

ALUMINUM TRIS

GROUP

P07

FUNGICIDE



# SIGNATURE<sup>TM</sup> XTRA

## Stressgard<sup>®</sup> Liquid

### Fungicide

**A plant health promoting systemic fungicide.**

envu<sup>™</sup>

**ACTIVE INGREDIENT:**

Aluminum tris (O-ethyl phosphonate) ..... 42.40%

**OTHER INGREDIENTS:** ..... 57.60%

**TOTAL:** ..... 100.0%

Signature Xtra Stressgard Liquid Fungicide is an oil dispersant that contains:

4.25 lbs Aluminum tris (O-ethyl phosphonate) per U.S. gallon

**EPA Reg. No. 101563-228**

**EPA Est. No.**

## KEEP OUT OF REACH OF CHILDREN CAUTION

See Back Panel for First Aid Instructions and Booklet for Complete  
Precautionary Statements and Directions for Use.

For MEDICAL and TRANSPORTATION Emergencies ONLY Call 24 Hours A Day 1-800-424-9300.

For PRODUCT USE Information Call 1-800-331-2867.

**D00001488**

**DPM00002330A 260401AV1**

**Net Contents:**

**98 Fl Oz**

**PRODUCED FOR**  
**Environmental Science U.S., LLC**  
**5000 CentreGreen Way, Suite 400**  
**Cary, NC 27513**

## FIRST AID

|                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                       |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>If on skin or clothing:</b>                                                                                                                                                                                                                                                                                                                                                                                       | <ul style="list-style-type: none"><li>• Take off contaminated clothing.</li><li>• Rinse skin immediately with plenty of water for 15 - 20 minutes.</li><li>• Call a poison control center or doctor for treatment advice.</li></ul>                                                                                                                                   |
| <b>If in eyes:</b>                                                                                                                                                                                                                                                                                                                                                                                                   | <ul style="list-style-type: none"><li>• Hold eyes open and rinse slowly and gently with water for 15 - 20 minutes.</li><li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing.</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>• <b>DO NOT</b> induce vomiting unless told to do so by a poison control center or doctor.</li><li>• Have person sip a glass of water if able to swallow.</li><li>• <b>DO NOT</b> give anything by mouth to an unconscious person.</li></ul> |
| <b>Have the product container or label with you when calling a poison control center or doctor or going for treatment. In case of medical emergency for additional information call toll free 1-800-424-9300. You may also contact the National Pesticides Information Center (NPIC) at 1-800-858-7378, Monday through Friday, 8 AM to 12 PM PST, or at <a href="http://npic.orst.edu">http://npic.orst.edu</a>.</b> |                                                                                                                                                                                                                                                                                                                                                                       |
| <b>NOTE TO PHYSICIAN:</b> Treat symptomatically                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                       |

## PRECAUTIONARY STATEMENTS

### HAZARDS TO HUMANS AND DOMESTIC ANIMALS CAUTION

Harmful if absorbed through skin. Causes moderate eye irritation. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove and wash contaminated clothing before reuse.

### Personal Protective Equipment (PPE):

**Applicators and other handlers must wear:**

- Long-sleeved shirt
- Long pants
- Shoes plus socks
- Chemical resistant gloves made of any waterproof material such as barrier laminate, butyl rubber  $\geq$  14 mils, nitrile rubber  $\geq$  14 mils, neoprene rubber  $\geq$  14 mils, polyvinyl chloride (PVC)  $\geq$  14 mils, or viton  $\geq$  14 mils

### **User Safety Requirements:**

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

### **Engineering Controls:**

When handlers use closed systems, enclosed cabs, or aircraft 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:**

- 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.

## **PHYSICAL CHEMICAL HAZARDS**

Do not mix or allow coming in contact with Oxidizing agents. Hazardous Chemical reaction may occur.

## **ENVIRONMENTAL HAZARDS**

Drift and runoff may be hazardous to aquatic organisms in neighboring areas. **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 wash waters.

## **CONDITIONS OF SALE AND LIMITATIONS OF WARRANTY AND LIABILITY**

Read the entire Directions for Use, Conditions, Disclaimer of Warranties and Limitations of Liability before using this product. If terms are not acceptable, return the unopened product container at once.

