

PM 22 192-195

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DEC 16 1996

John Prues  
Dexol Industries  
1450 W. 228th Street  
Torrance, CA 90501

Dear Mr. Prues:

Subject: Revised Labeling  
Dexol Lawn & Garden Fungicide w/Daconil 2787  
EPA Registration No. 192-195  
Your Submission Dated October 21, 1996

The amendment referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended is acceptable provided that you:

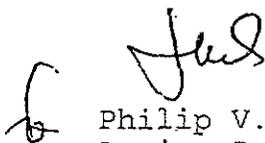
1. Make the labeling changes listed below before you release the product for shipment bearing the amended labeling:

- On 2 the referral statement states "See inside for complete directions for use and precautionary statements". 40 CFR 156.10(i)(1)(ii) only allows that directions for use may appear on printed or graphic matter which accompanies the pesticide. Assure that all of Precautionary Statements appear on the container label.

2. Submit one (1) copy of your final printed labeling before you release the product for shipment.

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

Sincerely yours,



Philip V. Errico  
Acting Product Manager (22)  
Fungicide-Herbicide Branch  
Registration Division (7505C)

Enclosure

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[FRONT PANEL]

**DEXOL**

**ACCEPTED  
with COMMENTS  
in EPA Letter Dated  
DEC 16 1996**

**LAWN & GARDEN FUNGICIDE**

**WITH DACONIL 2787®**

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

*192-195*

For Control of Diseases On:

Lawns, Shrubs, Trees, Fruits, Vegetables & Flowers

**ACTIVE INGREDIENTS:**

*Chlorothalonil (tetrachloroisophthalonitrile) *	12.50%
<b>INERT INGREDIENTS:</b>	<u>87.50%</u>
<b>TOTAL:</b>	100.00%

\*Daconil 2787 is covered under U.S. Patent No. 3,290,353 and No. 3,331,735

This product contains 1.14 pounds Chlorothalonil per gallon

**Keep Out of Reach of Children**

**WARNING**

**See back panel for additional precautionary statements**

REC'D EPA/OPP/DPD1  
'96 OCT 25 P 3:21

**NET WT. 16 fl. oz. (473 ml.)**

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[BACK CONTAINER LABEL-PAGE 1]

**DEXOL**  
**LAWN & GARDEN FUNGICIDE**  
**WITH DACONIL 2787<sup>®</sup>**

[INSERT UPC CODE 078493006502]

**SEE INSIDE FOR COMPLETE DIRECTIONS FOR USE AND  
PRECAUTIONARY STATEMENTS**

**DEXOL INDUSTRIES**  
1450 W. 228TH ST.  
TORRANCE, CA. 90501

**EPA REG. NO. 192-195**  
**EPA Est. No. 192-CA-1<sup>D</sup>**  
769-GA-1<sup>S</sup>  
44641-CA-1<sup>E</sup>

Superscript used is first letter of lot number

**QUESTIONS: (310) 326-8373**

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[BACK CONTAINER LABEL-PAGE 2]

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

**WARNING:** Causes eye and skin irritation. Harmful if swallowed or if absorbed through skin. Do not get in eyes, skin, or clothing. 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. Persons having allergic reaction should contact a physician. Wear long sleeve shirt, long pants, and gloves when using this product. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse. Keep children and pets away from treated area until spray has dried. Do not graze treated areas. Do not feed clippings to livestock.

**STATEMENT OF PRACTICAL TREATMENT**

**IF SWALLOWED:** Call a physician or poison control center. Drink promptly a large quantity of mild, egg white, or gelatin mixture, or if these are not available, a large quantity of water. Do not induce vomiting or give anything by mouth to an unconscious person. **If Inhaled:** Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention. **If On Skin:** Wash with plenty of soap and water. Get medical attention. **If in Eyes:** Hold eyelids open and flush with a steady gentle stream of water for 15 minutes. Get medical attention. **Note to Physician:** Affected persons respond to treatment with antihistamines or steroid creams and/or systemic steroids.

**ENVIRONMENTAL HAZARDS**

This product is toxic to fish, aquatic invertebrates, and marine/estuarine organisms. Runoff from treated areas may be hazardous to aquatic organisms in neighboring area. Do not apply directly to water. Do not contaminate water by disposal of equipment washwaters. Do not apply when weather conditions favor drift from treated areas.

**DIRECTIONS FOR USE:** It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

**SHAKE WELL BEFORE USING. Read entire label and use as directed.** Apply only to plants specified on this label. Do not apply to plants not listed on this label. Do not combine this product with pesticides, surfactants, or fertilizer.

