# TERRAGUARD® SC/LS

### ORNAMENTAL FUNGICIDE

**COMPOSITION** 

Active Ingredient:(% by weight)Triflumizole1-[1-[[4-chloro-2-(trifluoromethyl)phenyl]imino]-2-propoxyethyl]-1H-imidazole42.14%Other Ingredients:57.86%Total:100.00%

EPA Reg. No. 70506-584

Contains 4 lb triflumizole per gallon

## **CAUTION**

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#### IF SWALLOWED

- 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 by the poison control center or doctor.

**FIRST AID** 

• Do not give anything to an unconscious person.

**EMERGENCY ASSISTANCE:** Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

FOR 24-HOUR MEDICAL EMERGENCY ASSISTANCE CALL ROCKY MOUNTAIN POISON AND DRUG SAFETY: 1-866-673-6671.

**FOR 24-HOUR CHEMICAL EMERGENCY (Spill, leaks, fire, exposure or accident) CALL CHEMTREC:** 1-800-424-9300 or +1-703-527-3887.

For Product Use Information Call: 1-800-438-6071

See inside booklet for additional First Aid, Precautionary Statements, and Directions for Use.

Net Contents: \_\_\_\_\_ Gallons





# PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS CAUTION

Harmful if swallowed. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or the toilet.

#### PERSONAL PROTECTIVE EQUIPMENT (PPE)

Some materials that are chemical-resistant to this product are listed below. **Applicators and Other Handlers Must Wear:** A long-sleeved shirt & long pants; chemical-resistant gloves made of any waterproof material; shoes plus socks.

#### **USER SAFETY REQUIREMENTS**

Follow manufacturer's instructions for cleaning and maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

#### **ENGINEERING CONTROLS**

When handlers use closed systems or enclosed cabs 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.
- Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- 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 product is toxic to fish. Do not apply directly to water, or to areas where surface water is present, or to intertidal areas below the mean high water mark. Do not contaminate water when cleaning equipment or disposing of equipment washwaters or rinsate.

Drift and runoff from treated areas may be hazardous to aquatic organisms in neighboring areas.

#### PHYSICAL OR CHEMICAL HAZARDS

Do not use or store near heat or open flame.

#### **DIRECTIONS FOR USE**

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

Read entire label directions before using.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your state or tribe, consult the agency responsible for pesticide regulation.

Keep unprotected persons out of treated areas until sprays have dried.

#### **STORAGE AND DISPOSAL**

Do not contaminate water, food or feed by storage or disposal.

PESTICIDE STORAGE: Store in a cool, dry, secure location.

**PESTICIDE DISPOSAL:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. **CONTAINER HANDLING:** Nonrefillable container. Do not reuse or

refill this container.

#### [For containers equal to or less than 5 gallons in size:]

Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer container for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, by incineration or if allowed by state and local authorities, by burning. If burned, stay out of smoke. Recycling: Once cleaned, some agricultural plastic pesticide containers can be taken to a container collection site or picked up for recycling. To find the nearest site, contact your chemical dealer or manufacturer or contact the Aq Container Recycling Council (ACRC)

#### PRODUCT INFORMATION

at 1-877-952-2272 (toll free) or visit www.acrecycle.org.

TERRAGUARD® SC/LS Fungicide can be used as a foliar spray for control of certain diseases on landscape grown ornamental trees and shrubs as well as to specified residential/non-commercial fruit-bearing trees and vines (apples, pears, and grapes). When applied as a foliar spray, TERRAGUARD SC/LS has translaminar activity and is locally systemic within the plant. TERRAGUARD SC/LS provides excellent protectant activity and is most effective when applied prior to the onset of disease following specified rates. However, when not used in preventative programs, TERRAGUARD SC/LS can be applied after disease symptoms appear to provide good eradicant activity.

#### **MIXING INSTRUCTIONS**

Fill the mixing tank with half the required amount of water. Then add TERRAGUARD SC/LS with agitation running to insure proper mixing and suspension of product. Then, fill the tank with the remaining amount of required water.

The mixture of TERRAGUARD SC/LS and water should be continuously agitated to assure uniform application.

