

TERRAGUARD® 50W

ORNAMENTAL FUNGICIDE

ACCEPT
OCT 24 1991
Under the provisions of the
Federal Insecticide, Fungicide,
& Rodenticide Act, as amended,
this product is registered under
400-433

**UNIROYAL
CHEMICAL**

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS
AND DOMESTIC ANIMALS**
DANGER
Causes irreversible eye damage. Wear goggles or face shield when handling. Harmful if swallowed, inhaled, or absorbed through skin. 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. Wash thoroughly with soap and water after handling. (Before handling this product read and follow Protective Clothing Requirements).

ENVIRONMENTAL HAZARDS
This product is toxic to fish. Do not apply directly to water. 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.

COMPOSITION

Active Ingredient: (% by weight)	
1-[1-[4-chloro-2-(trifluoromethyl) phenyl] imino]-2-propoxyethyl]-1H-imidazole	50.0%
Inert Ingredients:	50.0%
Total:	100.0%

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.

STORAGE AND DISPOSAL
Do not contaminate water, food or feed by storage or disposal
STORAGE: Store in a cool, dry location.
PESTICIDE DISPOSAL: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use 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
Plastic: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, 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.

KEEP OUT OF REACH OF CHILDREN
DANGER

PELIGRO

PRECAUCION AL USUARIO: Si usted no lee ingles, no use este producto hasta que le etiqueta haya sido explicado ampliamente.

STATEMENT OF PRACTICAL TREATMENT
IF IN EYES: Hold eyelids open and flush with a steady, gently stream of water for 15 minutes. Get medical attention.
IF SWALLOWED: Call a physician or Poison Control Center. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger, or, if available, by administering syrup of ipecac. Do not induce vomiting or give anything by mouth to an unconscious person.
IF INHALED: Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention.
IF ON SKIN: Wash with plenty of soap and water. Get medical attention.
See left side panel for additional precautionary statement.

UNIROYAL CHEMICAL COMPANY, INC.
Middlebury, CT 06749
EPA REG. NO. 400-433
EPA EST. NO.
TERRAGUARD 50W is a Registered Trademark of UNIROYAL CHEMICAL COMPANY, INC.
NET CONTENTS:

STORE IN A COOL DRY LOCATION.

PROTECTIVE CLOTHING REQUIREMENTS

Applicators must wear a long-sleeved shirt, long pants, mid-forearm length protective gloves and protective boots when making applications. In addition, a protective apron and goggles or face shield must be worn during mixing/loading. Care of Protective Clothing: Rinse gloves with water before taking them off, then wash your hands. Check gloves for cuts or holes. If the gloves are damaged, dispose of properly, and get a new pair. Remove contaminated clothing and wash before reuse.

DIRECTIONS FOR USE

TERRAGUARD® 50W is a protectant fungicide to be used as a soil drench, foliar spray or through chemigation for control of diseases on ornamentals grown in enclosed commercial structures such as greenhouses, shade houses and interiorscapes.

MIXING INSTRUCTIONS: Half fill tank with water, add TERRAGUARD 50W while keeping water agitated to ensure suspension of product. Fill tank and agitate during application.

USE PRECAUTION: Do not handle plants until sprays have dried.

SPATHIPHYLLUM: For control of *Cylindrocladium* root and Peticle rot

DRENCH TREATMENT: Use 4 to 8 oz. of TERRAGUARD 50W per 100 gallons of water and apply as a soil drench to plants. Repeat every two to four weeks or as needed. Use higher rate under heavier disease pressure.

FOLIAR/SOIL TREATMENT: Use 4 to 8 oz. TERRAGUARD 50W per 100 gallons of water. Apply as a heavy spray to plants. For best results, use sufficient volume to ensure adequate soil penetration. Repeat applications every two to four weeks or as needed.

CHEMIGATION: Refer to Supplemental TERRAGUARD 50W label for Use Directions for Chemigation. Do not apply this product through any type of irrigations system unless the supplemental labeling on chemigation is followed.

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 instructions. The use of this product is beyond the control of Uniroyal and seller. Buyer is responsible for proper use as per directions and acceptance of product performance under extraordinary or unusual weather conditions.