**Lawn & Garden Fungicide** is highly effective in preventing a wide variety of commonly occurring diseases of lowering and foliage plants, shrubs, trees, bulbs, vegetables, lawns and ornamental turf. When disease is present, **Lawn & Garden Fungicide** provides effective control when applied according to label directions.

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## GRASS AND ORNAMENTAL LAWNS

To prevent or control the following listed diseases of grass and ornamental lawn, mix the recommended amount of **Lawn & Garden Fungicide** in one gallon of water. Apply as a thorough foliage spray to 200 sq. ft. (20' x 10') of lawn area. Make application when conditions favor disease development, such as wet or humid weather. Use the lowest application rate and longest interval for prevention or when disease conditions are light to moderate. When disease is severe, use the highest rate and shortest interval. Do not mow or water after treatment until lawn is thoroughly dry. Do not graze treated areas. Do not feed clippings to livestock. May cause slight burning or temporary discoloration to grass lawns if used when the temperature is above 90°F.

Disease	Spray Interval	Tablespoon per gallon of water to Cover 200 Sq. Ft.	
		To Prevent Disease	To Control Existing Disease
Curvularia (including blight, fading out, going out, leaf spot)	7-10 days	2-4	4-7
Dollar Spot (Sclerotinia)	7-14 days	2-4	4-7
Gray leaf Spot (Piricularia)	7-10 days	2-4	4-7
Helminthosporium (Including leaf spot and melting out)	7-10 days	2-4	4-7
Large brown patch (Rhizoctonia)	7-14 days	2-4	4-7
Stem Rust of Bluegrass (Puccinia)	7-14 days	2-4	4-7
<b>DICHONDRA</b>			
Alternaria leaf Spot (CA. only)	7-14 days	4-6	6-7
Anthracnose	7-14 days	4-6	6-7

**To Control Gray Snow Mold (Typhula) in Ornamental Lawns:** 5-10 fl. oz. in 1 gallon of water to cover 200 sq. ft. Apply as a thorough foliage spray in autumn before winter snows. In areas of little snow cover, repeat monthly intervals as needed for control.

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**ORNAMENTAL PLANTS, BULBS, WOODY SHRUBS, TREES AND VINES**

To prevent or control the specified diseases of ornamentals, mix 4 tablespoons of **Lawn & Garden Fungicide** in one gallon of water. **For Roses:** Use 3 tablespoons in one gallon of water.

Apply as a thorough foliage spray, taking care to completely wet upper and lower leaf surfaces. Coverage may vary depending on amount of foliage sprayed. Make first application as recommended for each plant and disease. Repeat at 7-14 day intervals as needed to maintain control. Use the longest interval for prevention or when disease conditions are light to moderate. When disease is severe, use the highest rate. **Use Precaution:** Do not apply to tender foliage during hot, sunny weather. Do not apply to wilted plants.

**ASH:** Leaf spot (*Cercospora*), Leaf spot (*cercosporadium*, *Cylindrosporium*): Apply at spring bud break

**AZALEA\*, RHODODENDRON\*:** *Ovulinia* petal blight: Apply at early bloom.  
*Phytophthora* dieback: Apply when new leaves emerge.

**CHERRY LAUREL:** *Cercospora* leaf spot: Apply at petal fall

**CHRYSANTHEMUM, DAISIES:** Gray mold blight (*Botrytis*)-Apply Apply before bloom  
Leaf spot (*Septoria*), Ray blight (*Mycosphaerally*)- Apply when transplanting cutting or before bloom.

**EUONYMUS:** Anthracnose (*Colletotrichum*)- Apply at spring bud break

**FLOWERING ALMOND, FLOWERING QUINCE, PURPLELEAF SAND CHERRY:**  
Brown rot blossom and twig blight (*Monilnia*): Apply at early bloom.

**FLOWERING CRABAPPLE:** Cedar-apple rust (*gymnosporangium*), leaf spot (*Sphaeropsis*), Scab (*Venturia*)- Apply at spring bud break.

**FLOWERING DOGWOOD:** Leaf spot (*Septoria*)- Apply at early bloom.

**GERANIUM:** Gray mold blight (*Botrytis*, rust)- Apply when weather is cool and moist.

**GLADIOLUS:** *Botrytis* leaf and flower spot, *Curvularia* leaf and flower spot- Apply when leaves first emerge.

**HAWTHORN:** Leaf blight (*Fabraea*), Rust (*Gymnosporangium*)- Apply before bloom

**HOLLYHOCK:** Rust- Apply to young seedlings.

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**HYDRANGEA\*:** Leaf spot (*Cercospora*, *Septoria*) Rust (*Pucciniastrum*)-Apply to foliage only of young plants.

