

400-502

4-15-2004

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EPA	United States Environmental Protection Agency Washington, DC 20460	<input type="checkbox"/> Registration <input type="checkbox"/> Amendment <input checked="" type="checkbox"/> Other	OPP Identifier Number
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**Application for Pesticide - Section I**

1. Company / Product Name 400-502	2. EPA Product Manager Mary Waller	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company / Product (Name) Terraguard LS	PM# 21	
5. Name and Address of Applicant (Include ZIP Code) Crompton Manufacturing Co. 74 Amity Road Bethany, Connecticut 06524-3402 <input type="checkbox"/> check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3)(b)(I), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____	

**Section II**

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____.
<input type="checkbox"/> Resubmission in response to Agency letter dated _____.	<input type="checkbox"/> "Me Too" Application.
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

**NOTIFICATION**

APR 15 2004

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

Remove: "For Commercial Application Only:" per 2003 Label Review Manual, page 11-9.

**Section - III**

1. Material This Product Will Be Packaged In:			
Child-Resistant Packaging <input type="checkbox"/> Yes* <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	2. Type of Container <input type="checkbox"/> Metal NO CHANGE IN <input type="checkbox"/> Plastic PACKAGING <input type="checkbox"/> Glass CONTAINER. <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____
* Certification must be submitted		If "Yes" Unit Packaging wgt No. Per container	If "Yes" Packaging wgt No. Per container
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container	4. Size(s) Retail Container	5. Location of Label Directions <input type="checkbox"/> On Label <input type="checkbox"/> On labeling accompanying product	
6. Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled Other _____			

**Section - IV**

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)

Name Judith O. Ball	Title Registration Specialist	Telephone No. (Include Area Code) (203) 393-2163
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**Certification**

I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statements may be punishable by fine or imprisonment or both under applicable law.

2. Signature <i>Judith O. Ball for</i>	3. Title Manager U.S. Registration	6. Date Application Received (Stamp)
4. Typed Name Willard F. Cummings	5. Date March 26, 2004	

EPA Form 8570-1 (Rev. 8-94) Previous editions are obsolete.  
(original) Yellow - Applicant Copy

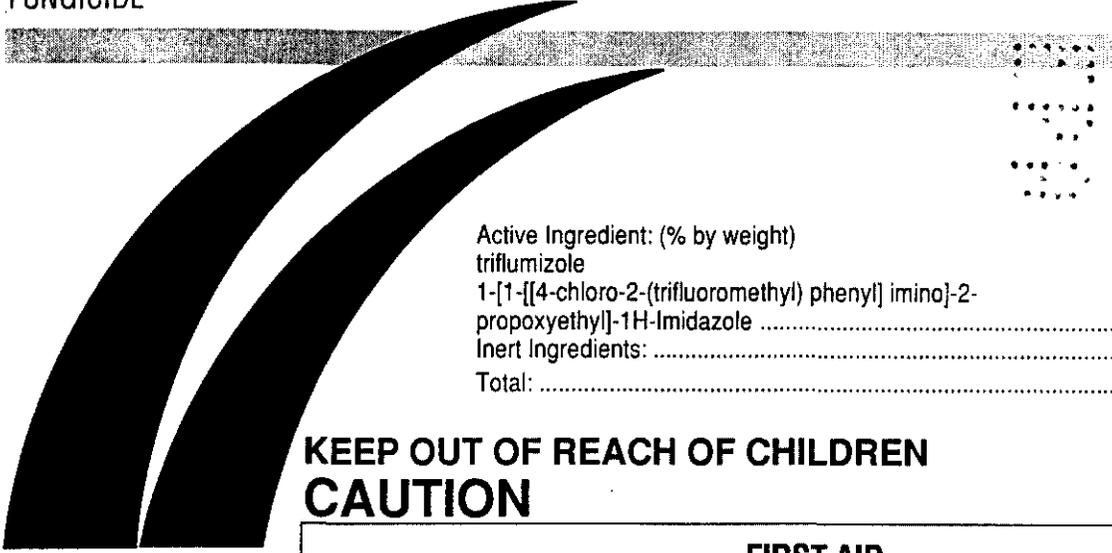
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REVISED LABEL

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NOTIFICATION  
APR 15 2004

# Terraguard® LS

50% WETTABLE POWDER  
FUNGICIDE



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:

FIRST AID	
<b>IF IN EYES</b>	<ul style="list-style-type: none"> <li>Hold eye open and rinse slowly and gently with water for 15 to 20 minutes.</li> <li>Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>Call a poison control center or doctor for treatment advice.</li> </ul>
<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>IF ON SKIN OR ON CLOTHING</b>	<ul style="list-style-type: none"> <li>Take off contaminated clothing.</li> <li>Rinse skin immediately with plenty of water for 15 to 20 minutes.</li> <li>Call a poison control center or doctor for treatment advice.</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>CROMPTON EMERGENCY PHONE</b>	<b>800-292-5898</b>
<b>SAFETY DATA AND INFORMATION</b>	<b>203-573-3303</b>
<b>TRANSPORTATION EMERGENCY (CHEMTREC)</b>	<b>800-424-9300</b>

### 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. 400-452  
EPA EST. NO. 002CM/022004  
Crompton® and Uniroyal Chemical® are Registered Trademarks of a subsidiary of Crompton Corporation

**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**

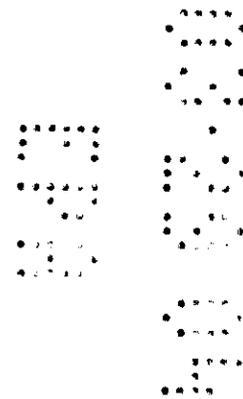
TERRAGUARD LS fungicide can be used in repeat applications as a foliar spray for control of certain diseases on landscape grown ornamental trees and shrubs as well as to certain residential / non-commercial bearing fruit trees and vines.

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 eradicator activity.



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USE RATES / APPLICATION NOTES

PLANT TYPE	DISEASE	RATE 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 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 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 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 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.

**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.

**IMPORTANT NOTICE**

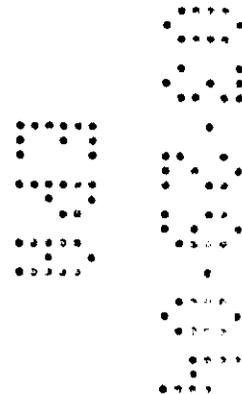
The directions and recommendations on this label are derived from research to ensure correct product usage. Insufficient control may result from extremes in weather conditions, or lack of following label instruction. The use of this product is beyond the control of Crompton and seller. Buyer is responsible 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.

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March 26, 2004

Document Processing Desk  
Office of Pesticide Programs (7505C)  
U.S. Environmental Protection Agency  
1921 Jefferson Davis Highway  
Room 266A, Crystal Mall 2  
Arlington, Virginia 22202-4501



Attn: Ms. Mary Waller, PM-21  
Registration Division (7505C)

Subject: **Terraguard LS, EPA Reg. No. 400-502**  
**Notification of Removal of Intended User phrase**

Dear Ms. Waller,

Crompton Corporation is notifying the Agency that the intended user phrase "For Commercial Application Only" is removed from the front panel of the label.

The 2003 EPA Review Manual, chapter 11, page 9, states the following

"The phrases, "for use only by [a certain type of user]; For Commercial Use Only" or "For Professional Use Only" should not appear on a product label. Such statements are often used by the registrants for marketing purposes, however, neither FIFRA nor the applicable regulations provide for labeling statements such as for "professional use", "industrial use" or other such terms."

This notification is consistent with provisions of PR Notice 98-10 and EPA regulations at 40 CFR 152.46, and no other changes have been made to the labeling or the confidential statement of formula of this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if this notification is not consistent with the terms of PR Notice 98-10 and 40 CFR 152.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.

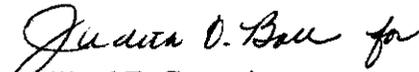
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Ms. Mary Waller  
March 26, 2004  
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If you have any questions regarding the data or this letter, please contact  
Judy Ball at the number below or email [judy.ball@cromptoncorp.com](mailto:judy.ball@cromptoncorp.com)

Sincerely,

CROMPTON CORPORATION



Willard F. Cummings  
U.S. Registration Manager  
Crop Protection  
Research & Development

cc: EPA Form 8570-1  
Current label with deletion  
Revised label, one (1) copy  
Self-addressed postcard

