



# Safety Data Sheet

Issue Date: no data available

Revision Date: 29-May-2015

Version: 1.01

## 1. IDENTIFICATION

**Product Identifier:**

**Product Name:** Truban® 25 EC  
**Product Number(s):** E950441  
**Formula No.:** S13360

**Recommended Use of the Chemical and Restrictions on Use:**

**Description:** Fungicide

**Company:**

Everris NA Inc.  
P.O. Box 3310  
Dublin, OH 43016  
EPA Registration No.: 58185-8

**24-HOUR EMERGENCY TELEPHONE NUMBERS:**

CHEMTREC (U.S.): 1-800-424-9300  
CHEMTREC (International): 1-703-527-3887  
Non-Emergency Calls: 1-800-492-8255

## 2. HAZARD(S) IDENTIFICATION

This product is regulated by the Environmental Protection Agency (EPA). For label precautionary text, see Section 15.

**OSHA Regulatory Status:** This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Acute toxicity - Oral	Category 4
Acute toxicity - Inhalation (Dusts/Mists)	Category 4
Carcinogenicity:	Category 2
Flammable liquids	Category 3

**Label Elements:**

### Emergency Overview

**Warning**

**Hazard Statements:**

Harmful if swallowed  
HARMFUL IF INHALED  
Suspected of causing cancer  
Flammable liquid and vapor



**Appearance:** liquid

**Physical State:** liquid

**Odor:**

Petroleum

**Precautionary Statements - Prevention**

Obtain special instructions before use  
 Do not handle until all safety precautions have been read and understood  
 Use personal protective equipment as required  
 Wash face, hands and any exposed skin thoroughly after handling  
 Do not eat, drink or smoke when using this product  
 Avoid breathing dust/fume/gas/mist/vapors/spray  
 Use only outdoors or in a well-ventilated area  
 Keep away from heat/sparks/open flames/hot surfaces. — No smoking  
 Keep container tightly closed  
 Ground/bond container and receiving equipment  
 Use explosion-proof electrical/ventilating/lighting/ - /equipment  
 Use only non-sparking tools  
 Take precautionary measures against static discharge

**Precautionary Statements - Response**

IF exposed or concerned: Get medical advice/attention  
 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower  
 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing  
 IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell  
 Rinse mouth  
 In case of fire: Use CO2, dry chemical, or foam for extinction

**Precautionary Statements - Storage**

Store locked up  
 Store in a well-ventilated place. Keep cool

**Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

**Hazards Not Otherwise Classified (HNOC):****Other Information:**

- May be harmful in contact with skin
- Very toxic to aquatic life with long lasting effects

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

Ingredients	CAS-No	Weight %	Trade Secret
Inert Ingredients	PROPRIETARY	75	*
Etridiazole	2593-15-9	25	*

\* The exact percentage (concentration) of composition has been withheld as a trade secret.

**4. FIRST-AID MEASURES****First Aid Measures:****Eye Contact:**

If in eyes, hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing. Call a poison control center or doctor for treatment advice.

**Skin Contact:**

If on skin or clothing, take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

**Inhalation:** Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.

**Ingestion:** 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 a poison control center or doctor. Do not give anything by mouth to an unconscious person.

**Indication of Any Immediate Medical Attention and Special Treatment Needed:**

**Notes to Physician:** Do not induce vomiting: contains petroleum distillates and/or aromatic solvents. Aspiration may cause pulmonary oedema and pneumonitis.

## 5. FIRE-FIGHTING MEASURES

**Suitable extinguishing media:** Water spray, carbon dioxide, dry chemical, chemical foam.

**Unsuitable extinguishing media:** High volume water jet.

**Specific hazards:** Risk of ignition. Combustible material.

**Hazardous Combustion Products:** Combustion can produce toxic fumes and irritating gases.

**Explosion Data:**

**Sensitivity to Mechanical Impact:**

no data available.

**Sensitivity to Static Discharge:**

no data available.

**Special Protective Equipment for Firefighters:** As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

## 6. ACCIDENTAL RELEASE MEASURES

**Personal Precautions, Protective Equipment and Emergency Procedures:**

**Personal Precautions:** Wear personal protective equipment. Avoid contact with skin, eyes and clothing. Do not breathe vapors/dust. Do not ingest.

**Environmental Precautions:** Prevent product from entering drains. Avoid subsoil penetration.

**Methods and Material for Containment and Cleanup:**

**Methods for containment:** Extinguish all ignition sources. Absorb with inert material and dispose of in accordance with label instructions.

**Methods for Cleanup:** If material is uncontaminated, collect and reuse as recommended for product. If material is contaminated, put in appropriate container and dispose. Detergent and water.