**IRIS:** *Botrytis* blossom blight, Leaf spot (*Didymellina*)- Apply during cool, moist conditions or before bloom.

**LEATHERLEAF FERN:** *Ascochyta* blight, Leaf spot (*Cercospora*), Leaf spot (*Cylindrocium*), *Rhizoctonia* blight- Apply at spring bud break

**LILIES:** Gray mold blight (*botrytis*)- Apply before bloom

**MOUNTAIN LAUREL:** Leaf spot (*Cercospora*)- Apply at spring bud break

**OREGON GRAPE (MAHONIA):** Rust- Apply at spring bud break

**PETUNIA\* :** Crown rot (*Phytoptera*), Gray Mold and Blight (*Boyrytis*)-Apply before bloom

**PHOTINIA:** *Fabraea* (*Entomosporium*) Leaf spot- Apply at spring bud break

**POPLAR:** *Marssonina* Leaf Spot-Apply at spring bud break

**ROSE:** (Use 3 tablespoons per gallon of water)- Black Spot (*Diplocarpon*), *Botrytis* blossom blight, Suppression of Powdery Mildew (*Sphaerotheca* )- Apply at spring bud break

**SYCAMORE, PLANETREE:** Anthracnose- Apply at spring bud break

**VIBURNUM:** Powdery mildew (*microsphaera*)- Apply mid-summer

Discoloration has been noted on certain varieties when application is made during bloom

### ORNAMENTAL CONIFERS

To control *Rhabdocline* needle cast and Swiss needle cast of Douglas fir, *Sirococcus* tip blight, and *Scleroderris* canker of Pine- Mix 3 tablespoons in one gallon of water. To control *Rhizosphaera* needle cast of spruce and *Scirrhia* brown spot of Pine-Mix 6 tablespoons in one gallon of water. Apply as a through foliage spray in spring when new shoot growth is 1/2 to 2 inches long. Repeat at 3-4 week intervals until conditions no longer favor disease development (wet or humid weather).

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## FRUITS AND VEGETABLES

To prevent or control listed diseases in the home garden, apply **Lawn & Garden Fungicide** when conditions favor disease development, such as wet or humid weather. Use the lowest rate and longest interval of application when disease conditions are light to moderate. For severe disease conditions apply the highest rate at the shortest interval. Numbers in parentheses ( ) next to each crop indicate days required between last application and harvest. Apply at the rate of one gallon mixed spray to 200 sq. ft. of garden area. **Use Precaution:** Do not apply to any crop not listed on this label. Do not graze treated plants to livestock.

**APRICOT, NECTARINE, PEACH:** **Brown rot blossom and twig blight (Monilinia), Coryneum blight (shothole), Leaf curl-nectarine and Peach (Taphrina), Scab (Cladosporium).** Mix 1 tablespoon in one gallon of water. **For leaf curl**, make first application in late autumn or early winter before first freeze. **Where shothole occurs**, apply once at petalfall or at shuck split. **For Brown rot blossom and twig blight**, spray at popcorn stage and again at full bloom. If conditions favor disease development make an additional application at petal fall. **For Scab**, apply at popcorn stage, full bloom and shuck split.

**BEANS, SNAP (7):** **Rust (Uromyces)-** Mix 2-3 tablespoons in one gallon of water. **Gray mold blight (Botrytis)-** Mix 4 tablespoons in one gallon of water. Apply as a through foliage spray during early bloom or when disease first threatens. Repeat as weekly intervals or as needed to maintain control.

**BROCCOLI; BRUSSELS SPROUTS; CABBAGE; CAULIFLOWER (ALL 0):** **Downy mildew (Peronospora), Gray leaf spot (Alternaria), Ringspot of Brussels Sprouts (California only) (Mycosphaeralla).** Apply as a through foliage spray after transplant or when seedlings emerge and when conditions favor disease development. Mix 2-3 tablespoons in one gallon of water. Repeat at 7-10 day intervals or as needed to maintain control.

**CHERRY (Sweet and Sour):** **Brown rot blossom and twig blight (Monilinia), Cherry leaf spot (Cocomyces).** Mix 1 tablespoon in one gallon of water. Make first application at delayed dormant -the period just before blossom buds break open and a second at full bloom. If conditions favor disease development, make an additional application at petal fall. Do not apply after petal fall.

