



Phoenix
ENVIRONMENTAL CARE

Peregrine[®] FUNGICIDE

TURF AND ORNAMENTAL FUNGICIDE

ACTIVE INGREDIENT	BY WT.
Chlorothalonil: tetrachloroisophthalonitrile	50.00%
Thiophanate-methyl: dimethyl 4,4'-o-phenylenebis (3-thioallophanate)	16.66%
OTHER INGREDIENTS:	33.34%
TOTAL	100.00%

KEEP OUT OF REACH OF CHILDREN DANGER – PELIGRO

See Additional Precautions Inside Booklet

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

FIRST AID

IF IN EYES:	<ul style="list-style-type: none"> • 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. • Call a poison control center or doctor for treatment advice.
IF ON SKIN:	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15-20 minutes. • Call a poison control center or doctor for treatment advice.
IF INHALED:	<ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. • Call a poison control center or doctor for further treatment advice.
IF SWALLOWED:	<ul style="list-style-type: none"> • Call a poison control center or doctor immediately for treatment advice. • Have person sip a glass of water if able to swallow. • Do not induce vomiting unless told to do so by a poison control center or doctor. • Do not give anything to an unconscious person.
<p>Have the product container or label with you when calling a poison control center or doctor or going for treatment. For emergency information concerning this product, call toll free 1-888-875-1724.</p>	
<p>NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage.</p>	

Phoenix Environmental Care, LLC
P.O. Box 370 • Valdosta, GA 31603

EPA Reg. No. 81943-7

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS DANGER

Corrosive, causes irreversible eye damage. Wear face shield or goggles. Harmful if absorbed through skin. Do not get in eyes, on skin or clothing. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Do not take internally. Avoid breathing dust or spray mist.

Personal Protective Equipment (PPE)

Mixers, loaders, applicators and all other handlers must wear:

- long sleeved shirt and long pants
- chemical resistant gloves—Category A (e.g., barrier laminate, butyl rubber, nitrile rubber, neoprene rubber, natural rubber, polyethylene, polyvinyl chloride (PVC) or viton)
- shoes plus socks
- protective eyewear
- chemical resistant headgear for overhead exposure
- chemical resistant apron when cleaning equipment, mixing, or loading.
- and a dust/mist filtering respirator (MSHA/NIOSH approval number prefix TC-21C) or a NIOSH approved respirator with any N, R, P or HE filter
- For exposures in enclosed areas, such as a greenhouse, applicators and other handlers must wear a respirator with an organic vapor-removing cartridge with a prefilter approved for pesticides (MSHA/NIOSH approval number prefix TC-23C), or a canister approved for pesticides (MSHA/NIOSH approval number prefix TC-14G), or a NIOSH approved respirator with an organic vapor (OV) cartridge or canister with any N, R, P or HE prefilter.

USER SAFETY REQUIREMENTS

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry. Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them.

ENGINEERING CONTROLS

When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240 (d) (4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

USER SAFETY RECOMMENDATIONS

Users should wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.

Users should remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

Users should remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to aquatic invertebrates and wildlife. Do not apply directly to water or to areas where surface water is present or to intertidal areas below the mean high-water mark. Drift and runoff may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water when disposing of equipment washwater or rinsate.

This chemical is known to leach through soil into groundwater under certain conditions as a result of label use. Use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in groundwater contamination.

This chemical can contaminate surface water through spray drift. Under some conditions, it may also have a high potential for runoff into surface water for several days to weeks after application. These include poorly draining or wet soils with readily visible slopes toward adjacent surface waters, frequently flooded areas, areas overlaying extremely shallow ground water, areas with infield canals or ditches that drain to surface water, areas not separated from adjacent surface waters with vegetated filter strips, and areas over-laying tile drainage systems that drain to surface water."