## 7. HANDLING AND STORAGE

**Precautions for Safe Handling:**

**Handling:** Avoid container breakage. Avoid inhalation or contact with skin, eyes, or clothing. Do not contaminate water sources when disposing of equipment wash waters. Keep out of lakes, streams or ponds.

**Conditions for Safe Storage, Including any Incompatibilities:**

**Storage:** Keep containers tightly closed in a dry, cool and well-ventilated place. Store away from heat or open flame. Do not contaminate water, food, or feed by storage or disposal. Keep out of reach of children and domestic animals.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control Parameters:

### Exposure Guidelines:

Ingredients	CAS-No	ACGIH:	OSHA:	IDLH:
Inert Ingredients	PROPRIETARY	Not Listed	Not Listed	Not Listed
Etridiazole	2593-15-9	Not Listed	Not Listed	Not Listed

### Appropriate Engineering Controls:

**Engineering Measures to Reduce Exposure:** Use adequate ventilation to keep the airborne concentrations of this material below the recommended exposure standard.

### Individual Protection Measures, Such as Personal Protective Equipment:

**Eye/Face Protection:** Safety glasses with side shields or goggles.

**Skin and Body Protection:** Wear long-sleeve shirt, pants, shoes with socks, and gloves. Chemical resistant gloves. Chemical-resistant apron.

**Respiratory Protection:** When workers are facing concentrations above the exposure limit they must use appropriate certified respirators. NIOSH-approved respirator with and organic-vapor removing cartridge with a prefilter approved for pesticides (MSHA/NIOSH TC-23C), or a canister approved pesticides (NSHA/NIOSH TC-14G) or a NIOSH approved respirator with OV cartridge with any N, R, P, or HE prefilter.

**General hygiene considerations:** Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. 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.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Physical and Chemical Properties:

**Physical State:** liquid  
**Color:** Yellowish  
**Odor:** Petroleum

**Appearance:** liquid  
**Odor** No information available  
**Threshold:**

<u>Property</u>	<u>Values</u>	<u>Remarks: • Method</u>
<b>pH:</b>	4.27-5	
<b>Melting Point/Freezing Point:</b>	No information available	
<b>Boiling Point/Range:</b>	No information available	
<b>Flash Point:</b>	43.33 °C 110 °F	Cleveland closed cup
<b>Evaporation Rate:</b>	No information available	
<b>Flammability (solid, gas):</b>	No information available	
<b>Flammability Limits in Air:</b>		
<b>Upper Flammability Limit:</b>	No information available	
<b>Lower Flammability Limit:</b>	No information available	
<b>Vapor Pressure:</b>	No information available	
<b>Vapor Density:</b>	No information available	
<b>Specific Gravity:</b>	No information available	

<b>Solubility:</b>	slightly soluble
<b>Solubility in other Solvents:</b>	No information available
<b>Partition Coefficient:</b>	No information available
<b>Autoignition Temperature:</b>	No information available
<b>Decomposition Temperature:</b>	No information available
<b>Kinematic Viscosity:</b>	No information available
<b>Dynamic Viscosity:</b>	No information available
<b>Explosive Properties:</b>	No information available
<b>Oxidizing Properties:</b>	Not considered an oxidizer

**Other Information:**

<b>Softening Point:</b>	No information available
<b>Molecular Weight:</b>	No information available
<b>VOC Content (%):</b>	No information available
<b>Density:</b>	No information available
<b>Bulk density:</b>	No information available

**10. STABILITY AND REACTIVITY**

<b>Reactivity:</b>	Stable under normal conditions
<b>Chemically Stable:</b>	yes.
<b>Conditions to Avoid:</b>	Take precautionary measures against static discharges. Extreme heat. Contact with strong alkalis, oxidizers, and reducing agents. Strong oxidizing agents.
<b>Materials to avoid</b>	Strong acids, bases, oxidizers, and reducing agents.
<b>Hazardous Decomposition Products:</b>	Contact with acids liberates very toxic gas.
<b>Possibility of Hazardous Reactions:</b>	No information available.

**11. TOXICOLOGICAL INFORMATION****Information on the Likely Routes of Exposure (inhalation, ingestion, skin and eye contact):**

<b>Eye effects:</b>	Moderate eye irritation, Rabbit
<b>Skin effects:</b>	Slight irritation, Rabbit
<b>Ingestion:</b>	Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.
<b>Inhalation:</b>	May cause irritation of respiratory tract.

**Component Information:****Information on Toxicological Effects:****Delayed and Immediate Effects as well as Chronic Effects from Short and Long-Term Exposure:**

<b>Sensitization:</b>	No sensitization, Guinea pig
<b>Mutagenic effects</b>	No information available.
<b>Carcinogenicity:</b>	This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.
<b>Reproductive Toxicity</b>	No information available.
<b>STOT - Single Exposure</b>	No information available.