**CUCUMBER (0):** **Anthrachnose (Colletotrichum), Downy mildew (Pseudoperonospora), Gummy stem blight (Mycosphaeralla), leaf blight (Alternaria), Powdery mildew-except Southwestern States(Erysiphe), Scab (Cladosporium), Target leaf spot (Corynespora).** Mix 2 1/2-4 tablespoons in one gallon of water. Apply as a through foliage spray when first leaves develop or when disease threatens. Repeat at 7 day intervals. Shorter intervals may be used when disease is severe.

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**PUMPKIN; SQUASH (Summer and Winter); WATERMELONS; MELONS (Cantaloupe, Honeydew, Muskmelon) (all 0): Anthracnose (Colletotrichum), Cercospora leaf spot, Downy mildew (Pseudoperonospora), Gummy stem blight (Mycosphaerella), Leaf blight (Alternaria), Powdery mildew-except Southwestern states (Erysiphe), Scab (Cladosporium).** Mix 3-4 tablespoons in one gallon of water. Apply as a through foliage spray when conditions favor disease development, such as wet or humid weather. Repeat at 7 day intervals. Shorter intervals may be used during severe disease conditions.

**PLUM, PRUNE: Brown rot blossom blight (Monillnia).** Mix 1 tablespoon in one gallon of water. Make first application at delayed dormant-the period just before blossom buds bread open and a second at full bloom. If conditions favor disease development, make an additional application at petal fall. Do not apply after petal fall.

**POTATO (0): Botrytis vine rot, Early blight (Alternaria), late blight (Phytophthora).** Mix 1 1/2 -2 tablespoons in one gallon of water. Apply when plant are 6-8 inches high or when disease threatens. Repeat at 7-10 day intervals or as needed to maintain control.

**TOMATOES (0): Anthracnose (Colletotrichum), Black mold rot (Alternaria), Early blight (Alternaria), Fruit rot (Rhizoctonia), Gray leaf spot (Stemphyllum), Gray mold blight (Botrytis), late blight (Phytophthora), Leaf mold (Cladosporium), Septoria leaf spot.** Mix 2-4 tablespoons in one gallon of water. Apply as a through foliage spray when disease threatens. Repeat at 7-10 day intervals. During conditions of severe disease pressure, use the shortest interval.

**STORAGE & DISPOSAL**

**Storage:** Store in a cool, dry place away from heat or open flame. Keep product in original container and preferably in a locked storage area inaccessible to children and pets. Do not store near feed or foodstuff.

**Disposal:** Do not reuse empty container. Wrap container in several layers of newspaper and discard in trash.

**NOTICE:** SELLER MAKES NO WARRANTY, EXPRESSED OR IMPLIED, CONCERNING THE USE OF THIS PRODUCT OTHER THAN INDICATED ON THE LABEL. BUYER ASSUMES ALL RISK OF USE AND/OR HANDLING OF THIS MATERIAL WHEN SUCH USE AND/OR HANDLING IS CONTRARY TO LABEL INSTRUCTIONS AND PRECAUTIONS.

**DEXOL INDUSTRIES**  
1450 W. 228TH ST.  
TORRANCE, CA. 90501

**EPA Reg. No. 192-195**  
**EPA Est. No. 192-CA-1<sup>P</sup>**  
769-GA-1<sup>S</sup>  
44641-CA-1<sup>F</sup>

**QUESTIONS: (310) 326-8373**  
3/25/96

Superscript used is first letter of lot number

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[Bottle copy]

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

**WARNING:** Causes substantial but temporary eye damage and skin irritation. Harmful if swallowed or if absorbed through skin. Do not get in eyes, skin, or clothing. Wear goggles or face shield, rubber gloves and protective clothing when handling. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse. Keep children and pets away from treated area until spray has dried.

**STATEMENT OF PRACTICAL TREATMENT**

**IF SWALLOWED:** Call a physician or poison control center. Drink promptly a large quantity of mild, egg white, or gelatin mixture, or if these are not available, a large quantity of water. **If Inhaled:** Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention. **If On Skin:** Wash with plenty of soap and water. Get medical attention. **If in Eyes:** Hold eyelids open and flush with a steady gentle stream of water for 15 minutes. Get medical attention. **Note to Physician:** Affected persons respond to treatment with antihistamines or steroid creams and/or systemic steroids.

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44641-CA-1<sup>E</sup>

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3/25/96  
Rev. 10/21/96

Superscript used is first letter of lot number