By using this product, user or buyer accepts the following Conditions, Disclaimer of Warranties and Limitations of Liability.

**CONDITIONS:** The directions for use of this product are believed to be adequate and must be followed carefully. However, it is impossible to eliminate all risks associated with the use of this product. Ineffectiveness, plant injury, other property damage, as well as other unintended consequences may result because of factors beyond the control of Environmental Science U.S., LLC. Those factors include, but are not limited to, weather conditions, presence of other materials or the manner of use or application. All such risks shall be assumed by the user or buyer.

**DISCLAIMER OF WARRANTIES:** TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, ENVIRONMENTAL SCIENCE U.S., LLC MAKES NO OTHER WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE OR OTHERWISE, THAT EXTEND BEYOND THE STATEMENTS MADE ON THIS LABEL. No agent of Environmental Science U.S., LLC is authorized to make any warranties beyond those contained herein or to modify the warranties contained herein. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, ENVIRONMENTAL SCIENCE U.S., LLC DISCLAIMS ANY LIABILITY WHATSOEVER FOR SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT.

**LIMITATIONS OF LIABILITY:** TO THE EXTENT CONSISTENT WITH APPLICABLE LAW THE EXCLUSIVE REMEDY OF THE USER OR BUYER FOR ANY AND ALL LOSSES, INJURIES OR DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, WHETHER IN CONTRACT, WARRANTY, TORT, NEGLIGENCE, STRICT LIABILITY OR OTHERWISE, SHALL NOT EXCEED THE PURCHASE PRICE PAID, OR AT ENVIRONMENTAL SCIENCE U.S., LLC'S ELECTION, THE REPLACEMENT OF PRODUCT.

## **DIRECTIONS FOR USE**

**It is a violation of federal law to use this product in a manner inconsistent with its labeling.  
Read entire label before using this product.**

**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.

## **AGRICULTURAL USE REQUIREMENTS**

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR Part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

**DO NOT** enter or allow worker entry into treated areas during the restricted-entry interval (REI) of 24 hours.

**PPE required for early entry to treated areas (that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water), is:**

- coveralls over long-sleeved shirt and long pants,
- socks and shoes,
- chemical-resistant gloves made of any of any waterproof material such as barrier laminate, butyl rubber ≥ 14 mils, nitrile rubber ≥ 14 mils, neoprene rubber ≥ 14 mils, polyvinyl chloride (PVC) ≥ 14 mils, or viton ≥ 14 mils.

## NON-AGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard (WPS) for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries or greenhouses.

**DO NOT** enter or allow others to enter the treated area until sprays have dried.

## PRODUCT INFORMATION

**Signature Xtra Stressgard Liquid Fungicide is a plant health promoting systemic fungicide.**

### For use on:

- Turf on golf courses, sod farms, sport fields, institutional, municipal, and commercial sites.

## PLANT HEALTH

Signature Xtra Stressgard Liquid Fungicide, when applied at the prescribed rates and intervals, promotes turfgrass rooting and increases turfgrass tolerance to abiotic stress by producing physiological effects which reduce stress-induced turf decline. During periods of increased abiotic stress, Signature Xtra Stressgard Liquid Fungicide treated turfgrass is less susceptible to reduction in plant performance characteristics such as turf density, quality and color. Consistent plant performance may result in decreased need for supplemental management during periods of suboptimal growing conditions. Signature Xtra Stressgard Liquid Fungicide enhances or maintains turfgrass performance during periods of water deficit, heat stress, reduced light conditions, and/or mechanical damages and promotes earlier spring green-up and canopy regrowth in various turf species and climates. When environmental conditions favor disease development, Signature Xtra Stressgard Liquid Fungicide exerts fungicidal activity through inhibition of energy production processes in plant-damaging pathogens as well as enhancement of defense mechanisms in plants.

## APPLICATION INFORMATION

Signature Xtra Stressgard Liquid Fungicide must be applied as a foliar spray using ground application equipment. Apply in 1 to 5 gallons of spray solution per 1000 sq ft.

This product may cause staining. Avoid off-target sites including sidewalks, patios, driveways, pavers, or similar materials. **DO NOT** enter treated areas until spray has dried. Rinse spray equipment thoroughly with warm water and detergent.

