

8850



2 LB.
(0.9 Kg)



ACTIVE INGREDIENTS:

Thiophanate-methyl (Dimethyl[(1,2-phenylene) bis (iminocarbonothioyl)]bis (carbamate)) 15%

A coordination product of zinc ion and manganese ethylenebis dithiocarbamate 60%

in which the ingredients are

Manganese (Mn) ++ 12%

Zinc (Zn) ++ 1.5%

Ethylenebis dithiocarbamate 46.5%

INERT INGREDIENTS:

..... 25%

TOTAL 100%

KEEP OUT OF REACH OF CHILDREN

WARNING! 372-48

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED induce vomiting immediately by giving two glasses of water and sticking finger down throat. Never give anything by mouth to an unconscious person. **OBTAIN MEDICAL ATTENTION IMMEDIATELY**

IF INHALED induce coughing
IF ON SKIN Wash off with soap and water
IF IN EYES Flush eyes with water

SEE BACK PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

MANUFACTURED FOR

MALLINCKRODT, INC.

ST. LOUIS, MISSOURI 63147

EPA EST. NO. 228-IL-1
EPA REG. NO. 372-48

224

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

WARNING! Causes eyes and skin irritation. Do not get in eyes, on skin or on clothing. Harmful if swallowed or inhaled. Avoid breathing dust or spray mist. Wash thoroughly with soap and water after handling. Wash contaminated clothing before reuse. Do not contaminate feed or food. Keep children and pets off treated area until dry or material has washed into the soil. Always wear protective clothing and respirator when mixing and applying pesticides.

ENVIRONMENTAL HAZARDS

THIS PRODUCT IS TOXIC TO FISH. Keep out of lakes, ponds or streams. Do not contaminate water by cleaning of equipment or disposal of wastes.

DIRECTIONS FOR USE

IT IS A VIOLATION OF FEDERAL (U.S.A.) LAW TO USE THIS PRODUCT IN A MANNER INCONSISTENT WITH ITS LABELING.

FOR PROFESSIONAL USE ONLY

Add recommended amount to a partially filled spray tank under agitation. Complete filling to the desired volume. Keep agitated to insure even suspension of material. Make fresh daily. Spray uniformly over the area with a boom-type or other power sprayer.

HORTICULTURE & NURSERY CROPS

Spray foliage thoroughly with a suspension of 1.5 lb. per 100 gal. of water at 7 to 10 day intervals unless otherwise specified.

*Azalea and Rhododendrons — Petal blight (Ovulinia spp.)

*Camellia — Flower blight (Sclerotinia spp.)

Apply 1 lb. per 100 gal. at a 4-6 day interval while flowers are opening. Direct spray into flowers and spray ground under bushes thoroughly.

*Dogwood — Anthracnose

Apply when buds begin to open. Repeat when bracts have fallen 4 weeks later and in late summer after flower buds are formed.

*Crabapple (Ornamental) — Cedar-apple rust and scab

Apply at 2 lb. per 100 gal. beginning at delayed dormant stage. Repeat at 2-week intervals during cover periods.

*Chrysanthemum — Botrytis petal spot

Apply at weekly intervals during blooming season.

*Pachysandra — Volutella blight

Use a drenching spray of 100 gal. per 10,000 sq. ft. at bed area. At least 5 applications about 7 to 14 days apart are required. Start at first sign of disease.

Use for prevention and control of diseases indicated on the following plants. Begin applications when plants are well leafed-out.

*Azalea — petal blight (Ovulinia spp.)

*Camellia — flower blight (Sclerotinia spp.)

Carnation — Anthracnose, Septoria leaf spot

*Chrysanthemum — Botrytis petal spot

*Crabapple — Cedar-apple rust, scab

Dahlia — Botrytis blight

*Dogwood — Anthracnose

*Pachysandra — Volutella blight

Pansy — Anthracnose

*Rhododendron — petal blight (Ovulinia spp.)

Rose — black spot, powdery mildew

Snapdragon — Anthracnose

Botrytis blight

Zinnia — leaf blight, warty mildew

*See special instructions above.

NOTE: This product contains a green pigment. Do not use on French Marigold or Geranium.

STORAGE AND DISPOSAL

STORAGE: Store in a cool, dry place, temperature not exceeding 122°F (50°C). Store in a dry place in a well-ventilated container. Keep away from fire, sparks, and heat. Do not store in a wet or overheated area. Storage should be in original container. Do not use if the container is damaged or if the contents are not as labeled.

PROHIBITIONS: Do not use in water bodies, streams, rivers, or other bodies of water. Do not use on or near crops, animals, or humans. Do not use on or near children or pets.

PESTICIDE DISPOSAL: Do not use in water bodies, streams, rivers, or other bodies of water. Do not use on or near crops, animals, or humans. Do not use on or near children or pets.

CONTAINER DISPOSAL: Do not use in water bodies, streams, rivers, or other bodies of water. Do not use on or near crops, animals, or humans. Do not use on or near children or pets.

WARRANTY

229

6534

Mallinckrodt

2 LB.
(0.9 Kg)

DUOSAN[®]

ACTIVE INGREDIENTS:

Thiophanate-methyl (Dimethyl 2-phenylene bis (iminocarbonothioyl))bis [carbamate] 15%

A coordination product of zinc ion and manganese ethylenebis dithiocarbamate 60%
in which the ingredients are

Manganese (Mn) ++	12%
Zinc (Zn) ++	1.5%
Ethylenebis dithiocarbamate	46.5%

INERT INGREDIENTS:	25%
TOTAL	100%

JUN 10 1980
 U.S. DEPARTMENT OF AGRICULTURE
 Federal Insecticide, Fungicide,
 and Rodenticide Act
 255

KEEP OUT OF REACH OF CHILDREN

WARNING!

