



## U.S. ENVIRONMENTAL PROTECTION AGENCY

Office of Pesticide Programs  
 Registration Division (7505C)  
 1200 Pennsylvania Ave., N.W.  
 Washington, D.C. 20460

EPA Reg. Number:

400-535

Date of Issuance:

AUG 24 2006

## NOTICE OF PESTICIDE:

Registration  
 Reregistration  
 (under FIFRA, as amended)

Term of Issuance:

Conditional

Name of Pesticide Product:

Terraguard SC/LS

## Name and Address of Registrant (include ZIP Code):

Chemtura USA Corporation  
 199 Benson Road  
 Middlebury, Connecticut 06749

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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 changes to the label.
  - a. Add the phrase "EPA Registration Number 400-535".

Signature of Approving Official:

*Mary L. Waller*

Mary L. Waller, Product Manager (21)  
 Fungicide Branch, Registration Division (7505P)

Date:

8/24/2006

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3. Within the "Ingredient Statement", line up all percentages by the decimal point.
4. Clarify the "Emergency Assistance" heading by adding the phrase "(Human health)" immediately after the heading.
5. Within the "Use Rates/Application Notes" section under the "Application Notes" heading, add the phrase "fl. ozs." to each note "Do not exceed \_\_ ozs. of product per acre per season.
6. Within the "Warranty Statement" add the phrase "SC/LS " to the product name within the sentence, "Chemtura is not responsible for losses or damage resulting from using TERRAGUARD".
7. Revise the "Warranty Statement" to add the phrase "To the extent consistent with applicable law" before the phrase "Chemtura is not responsible for losses or damage....."
8. Submit one copy of the final printed label before the product is released for shipment

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA Sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions. A stamped copy of the label and a copy of the product chemistry review is enclosed for your records.

Sincerely,



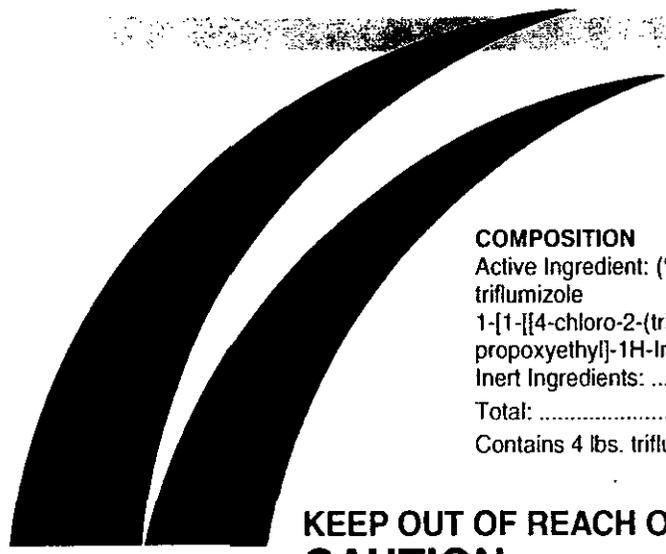
Mary L. Waller  
Product Manager (21)  
Fungicide Branch  
Registration Division (7505P)

Enclosure: Label stamped "Accepted with Comments"  
Product Chemistry Review

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# Terraguard<sup>®</sup> SC/LS

ORNAMENTAL FUNGICIDE



**ACCEPTED**  
with **COMMENTS**  
In EPA Letter Dated  
AUG 24 2006

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

400-535

**COMPOSITION**  
Active Ingredient: (% by weight)

triflumizole	
1-[1-[[4-chloro-2-(trifluoromethyl) phenyl] imino]-2-propoxyethyl]-1H-imidazole	42.14%
Inert Ingredients:	57.86%
Total:	100.0%

Contains 4 lbs. triflumizole per gallon.

Net contents:

## KEEP OUT OF REACH OF CHILDREN CAUTION

FIRST AID	
<b>IF SWALLOWED</b>	<ul style="list-style-type: none"> <li>• Call a poison control center or doctor immediately for treatment advice.</li> <li>• Have person sip a glass of water if able to swallow.</li> <li>• Do not induce vomiting unless told to do so by the poison control center or doctor.</li> <li>• Do not give anything by mouth to an unconscious person.</li> </ul>
<b>EMERGENCY ASSISTANCE:</b> Have the product container or label with you when calling a poison control center or doctor, or going for treatment.	
<b>EMERGENCY PHONE</b>	800-292-5898
<b>SAFETY DATA AND INFORMATION</b>	203-573-3303
<b>TRANSPORTATION EMERGENCY (CHEMTREC)</b>	800-424-9300

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 or using tobacco.	
<b>PERSONAL PROTECTIVE EQUIPMENT</b> Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for Category A on an EPA chemical resistance category selection chart. <b>Applicators and Other Handlers Must Wear:</b> A long-sleeved shirt & long pants; chemical-resistant gloves made of any waterproof material; shoes plus socks. Follow manufacturer's instructions for cleaning and maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry. 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)(1-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.	
<b>USER SAFETY RECOMMENDATIONS</b> Users should: <ul style="list-style-type: none"> <li>• Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.</li> <li>• Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.</li> <li>• 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.</li> </ul>	



Chemtura USA Corporation  
Middlebury, CT 06749  
EPA REG. NO. 400-  
EPA EST. NO.  
001

www.chemtura.com

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USE RATES / APPLICATION NOTES

PLANT TYPE	DISEASE	AMOUNT OF PRODUCT /100 GALS.*	APPLICATION NOTES
Ornamentals Trees Shrubs	<b>Botrytis Blight</b> ( <i>Botrytis cinerea</i> ) <b>Leaf Spots</b> ( <i>Alternaria spp</i> ) ( <i>Exserohilum rostratum</i> ) ( <i>Helminthosporium rostratum</i> ) <b>Powdery Mildew</b> ( <i>Erysiphe cichoracearum</i> ) ( <i>Erysiphe lagerstroemiae</i> ) ( <i>Oidium spp</i> ) ( <i>Podosphaera spp</i> ) ( <i>Sphaerotheca pannosa</i> ) <b>Rust</b> ( <i>Gymnosporangium spp</i> ) ( <i>Puccinia spp</i> ) <b>Scab</b> ( <i>Ventura inaequalis</i> )	4 to 8 fl. ozs.	Do not exceed 96 ozs. of product per acre per season.
Apples**	<b>Powdery Mildew</b> ( <i>Oidium spp.</i> ) ( <i>Podosphaera spp</i> ) <b>Rust</b> ( <i>Gymnosporangium spp</i> ) <b>Scab</b> ( <i>Ventura inaequalis</i> )	2 to 4 fl. ozs.	Do not exceed 64 ozs. of product per acre per season. Do not apply within 14 days of harvest.
Pears**	<b>Powdery Mildew</b> ( <i>Podosphaera spp</i> ) <b>Scab</b> ( <i>Ventura inaequalis</i> )	2 to 4 fl. ozs.	Do not exceed 64 ozs. of product per acre per season. Do not apply within 14 days of harvest.
Grapes**	<b>Powdery Mildew</b> ( <i>Uncinula spp</i> )	2 to 4 fl. ozs.	Do not exceed 32 ozs. of product per acre per season. Do not apply within 7 days of harvest.

For optimum disease control, TERRAGUARD SC/LS should be applied prior to or at very first sign of infection, with repeat applications made at 7 to 14 day intervals.

\*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. Do not exceed a volume of 400 gallons per acre.

\*\*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 and recommendations 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 Chemtura and seller. Buyer is responsible for proper use as per directions and acceptance of product performance under extraordinary or unusual weather conditions.

Chemtura is not responsible for losses or damage resulting from using TERRAGUARD in any manner not specifically recommended. 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, and buyer assumes the risk of any such use.

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**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 disposing of equipment washwaters. 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 area 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 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 DISPOSAL:**

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

**Paper:** Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill or by incineration, or if allowed by State and local authorities, by burning. If burned, stay out of smoke.

**GENERAL INFORMATION**

TERRAGUARD SC/LS fungicide can be used in repeat applications as a foliar spray for control of certain diseases on landscape grown ornamental trees and shrubs as well as to certain residential / non-commercial bearing fruit trees and vines.

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 recommended rates. However, when not used in preventive programs, TERRAGUARD SC/LS can also be applied after disease symptoms appear to provide good eradicator 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. 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 in repeat applications as a foliar spray only to landscape grown ornamental trees, shrubs, apples, pears and grapes. Do not apply TERRAGUARD SC/LS to any other trees or vines bearing fruit crops.

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, such as campgrounds, golf courses, parks and athletic fields.
- Rights of way and other easements