## SPRAY MIXING AND COMPATIBILITY

Signature Xtra Stressgard Liquid Fungicide may not be chemically compatible with foliar fertilizers or with copper-based fungicides and phytotoxicity may occur. To determine the physical compatibility of Signature Xtra Stressgard Liquid Fungicide with any other product, use a small container to mix a small amount (e.g. 1 pint) of spray solution, containing all ingredients in the same order and ratio as the anticipated use. If any indication of physical incompatibility develops, **DO NOT** use this mixture for spraying. Indication of incompatibility usually appears within 5 - 15 minutes after mixing. Read and follow all directions and precautions on this label and on the labels of any products for which a tank mixture is being considered.

## PRODUCT USE RESTRICTIONS

- **DO NOT** exceed 6.75 fl oz product/1000 sq ft per application (9.75 lb ai/A).
- **DO NOT** exceed a total of 33.88 gal of product per acre (144 lb ai/A), per year.
- **DO NOT** exceed 14 applications per year using the maximum single application rate.
- **DO NOT** graze animals on treated turf.
- **DO NOT** feed clippings from treated turf to livestock and poultry.
- Apply by ground application equipment only.
- **DO NOT** apply by air unless directed by Supplemental or Special Local Need labeling.

## TURF USE DIRECTIONS

Signature Xtra Stressgard Liquid Fungicide is a systemic fungicide, which may be used in a seasonal program for the control of Pythium diseases, including blight and root rot, and yellow tuft on common turfgrasses on golf courses, sod farms, sport fields, institutional, municipal, and commercial sites. Apply as a foliar spray, using 1 to 5 gallons of spray solution per 1000 sq ft, as indicated in the table below. Apply with a properly calibrated sprayer. Maintain agitation during spray operations.

When applying use spray nozzles that will deliver fine or larger spray droplets as defined in the American Society of Agricultural and Biological Engineers (ASABE) standard ANSI/ASABE S572.1 (March 2009).

## APPLICATIONS FOR TURF DISEASES

| DISEASE                                                | RATE<br>FL OZ PRODUCT/<br>1000 SQ FT                           | APPLICATION<br>INTERVAL<br>(Days) | APPLICATION<br>INSTRUCTIONS                                                                                                                                                                                                                                                                                                   | STRESS MANAGEMENT<br>BENEFITS'<br>(Stresses)                                                                                                                                                                                                                                                                                                                                                          |
|--------------------------------------------------------|----------------------------------------------------------------|-----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Pythium<br>diseases,<br>Yellow tuft                    | 2.25 - 4.5 fl oz<br>product/1000 sq ft<br>(3.25 - 6.5 lb ai/A) | 7 - 14                            | Begin preventive foliar spray<br>application when conditions<br>first favor disease and repeat<br>at prescribed interval. Use the<br>highest rate for the longer<br>application interval.<br><b>DO NOT</b> mow or irrigate<br>treated area until sprays have<br>completely dried.                                             | <ul style="list-style-type: none"><li>• Reduced solar<br/>radiation**</li><li>• High wilt potential**</li><li>• Winter cold injury***</li><li>• Hot and humid<br/>weather**</li><li>• Traffic wear**</li><li>• Physical or mechanical<br/>damage**</li><li>• Injury from disease**</li><li>• Reduced mowing<br/>heights**</li><li>• Injury from the use of<br/>turf growth<br/>regulators**</li></ul> |
|                                                        | 4.5 - 6.75 fl oz<br>product/1000 sq ft<br>(6.5 - 9.75 lb ai/A) | 14 - 21                           |                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                       |
| Bacterial Wilt                                         | 2.25 - 4.5 fl oz<br>product/1000 sq ft<br>(3.25 - 6.5 lb ai/A) | 7 - 14                            | Use the more frequent<br>application interval when<br>severe symptoms appear.<br><b>DO NOT</b> mow or irrigate<br>treated area until sprays have<br>completely dried.                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                       |
|                                                        | 6.75 fl oz<br>product/1000 sq ft<br>(9.75 lb ai/A)             | 14                                |                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                       |
| Microdochium<br>Patch<br>( <i>Microdochium</i><br>sp.) | 2.25 - 4.5 fl oz<br>product/1000 sq ft<br>(3.25 - 6.5 lb ai/A) | 7 - 14                            | Begin preventative foliar<br>application when conditions<br>first favor disease and repeat<br>at prescribed interval. Use the<br>highest rate for the longer<br>interval. Apply in adequate<br>water volumes to cover leaf<br>sheath.<br><b>DO NOT</b> mow or irrigate<br>treated area until sprays have<br>completely dried. |                                                                                                                                                                                                                                                                                                                                                                                                       |
|                                                        | 4.5 - 6.75 fl oz<br>product/1000 sq ft<br>(6.5 - 9.75 lb ai/A) | 14 - 21                           |                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                       |

(continued)

## APPLICATIONS FOR TURF DISEASES (*continued*)

| DISEASE               | RATE<br>FL OZ PRODUCT/<br>1000 SQ FT                           | APPLICATION<br>INTERVAL<br>(Days) | APPLICATION<br>INSTRUCTIONS                                                                                                                                                                                                                          | STRESS MANAGEMENT<br>BENEFITS'<br>(Stresses)                                                                                                                                                                                                                                                                                                                                            |
|-----------------------|----------------------------------------------------------------|-----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Algae<br>(algal scum) | 2.25 - 4.5 fl oz<br>product/1000 sq ft<br>(3.25 - 6.5 lb ai/A) | 7 - 14                            | Begin foliar application when conditions favor algal development and repeat at prescribed interval. Use the intermediate or high rate if algae is already present.<br><b>DO NOT</b> mow or irrigate treated area until sprays have completely dried. | <ul style="list-style-type: none"> <li>• Reduced solar radiation**</li> <li>• High wilt potential**</li> <li>• Winter cold injury***</li> <li>• Hot and humid weather**</li> <li>• Traffic wear**</li> <li>• Physical or mechanical damage**</li> <li>• Injury from disease**</li> <li>• Reduced mowing heights**</li> <li>• Injury from the use of turf growth regulators**</li> </ul> |
|                       | 4.5 - 6.75 fl oz<br>product/1000 sq ft<br>(6.5 - 9.75 lb ai/A) | 14 - 21                           |                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                         |

\*Apply after damage has occurred.

\*\*Stress management not applicable for use in California.

<sup>1</sup>Signature Xtra Stressgard Liquid Fungicide has a plant health component that is used for the prevention or alleviation of stress from non-optimal solar radiation and other oxidative processes on turfgrasses. Begin preventative applications prior to the occurrence of adverse weather conditions and repeat at prescribed intervals. Use higher rates prior to the onset of severe stress. Signature Xtra Stressgard Liquid Fungicide does not replace the use of soil amending adjuvants for soil hydrophobicity and must be used in conjunction with best turf management practices.

## USE AS A RESISTANCE MANAGEMENT TOOL

For resistance management, please note that Signature Xtra Stressgard Liquid Fungicide contains a Group P07 fungicide. Any fungal population may contain/develop individuals naturally resistant to Signature Xtra Stressgard Liquid Fungicide and other Group P07 fungicides. A gradual or total loss of pest control may occur over time if these fungicides are used repeatedly in the same fields. Appropriate resistance management strategies should be followed.

To delay fungicide resistance, take one or more of the following steps:

- Use tank mixtures with fungicides from a different group that are equally effective on the target pest when such use is permitted. Use at least the minimum application rate as labeled by the manufacturer.
- Adopt an integrated disease management program for fungicide use that includes scouting, uses historical information related to pesticide use, and which considers host plant resistance, impact of environmental conditions on disease development, disease thresholds, as well as cultural, biological and other chemical control practices.
- Where possible, make use of predictive disease models to effectively time fungicide applications. Note that using predictive models alone is not sufficient to manage resistance.
- Monitor treated fungal populations for resistance development.
- For further information or to report suspected resistance contact Environmental Science U.S., LLC at 1-800-331-2867. You can also contact your pesticide distributor or university extension specialist to report resistance.

## TANK MIXTURES

It is the pesticide user's responsibility to ensure that all products are registered for the intended use. Read and follow the applicable restrictions and limitations and directions for use on all product labels involved in tank mixing. Users must follow the most restrictive directions for use and precautionary statements of each product in the tank mixture.

A Signature Xtra Stressgard Liquid Fungicide program encourages the development of a thick, vigorous turf stand that is better able to tolerate various stresses (including heat, humidity, drying winds, traffic, etc.) that can have a negative effect on turf health. A thick, vigorous Signature Xtra Stressgard Liquid Fungicide treated turf is better able to resist disease development and suppress the development of other pests including weeds and algae.

**Summer Decline:** For control of summer decline caused by a complex of *Pythium* and *Rhizoctonia* diseases, Signature Xtra Stressgard Liquid Fungicide can be tank-mixed with the products listed below in accordance with the most restrictive of label limitations and precautions. **DO NOT** exceed label dosage rates. This product cannot be mixed with any product containing a label prohibition against such mixing.

**Anthracnose:** For improved control of anthracnose Signature Xtra Stressgard Liquid Fungicide can be tank-mixed with the products listed below in accordance with the most restrictive of label limitations and precautions. A preventative, multi-application program must be started prior to the appearance of the disease and the conditions favorable to anthracnose.

**Bentgrass Dead Spot:** For control of bentgrass dead spot, Signature Xtra Stressgard Liquid Fungicide can be tank-mixed with the products listed below in accordance with the most restrictive of label limitations and precautions. A preventative, multi-application program must be started prior to the appearance of the disease and the conditions favorable for development of bentgrass.

| PRODUCT <sup>2</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | DISEASE                                                                                                                                                                                | APPLICATION INTERVAL (Days) <sup>1</sup> |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|
| <p>Signature Xtra Stressgard Liquid Fungicide at 2.25 - 4.5 fl oz/1000 sq ft (3.25 - 6.5 lbs ai/A)</p> <p>+</p> <p>26 GT (EPA Reg. # 101563-419; iprodione) or Interface Stressgard (EPA Reg. # 101563-421; iprodione and trifloxystrobin)</p> <p>or</p> <p>Tartan Stressgard (EPA Reg. # 101563-113; triadimefon and trifloxystrobin)</p> <p>or</p> <p>Mirage Stressgard (EPA Reg. # 101563-152; tebuconazole)</p> <p>or</p> <p>Daconil Ultrex (EPA Reg. # 100-1694; chlorothalonil) or Daconil Action (EPA Reg. # 100-1364; acibenzolar-s-methyl and chlorothalonil)</p> <p>or</p> <p>Mancozeb</p> | <p>Summer Decline (<i>Pythium</i> and <i>Rhizoctonia</i> spp.) and/or Anthracnose (<i>Colletotrichum graminicola</i>) and/or Bentgrass Dead Spot (<i>Ophiosphaerella agrostis</i>)</p> | 7 - 14 days                              |
| <p>Signature Xtra Stressgard Liquid Fungicide at 2.25 - 4.5 fl oz/1000 sq ft (3.25 - 6.5 lbs ai/A)</p> <p>+</p> <p>Interface Stressgard (EPA Reg. # 101563-421; iprodione and trifloxystrobin)</p> <p>or</p> <p>Daconil Ultrex (EPA Reg. # 100-1694; chlorothalonil)</p>                                                                                                                                                                                                                                                                                                                             | <p>Leaf Spots<br/>Bermudagrass Decline</p>                                                                                                                                             |                                          |

\*Apply after damage has occurred.

\*\*Stress management not applicable for use in California.

<sup>1</sup>Signature Xtra Stressgard Liquid Fungicide has a plant health component that is used for the prevention or alleviation of stress from non-optimal solar radiation and other oxidative processes on turfgrasses. Begin preventative applications prior to the occurrence of adverse weather conditions and repeat at prescribed intervals. Use higher rates prior to the onset of severe stress. Signature Xtra Stressgard Liquid Fungicide does not replace the use of soil amending adjuvants for soil hydrophobicity and must be used in conjunction with best turf management practices.

<sup>2</sup>See tank mix partner product labels for suggested rate structure for each disease listed when tank mixing with Signature Xtra Stressgard Liquid Fungicide.