DIRECTIONS FOR USE

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

Do not apply this product in a way that will contact workers or other persons, or pets, either directly or through drift. Only protected handlers may be in the area during application. Notify workers of the application by warning them orally and by posting warning signs at entrances to treated areas. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE), and restricted entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Notify workers of the application by warning them orally and by posting warning signs at entrances to treated areas. DO NOT enter or allow workers to enter treated areas during the restricted entry interval (REI) of 12 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is:

- coveralls
- chemical resistant gloves made of any waterproof material— Category A (e.g., barrier laminate, butyl rubber, nitrile rubber, neoprene rubber, natural rubber, polyethylene, polyvinyl chloride (PVC) or viton)
- shoes plus socks
- protective eyewear

Special Eye Irritation Provisions: This product is a severe eye irritant. Although the restricted entry interval expires after 12 hours, for the next 6.5 days entry is permitted only when the following safety measures are provided:

- 1) At least one container designed specifically for flushing eyes must be available in operating condition at the WPS required decontamination site intended for workers entering the treated area.
- 2) Workers must be informed, in a manner they can understand:
 - that residues in the treated area may be highly irritating to their eyes
 - that they should take precautions, such as refraining from rubbing their eyes, to keep the residues out of their eyes
 - that if they do get residues in their eyes, they should immediately flush their eyes using the eyeflush container that is located at the decontamination site or using other readily available clean water
 - how to operate the eyeflush container

NON-AGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to uses of this product that are NOT within the scope of Worker Protection Standard for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses.

DO NOT enter or allow others to enter treated areas until spray has dried.

GENERAL INFORMATION

Peregrine fungicide is a formulation of two chemicals to provide both contact and systemic disease control. It is for use on golf course and ornamental turfgrasses.

Peregrine fungicide is also highly effective on ornamental plants, shrubs, and trees. Used according to the directions on this label, it controls a broad spectrum of turf and ornamental diseases. Thorough uniform coverage of plant surfaces is essential for good disease control.

The wettable, dry granules of Peregrine fungicide should be added to the spray tank while filling with water. Keep the agitator running when filling spray tank and during spray operations.

Combinations in the spray tank with pesticides, fertilizers, or surfactants is not recommended unless your prior use has shown the combination to be physically compatible, effective and non-injurious under your conditions of use.

Note:

Do not apply with fixed wing or rotary aircraft.

For use only by certified applicators or those under their immediate supervision.

Not for use on turf being grown for sale.

Use of this product on home lawns is prohibited.

Do not apply this product through any type of irrigation system.

Do not graze treated areas. Do not feed clippings to livestock or poultry.

GOLF COURSE FAIRWAYS, INSTITUTIONAL LAWNS, AND ORNAMENTAL TURF

Peregrine fungicide will control many turf diseases when used at proper rates and timing as shown below. Begin applications when conditions favor disease development and repeat applications as long as these conditions persist. Under severe disease conditions, use the highest rate and shortest interval corresponding with the application schedule below.

GOLF COURSE FAIRWAYS, INSTITUTIONAL LAWNS AND ORNAMENTAL TURF			
Disease	Minimum application interval	Application Rate: lb product per acre	Maximum yearly rate of use: lb product per acre
Sclerotinia, dollar spot	14 days	8.25 to 10 lb product per acre *	Residential/public turf: 52 lb product per acre per year
Helminthosporium, leaf spot			Fairways: 32.83 lb product per acre per year except 16.38 lb product per acre per year in Florida *
Rhizoctonia, brown patch			

*Application rate to fairways in Florida is limited to one application per year only during overseeding at a rate of up to 16.38 lb product per acre.

GOLF COURSE TEES, GREENS, AND APRONS

Apply Peregrine fungicide in adequate amount of water to provide complete coverage. This amount may vary from 2 to 10 gallons per 1000 sq. ft. Under severe disease conditions, use the curative rates and spray on a 7 day schedule. Suggested rates and timing are shown below, but actual rates and timing will vary with disease conditions and growth and vigor of the grass.