#### TREES. SHRUBS AND VINES

TERRAGUARD SC/LS can be used as a foliar spray to only landscape grown ornamental trees, shrubs, apples, pears and grapes. Do not apply TERRAGUARD SC/LS to any other fruit-bearing trees or vines. TERRAGUARD SC/LS is effective in controlling a variety of diseases on trees, shrubs and vines in landscaped areas around:

- Residences
- Institutions
- · Public, commercial and industrial buildings
- Recreational sites (campgrounds, golf courses, parks and athletic fields)
- · Rights of way and other easements

#### **USES AND RATES OF APPLICATION**

PLANT TYPE	FOLIAR DISEASES	FLUID OUNCES TERRAGUARD SC/LS PER 100 GAL* (LB AI/A)	APPLICATION INSTRUCTIONS
Ornamental Trees Shrubs	Botrytis Blight (Botrytis cinerea) Leaf Spot (Alternaria spp.) (Exserohilum rostratum) (Helminthosporium rostratum) Powdery Mildew (Erysiphe cichoracearum) (Erysiphe lagerstroemia) (Oidium spp.) (Podospaera spp.) (Sphaerotheca pannosa) Rust (Puccinia spp.) (Gymnosporangium spp.) Scab (Venturia spp.)	4 to 8 (0.125 - 0.25 lb ai/A)	Apply prior to or at very first sign of infection. Repeat applications can be made at no less than 14 day intervals.
Apples**	Powdery Mildew (Oidium spp.) (Podospaera spp.) Rust (Gymnosporangium spp.) Scab (Venturia inaequalis)	2 to 4 (0.063 - 0.125 lb ai/A)	Apply prior to or at very first sign of infection. Repeat applications can be made at no less than 14 day intervals. Do not apply within 14 days of harvest.
Pears**	Powdery Mildew (Oidium spp.) (Podospaera spp.) Scab (Venturia inaequalis)	2 to 4 (0.063 - 0.125 lb ai/A)	Apply prior to or at very first sign of infection. Repeat applications can be made at no less than 14 day intervals. Do not apply within 14 days of harvest.
Grapes**	Powdery Mildew (Unicula spp.)	2 to 4 (0.063 - 0.125 lb ai/A)	Apply prior to or at very first sign of infection. Repeat applications can be made at no less than 14 day intervals. Do not apply within 7 days of harvest.

<sup>\*</sup> Required spray volumes will vary greatly depending on both the size and spacing of the trees, shrubs and vines. The volume applied should be enough to ensure thorough coverage of the foliage just to the point of drip, but must not exceed 200 gallons per acre.

#### **RESTRICTIONS:**

Do not exceed a spray volume of 200 gallons per acre.

Do not make more than 4 applications per crop per year.

Do not apply more than 4 fl oz (0.125 lb ai) per acre per application or more than 16 fl oz per acre per year for apples, pears and grapes. Do not apply more than 8 fl oz (0.25 lb ai) per acre per application for ornamental trees and shrubs.

Do not apply more than 32 fl oz per acre per year for ornamental trees and shrubs.

<sup>\*\*</sup> Not for use on agricultural establishments.

#### **PLANT TOLERANCE:**

Neither the manufacturer nor the seller has determined whether or not TERRAGUARD SC/LS can be used safely on all ornamental plants. Prior to any large scale application, the user should determine the safety of TERRAGUARD SC/LS by testing a small number of the type of plants to be treated at the recommended rates.

#### **IMPORTANT NOTICE**

The directions on this label are derived from research to ensure correct product usage. Insufficient control may result from extremes in weather conditions, or lack of following label instruction. The use of this product is beyond the control of UPL NA Inc. and the seller. Buyer is responsible for proper use as per directions and acceptance of product performance under extraordinary or unusual weather conditions. To the extent consistent with applicable law, UPL NA Inc. is not responsible for losses or damage resulting from using TERRAGUARD SC/LS in any manner not specified. Seller warrants that this product conforms to its chemical description and is reasonably fit for the purposes stated on the label when used in accordance with the directions and instructions specified on the label under normal conditions of use. but neither this warranty of merchantability nor any other warranty of merchantability or fitness for a particular purpose, express or implied, extends to the use of this product, contrary to label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to seller, the buyer assumes the risk of any such use.

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