372-48

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED. Induce vomiting immediately by giving two glasses of water and sticking finger down throat. Never give anything by mouth to an unconscious person. **OBTAIN MEDICAL ATTENTION IMMEDIATELY.**

IF INHALED. Induce coughing.

IF ON SKIN. Wash off with soap and water.

IF IN EYES. Flush eyes with water.

SEE BACK PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

MANUFACTURED FOR
MALLINCKRODT, INC.

ST. LOUIS, MISSOURI 63147

EPA EST. NO. 228-II-1

EPA REG. NO. 372-48

2.00

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS
AND DOMESTIC ANIMALS**

WARNING! Causes eye and skin irritation. Do not get in eyes, on skin or on clothing. Harmful if swallowed or inhaled. Avoid breathing dust or spray mist. Wash thoroughly with soap and water after handling. Wash contaminated clothing before reuse. Always wear protective clothing and respirator when mixing and applying pesticides. Do not contaminate feed or food. Keep children and pets off treated area until dry or material has washed into the soil.

ENVIRONMENTAL HAZARDS

THIS PRODUCT IS TOXIC TO FISH. Keep out of lakes, ponds or streams. Do not contaminate water by cleaning equipment or disposal of wastes.

DIRECTIONS FOR USE

IT IS A VIOLATION OF FEDERAL (U.S.A.) LAW TO USE THIS PRODUCT IN A MANNER INCONSISTENT WITH ITS LABELING.

FOR PROFESSIONAL USE ONLY

Add recommended amount to a partially filled spray tank under agitation. Complete filling to the desired volume. Keep agitated to insure even suspension of material. Make fresh daily. Spray uniformly over the area with a boom-type or other power sprayer.

TURF

Apply after mowing or avoid mowing for 12 hours after application. Apply in sufficient water to obtain thorough coverage. Usually 5 gal per 1000 sq ft of turf area. Always treat aprons and approaches to golf greens under conditions of severe drought apply every 5 to 7 days. **Note to user: Do not apply to areas likely to be grazed by livestock and do not feed clippings to livestock or poultry.**

Use on golf course greens, lawns and fairways of Bent grass, Blue grasses, Fescues, Bermudagrasses, Ryegrasses, St. Augustine grass or their mixtures for the prevention and control of the following diseases:

- DOLLAR SPOT** *Sclerotinia homotocarpa*
- BROWN PATCH** *Rhizoctonia solani*
- COPPER SPOT** *Gloeocercospora sorghi*
- RED THREAD** *Corticium luciforme*
- LEAF SPOTS** *Helminthosporium* spp.
- FUSARIUM PATCH** *Fusarium nivale*
- RUST** *Puccinia coronata*

Apply at 3 oz per 1000 sq ft beginning when the disease first appears and continue at 10 to 14 day intervals as needed. Repeat until disease is under control.

HORTICULTURE & NURSERY CROPS

Spray foliage thoroughly with a suspension of 1.5 lb per 100 gal of water at 7 to 10 day intervals unless otherwise specified.

***Azalea and Rhododendrons** — Petal blight (*Ovulinia* spp.)

***Camellia** — Flower blight (*Sclerotinia* spp.)

Apply 1 lb per 100 gal at a 4-6 day interval while flowers are opening. Direct spray into flowers and spray ground under bushes thoroughly.

***Dogwood** — Anthracnose

Apply when buds begin to open. Repeat when bracts have fallen 4 weeks later and in late summer after flower buds are formed.

***Crabapple (Ornamental)** — Cedar-apple rust and scab

Apply at 2 lb per 100 gal beginning at delayed dormant stage. Repeat at 2-week intervals during cover periods.

***Chrysanthemum** — Botrytis petal spot

Apply at weekly intervals during blooming season.

***Pachysandra** — Volvutella blight

Use a drenching spray of 100 gal per 10,000 sq ft at bed area. At least 5 applications about 10 to 14 days apart are required. Start at first sign of disease.

Use for prevention and control of the diseases indicated in the following table. Begin applications when plants are well established.

- ***Azalea** — petal blight (*Ovulinia* spp.)
- ***Camellia** — flower blight (*Sclerotinia* spp.)
- Carnation** — Anthracnose (*Septoria* spp. spot)
- ***Chrysanthemum** — Botrytis petal spot
- ***Crabapple** — Cedar-apple rust & scab
- Dahlia** — Botrytis blight
- ***Dogwood** — Anthracnose
- ***Pachysandra** — Volvutella blight
- Pansy** — Anthracnose
- ***Rhododendron** — petal blight (*Ovulinia* spp.)
- Rose** — mildew spot, powdery mildew
- Snapdragon** — rust (*Anthracnose* - Botrytis blight)
- Zinnia** — leaf blight (*Ascochyta* spp. mildew)

*See special instructions above.

NOTE: This product contains a green dye which may stain clothing. Marigold may be used as a colorant.

STORAGE AND DISPOSAL

STORAGE: Store in original container in a cool, dry place. Do not store in areas where children or pets can have access. Do not store in areas where food or feed is stored.

PROBLEMS: If you have any problems with this product, contact your distributor or the manufacturer.

PESTICIDE DISPOSAL: Do not mix with other pesticides. Do not dump into water.

CONTAINER DISPOSAL: Do not reuse. Do not burn.

WARRANTY: