

400-502

2-20-2004

114



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

EPA Reg. Number:
400-502

Date of Issuance:
FEB 20 2004

Term of Issuance: Conditional

NOTICE OF PESTICIDE:

Registration
 Reregistration
(under FIFRA, as amended)

Name of Pesticide Product:

Terraguard LS

Name and Address of Registrant (include ZIP Code):

Crompton Manufacturing Co.
74 Amity Road
Bethany, Connecticut 06524-3402

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 labeling change before you release the product for shipment:
 - a. Add the phrase "EPA Registration Number 400-502".
3. Submit one copy of your final printed label prior to release of the product 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 is enclosed for your records.

Signature of Approving Official:

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

Date:

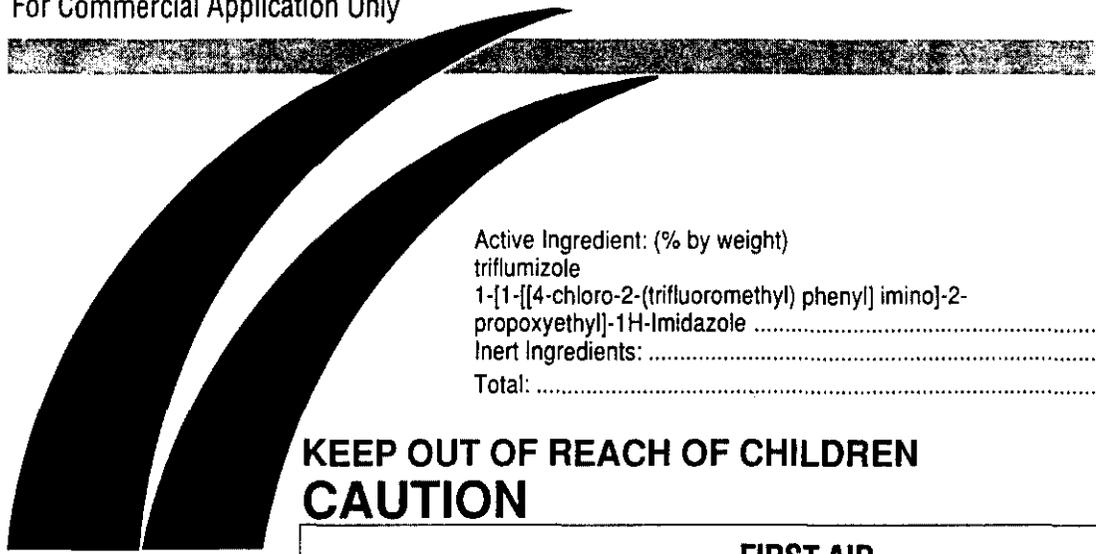
2/20/04

Enclosure: stamped label

2/4

Terraguard® LS

50% WETTABLE POWDER
FUNGICIDE
For Commercial Application Only



Active Ingredient: (% by weight)

triflumizole	
1-[1-[[4-chloro-2-(trifluoromethyl) phenyl] imino]-2-propoxyethyl]-1H-imidazole	50%
Inert Ingredients:	50%
Total:	100%

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

Net contents:

400-502

ACCEPTED
with COMMENTS
In EPA Letter Dated:
FEB 20 2004

FIRST AID	
IF IN EYES	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15 to 20 minutes. • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. • Call a poison control center or doctor for 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 the poison control center or doctor. • Do not give anything by mouth to an unconscious person.
IF ON SKIN OR ON CLOTHING	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15 to 20 minutes. • Call a poison control center or doctor for treatment advice.
EMERGENCY ASSISTANCE: Have the product container or label with you when calling a poison control center or doctor, or going for treatment.	
CROMPTON EMERGENCY PHONE	800-292-5898
SAFETY DATA AND INFORMATION	203-573-3303
TRANSPORTATION EMERGENCY (CHEMTREC)	800-424-9300

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

Harmful if swallowed, or absorbed through skin. Causes moderate eye irritation. Avoid contact with eyes, skin or clothing. Do not get in eyes, on skin or on clothing. Avoid breathing dust. Prolonged or frequently repeated skin contact with this product may cause allergic skin reactions in some individuals.

PERSONAL PROTECTIVE EQUIPMENT

Applicators and Other Handlers Must Wear: A long-sleeved shirt & long pants; chemical-resistant gloves made of 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.



Crompton Manufacturing
Company, Inc.
Middlebury, CT 06749

EPA REG. NO.
EPA EST. NO.
001CM

Crompton® and Uniroyal Chemical®
are Registered Trademarks of a
subsidiary of Crompton Corporation

www.cromptoncorp.com

USER SAFETY RECOMMENDATIONS

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Remove clothing 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 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.

MIXING INSTRUCTIONS

Fill the mixing tank with half the required amount of water. Then add TERRAGUARD 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 LS and water should be continuously agitated to assure uniform application.

TREES, SHRUBS AND VINES

TERRAGUARD 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 LS to any other trees or vines bearing fruit crops.

TERRAGUARD 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

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 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 LS has translaminar activity and is locally systemic within the plant. TERRAGUARD 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 LS can also be applied after disease symptoms appear to provide good eradicant activity.

USE RATES / APPLICATION NOTES

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

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

PLANT TOLERANCE:

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