Disease	GOLF COURSE TEES, GREENS AND APRONS				Maximum Seasonal Rate:
	Application Rate: ounces product per 1000 square feet				
	Preventative		Curative		
	Application Rate	Minimum retreatment interval	Curative Application Rate: once per season	Minimum preventative retreatment interval	
Anthracnose	2 – 4 oz	14 days	4 – 8 oz	14 days	Tees: 38.2 oz product per 1000 square feet per year Greens and aprons: 48.24 oz product per 1000 square feet per year
Copper Spot	3 – 5 oz	14 days	4 – 8 oz	14 days	
Dollar Spot	2 – 4 oz	14 days	4 – 8 oz	14 days	
Gray Leaf Spot	2 – 4 oz	14 days	4 – 8 oz	14 days	
Helminthosporium, melting out and leaf spot	2 – 4 oz	14 days	4 – 8 oz		
Large Brown Patch	2 – 4 oz	14 days	4 – 8 oz	14 days	
Red Thread	3 – 5 oz	14 days	4 – 8 oz	14 days	
Stem Rust of Bluegrass	3 – 5 oz	14 days	4 – 8 oz	14 days	
Mildew, powdery	2 – 4 oz	14 days	4 – 8 oz	14 days	
Mildew, downy	2 – 4 oz	14 days	4 – 8 oz	14 days	
Gray Snow Mold (<i>Typhula</i> spp.)	6 – 8 oz	Apply in fall prior to snow cover. One application has given excellent control throughout the winter.			
Pink Snow Mold (<i>Fusarium</i> spp.)	6 – 8 oz				

Peregrine fungicide is fungistatic to many diseases including *Pythium* spp. Applications should be made prior to disease development at preventive rates and repeated at seven day intervals for best control.

DO NOT mow or water after application until spray deposit on turfgrass is thoroughly dry; Peregrine should always be used in conjunction with good turf management practices and programs.

ORNAMENTALS

Apply Peregrine fungicide at a rate of .75 to 1.5 pounds per 100 gallons of water unless other rates are shown in the table below: Maximum seasonal application rate for field grown ornamentals is 72.8 lb product per acre per year.

Foliar Spray for Field and Greenhouse

DISEASE	LBS/100 GAL.	REMARKS
Cedar Apple Rust of Crabapple*	1.5	Repeat application every 14 days at a minimum. Begin at spring bud break.
Ovulinia Blight of Azalea & Rhododendron	1 – 1.5	Begin sprays as flowers open Repeat every 14 days at a minimum.
Anthracnose, Shade Trees, & Woody Ornamentals	1	Apply at bud break. Repeat every 7-10 days as needed. DO NOT exceed 4 applications per year.
Ascochyta Blight of Chrysanthemum and Iris (<i>Ascochyta</i> spp.) Black Spot of Rose (Diplocarpon Roshe) Botrytis Flower Blight of Geranium, Rose, & Petunia (<i>Botrytis</i> spp.) Scab of Pyracantha & Flowering Crab (<i>Fusicladium</i> spp. & <i>Venturia</i> spp.) Leaf Blight of Gladiolus (<i>Curvularia</i> spp.) Corynespora Leafspot of Ligustrum (<i>Corynespora</i> spp.) Iris Leafspot (<i>Didymellina</i> spp.) Mildew, powdery Mildew, downy	0.75 - 1	Repeat every 14 days at a minimum during disease period.

*Do not use fruit for food or feed purposes within 1 year of treatment.
Peregrine fungicide may be used in greenhouses.

STORAGE AND DISPOSAL

DO NOT contaminate water food or feed by storage or disposal. Open dumping is prohibited.

PESTICIDE STORAGE: Store in the original container in a dry area. Do not store in a manner where cross-contamination with other pesticides, fertilizers, food or feed could occur. If spilled during storage or handling sweep up spillage and dispose of in accordance with the Pesticide Disposal Instructions listed below.

PESTICIDE DISPOSAL: Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be used according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

CONTAINER DISPOSAL: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill or by incineration, or if allowed by State and local authorities, by burning. If burned, stay out of smoke.

CONDITIONS OF SALE AND WARRANTY

The DIRECTIONS FOR USE of this product are believed to be reliable and must be followed carefully. However, it is impossible to eliminate all risks inherently associated with use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or use of the product in a manner inconsistent with its labeling, all of which are beyond the control of Phoenix Environmental Care, LLC or the seller. To the extent consistent with applicable law, all such risks shall be assumed by the buyer.

Phoenix Environmental Care, LLC warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes set forth in the DIRECTIONS FOR USE when it is used in accordance with such directions, subject to the inherent risks mentioned above.

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