Uniroyal 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 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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SUPPLEMENTAL LABELING



TERRAGUARD® 50W

ORNAMENTAL FUNGICIDE

COMPOSITION

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

**KEEP OUT OF REACH OF CHILDREN
DANGER**

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

USE DIRECTIONS FOR CHEMIGATION

(for control of *Cylindrocladum* root and *Pedicle* rot of *Spathiphyllum*)

Use 4 to 8 oz. TERRAGUARD 50W per 100 gallons of water as heavy spray to plants. Use sufficient volume to ensure adequate soil penetration for best results. Repeat applications every two to four weeks, or as needed.

Apply this product only through the following irrigation systems:

1) Overhead sprinklers such as impact or micro-sprinklers, 2) Micro-irrigation such as spaghetti-tube or individual tube irrigation, 3) Mist-type irrigation such as fog systems, 4) Hand-held calibrated irrigation equipment such as the hand-held wand with injector.

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

Crop injury or lack of effectiveness, or illegal pesticide residues in the crop can result from nonuniform distribution of treated water.

If you have questions about calibration, you should contact State Extension Service specialists, equipment manufacturers or other experts.

Do not connect an irrigation system, (including greenhouse systems), used for pesticide application to a public water system unless the pesticide label prescribed safety devices for public water systems are in place.

A person knowledgeable of the chemigation system and responsible for its operation or under the supervision of the responsible person, shall shut the system down and make necessary adjustments should the need arise.

The system must contain a functional check valve, vacuum relief valve, and low pressure drain appropriately located on the irrigation pipeline to prevent water source contamination from backflow.

The pesticide injection pipeline must contain a functional, automatic, quick closing check valve to prevent the flow of fluid back toward the injection pump.

The pesticide injection pipeline must also contain a functional, normally closed, solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.

The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops.

The irrigation line or water pump line must include a functional pressure switch which will stop the water pump motor when the water pressure decreases to the point where pesticide distribution is adversely affected.

Systems must use a metering pump, such as a positive displacement injection pump (e.g. diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock.

Do not apply when wind speed favors drift beyond the area intended for treatment.

POSTING

Posting of areas to be chemigated is required when 1) any part of a treated area is within 300 feet of sensitive areas such as residential areas, labor camps, businesses, day care centers, hospitals, in-patient clinics, nursing homes or any public areas such as schools, parks, playgrounds, or other public facilities not including public roads, or 2) when the chemigated area is open to the public such as golf courses or retail greenhouses.

Posting must conform to the following requirements. Treated areas shall be posted with signs at all usual points of entry and along likely routes of approach from the listed sensitive areas. When there are no usual points of entry, signs must be posted in the corners of the treated areas and in any other location affording maximum visibility to sensitive areas. The printed side of the sign should face away from the treated area towards the sensitive areas. The signs shall be printed in English. Signs must be posted prior to application and must remain posted until foliage has dried and soil surface water has disappeared. Signs may remain in place indefinitely as long as they are composed of materials to prevent deterioration and maintain legibility for the duration of the posting period.

All words shall consist of letters at least 2 1/2 inches tall, and all letters and the symbol shall be a color which sharply contrasts with their immediate background. At the top of the sign shall be the words KEEP OUT, followed by an octagonal stop sign symbol at least 8 inches in diameter containing the word STOP. Below the symbol shall be the words PESTICIDES IN IRRIGATION WATER.

SYSTEMS CONNECTED TO PUBLIC WATER SYSTEMS

Public water system means a system for the provision to the public of piped water for human consumption if such system has at least 15 service connections or regularly serves an average of at least 25 individuals daily at least 60 days of the year.

Chemigation systems connected to public water systems must contain a functional, reduced pressure zone, backflow preventer (RPZ) or the functional equivalent in the water supply line upstream from the point of pesticide introduction. As an option to the RPZ, the water from the public water system should be discharged into a reservoir tank prior to pesticide introduction. There shall be a complete physical break (air gap) between the outlet end of the fill pipe and the top or overflow rim of the reservoir tank of at least twice the inside diameter of the fill pipe.

The pesticide injection pipeline must contain a functional, automatic, quick closing check valve to prevent the flow of fluid back toward the injection pump.

The pesticide injection pipeline must also contain a functional, normally closed, solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.

The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops, or in cases where there is no water pump, when the water pressure decreases to the point where the pesticide distribution is adversely affected.

Systems must use a metering pump, such as a positive displacement injection pump (e.g. diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock.

Do not apply when wind speed favors drift beyond the area intended for treatment.

All application directions, and restrictions, and precautions on the EPA-registered label are to be followed.
This label must be in the possession of the user at the time of the pesticide application.

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