## STORAGE AND DISPOSAL

**DO NOT** contaminate water, food, or feed by storage and disposal.

### PESTICIDE STORAGE

Store in original container and keep tightly closed when not in use. Store in a cool dry place. Avoid cross-contamination with other pesticides.

### PESTICIDE DISPOSAL

Pesticides wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be used according to label instructions, contact your State Pesticide or Environmental Control Agency or Hazardous Waste representative at the nearest EPA regional office for guidance in proper disposal methods.

### CONTAINER HANDLING

**Rigid Non-refillable Containers that are too large to shake (i.e., with capacities greater than 5 gallons or 50 lbs.)**

Non-refillable container. **DO NOT** reuse or refill this container. Refer to **Bottom Discharge IBC** or **Top Discharge IBC, Drums, Kegs** information as follows.

#### **Bottom Discharge IBC (e.g. – Schuetz Caged IBC or Snyder Square Stackable)**

Pressure rinsing the container before final disposal is the responsibility of the person disposing of the container. To pressure rinse the container before final disposal, empty the remaining contents from the IBC into application equipment or mix tank. Raise the bottom of the IBC by 1.5 inches on the side which is opposite of the bottom discharge valve to promote more complete product removal. Completely remove the top lid of the IBC. Use water pressurized to at least 40 PSI to rinse all interior portions. Continuously pump or drain rinsate into application equipment or rinsate collection system while pressure rinsing. Continue pressure rinsing for 2 minutes or until rinsate becomes clear. Replace the lid and close bottom valve.

Once container is rinsed, offer for recycling if available or puncture and dispose of in a sanitary landfill or by incineration.

#### **Top Discharge IBC, Drums, Kegs (e.g. – Snyder 120 Next Gen, Bonar B120, Drums, Kegs)**

Triple rinsing the container before final disposal is the responsibility of the person disposing of the container. To triple rinse the container before final disposal, empty the remaining contents from this container into application equipment or mix tank. Fill the container at least 10 percent full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Rinse all interior surfaces. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this procedure two more times.

Once container is rinsed, offer for recycling if available or puncture and dispose of in a sanitary landfill or by incineration.

#### **Rigid Non-refillable containers with capacities smaller or equal to 5 gallons**

### **PLASTIC CONTAINERS:**

Non-refillable container. **DO NOT** reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying.

Envu and the Envu logo are trademarks and Interface®, Mirage®, Tartan®, Stressgard® and Signature™ are trademarks owned by Environmental Science U.S., LLC or one of its affiliates.  
Daconil® Action™, and Daconil Ultrex® are trademarks of a Syngenta Group Company.  
Fore® and Rainshield® are registered trademarks of UPL Ltd. or an affiliate.

**PRODUCED FOR**  
**Environmental Science U.S., LLC**  
**5000 CentreGreen Way, Suite 400**  
**Cary, NC 27513**



# SIGNATURE<sup>TM</sup> Stressgard<sup>®</sup> Liquid

## Fungicide

**A plant health promoting systemic fungicide.**

**ACTIVE INGREDIENT:**

Aluminum tris (O-ethyl phosphonate) ..... 42.40%

**OTHER INGREDIENTS:** ..... 57.60%

**TOTAL:** ..... 100.0%

Signature Xtra Stressgard Liquid Fungicide is an oil dispersant that contains:  
4.25 lbs Aluminum tris (O-ethyl phosphonate) per U.S. gallon

**EPA Reg. No. 101563-228**

**EPA Est. No.**

## KEEP OUT OF REACH OF CHILDREN CAUTION

See Back Panel for First Aid Instructions and Booklet for Complete  
Precautionary Statements and Directions for Use.

For MEDICAL and TRANSPORTATION Emergencies **ONLY** Call 24 Hours A Day 1-800-424-9300.  
For PRODUCT USE Information Call 1-800-331-2867.

**D00001488**

DPM00002330A 260401AV1

**Net Contents:**

**98 Fl Oz**

**envu<sup>TM</sup>**

**PRODUCED FOR**  
**Environmental Science U.S., LLC**  
**5000 CentreGreen Way, Suite 400**  
**Cary, NC 27513**

PULL HERE TO OPEN

