless otherwise noted.
2. For best results, be sure to use a sprayer which can apply a fine mist spray.

PEACH, NECTARINE, APRICOT, CHERRY, PLUM, PRUNE

DISEASES: Leaf Curl; Coryneum Blight (Shothole)
HOW TO USE: Make 1 application at leaf fall in late autumn. Make 1 or 2 additional applications in mid to late winter before buds begin to swell. Where Coryneum Blight (Shothole) occurs, apply an additional application 1 to 2 weeks after petal fall or when tiny fruit just begins to form to prevent fruit infections.

DISEASES: Brown Rot Blossom Blight

HOW TO USE: Make first application when pink, red or early white buds first show colors and a second application at full bloom. If cool, moist weather continues, make an additional application at petal fall.

DISEASES: Cherry Leaf Spot, Peach Scab, Nectarine Scab, Apricot Scab

HOW TO USE: In addition to the bloom applications listed above, make 1 application at shucksplit. Do not apply after shucksplit or before harvest. For control of Cherry Leaf Spot after harvest, make first application to foliage within 7 days after fruit is removed. In trees with a history of high leaf spot incidence, make a second application 10 to 14 days later.

PAPAYA, PASSION FRUIT (Hawaii only)

DISEASES: Alternaria Fruit Spot, Anthracnose and Stem End Rot
HOW TO USE: Apply full coverage spray, including fruit at the rate of 1 fl. oz. (2 Tbs) in 4 gallons water. Begin treatment when fruit spots appear (April to July) and continue treatments at 14 day intervals until dry weather conditions return. On PASSION FRUIT, Apply as above at the rate of 1/2 fl. oz. (1 Tbs) in 4 gallons water.

CONIFER DISEASES

PINES, DOUGLAS FIR, SPRUCES

DISEASE: Sclerotinia Canker (Pines, Swiss Needlecast, Rhabdocline and Needlecast (Douglas Fir)

HOW TO USE: Mix 1 fl. oz. (2 Tbs) in 4 gallons of water and apply as full coverage spray to the point of runoff.

DISEASE: Rhizosphaera Needlecast (Spruces), Scirrhia Brown Spot (Pine)

HOW TO USE: Mix 6 fl. oz. (12 Tbs) in 4 gallons water and apply as above. Make first application in spring when new shoot growth is 1/2 to 2 inches

in length. Make additional applications at 3 to 4 week intervals until dry conditions return.

DISEASE: Lophodermium Needlecast

HOW TO USE: Mix 1 fl. oz. (2 Tbs) in 4 gallons water and apply full coverage spray to the point of runoff. North Central and Northeastern States: Begin applications in mid-July to early August before infections occurs. Make additional applications at 3 to 4 week intervals until dry conditions return.

STORAGE AND DISPOSAL

Storage: Store in a cool place away from heat, direct sunlight or open flame. **Disposal:** Securely wrap original container in several layers of newspaper and discard in trash.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS & DOMESTIC ANIMALS

WARNING: Causes eye and skin irritation. May be a potential skin sensitizer. Do not get in eyes, on skin or on clothing. Wear long sleeve shirt, long pants and rubber gloves while mixing and applying this product. Wash skin and hands thoroughly after using. Remove and wash contaminated clothing before reuse. Keep people and pets off treated areas until dry.

Statement of Practical Treatment:

In case of eye contact, immediately flush eyes with fresh water for 15 minutes and see a physician. In case of skin contact, wash skin with soap and water. Get medical attention if irritation persists. This product may produce temporary allergic side effects characterized by redness of the eyes, mild bronchial irritation and redness or rash on exposed skin areas. Person having allergic reaction should consult a physician. Note to Physician: Persons having an allergic reaction respond to treatment with antihistamines, steroid creams, and/or systemic steroids.

Environmental hazards

This product is toxic to fish and other aquatic organisms. Do not apply directly to water. Do not apply when weather conditions favor drift of spray. Do not contaminate water by cleaning of equipment or disposal of wastes.

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

Made in the USA for

EPA Reg. No. 5034-TX-1 T
 EPA Est. Nos. 9688 MO-1, 769-GA-1 S
 Superscripts used is first letter of lot number.
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* Discoloration of blooms has been noted on certain varieties when applications are made during flowering.

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