**STOT - Repeated Exposure** No information available.  
**Aspiration Hazard** No information available.

**Numerical Measures of Toxicity - Product Information:**

The following values are calculated based on chapter 3.1 of the GHS document: .

**ATEmix (oral):** 2000 mg/kg  
**ATEmix (dermal):** 4400 mg/kg  
**ATEmix (inhalation-dust/mist)** 2 mg/l  
**LD50/oral:** 2.404 g/kg Rat  
**LD50/dermal:** > 5.0 g/kg Rabbit  
**LC50/inhalation:** > 2.06 mg/l (Vapor) Rat

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity:**

**Unknown Aquatic Toxicity:** 75% of the mixture consists of components(s) of unknown hazards to the aquatic environment

**Ecotoxicity effects:** Very toxic to aquatic life with long lasting effects.

**Persistence and degradability:** Inherently biodegradable. Non-persistent.

**Mobility:** Water contaminating.

**Additional ecological information:** 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 cleaning equipment or disposing of equipment washwaters. Etridiazole can contaminate surface water through spray drift. Under some conditions, etridiazole may have a high potential for runoff into surface water for several weeks postapplication. These conditions include poorly draining or wet soils with readily visible slopes toward adjacent surface water, frequently flooded areas, areas overlaying extremely shallow ground water, areas with in-field canals or ditches that drain to surface water, areas not separated from adjacent waters with vegetated filter strips, and areas overlaying tile drainage systems that drain surface water.

## 13. DISPOSAL CONSIDERATIONS

**Waste Treatment Methods:**

**Disposal of Wastes:** Pesticide, spray mixture or rinse water that cannot be used according to label instructions must be disposed of according to applicable Federal, State or local procedures.

**Contaminated Packaging:** Nonrefillable container. Do not reuse this container to hold materials other than pesticides or dilute pesticides (rinsate). After emptying and cleaning, it may be allowable to temporarily hold rinsate or other pesticide-related materials in the container. Contact your state regulatory agency to determine allowable practices in your state. Triple rinse container promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling if available, reconditioning if appropriate; or puncture and dispose of in a sanitary landfill or by incineration, or if allowed by State and local authorities, by burning. If burned, stay out of smoke.

## 14. TRANSPORT INFORMATION

The description shown may not apply to all situations. Consult 49 CFR, or appropriate dangerous goods regulations for additional description requirements (e.g. technical name) and mode-specific or quantity-specific shipping requirements.

<b>DOT (Land)</b>	Not regulated
<b>DOT (AIR)</b>	UN1268, Petroleum Distillates, n.o.s., 3, PGIII, LTD QTY
<b>DOT (Vessel)</b>	UN1268, Petroleum Distillates, n.o.s., 3, PGIII, LTD QTY
<b>IATA (Air)</b>	UN1268, Petroleum Distillates, n.o.s., 3, PGIII
<b>IMO/IMDG (Vessel)</b>	UN1268, Petroleum Distillates, n.o.s., 3, PGIII, Marine Pollutant, LTD QTY

## 15. REGULATORY INFORMATION

### Federal Regulations:

#### **SARA 313:**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

#### **SARA 311/312 Hazard Categories:**

<b>Acute health hazard</b>	No
<b>Chronic Health Hazard</b>	No
<b>Fire hazard</b>	No
<b>Sudden release of pressure hazard</b>	No
<b>Reactive Hazard</b>	No

#### **CWA (Clean Water Act):**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

#### **CERCLA:**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

### State Regulations (RTK):

#### **California Proposition 65:**

California Proposition 65:

WARNING: This product contains chemicals known to the State of California to cause cancer or birth defects or other reproductive harm.

<b>Component</b>	<b>California Proposition 65:</b>
Etridiazole	carcinogen, initial date 10/1/94
2593-15-9 ( 25 )	

#### **U.S. State Right-to-Know Regulations:**

#### **U.S. EPA Label information:**

#### **EPA Pesticide Registration Number:**

58185-8

**EPA Statement:**

This chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets, and for workplace labels of non-pesticide chemicals. Following is the hazard information as required on the pesticide label:

**EPA Pesticide label:**

KEEP OUT OF THE REACH OF CHILDREN

CAUTION. Harmful if swallowed. Causes moderate eye irritation. Avoid contact with skin, eyes or clothing.

<b>16. OTHER INFORMATION</b>
------------------------------

**NFPA:**      Health: 3                      Flammability: 2                      Reactivity: 1

**HMIS:**      Health: 3                      Flammability: 2                      Reactivity: 1

**Revision Date:**                      29-May-2015

**Revision Note:**

**Reason for revision:**              None

**Disclaimer**

This information contained herein is, to the best of Everris' knowledge and belief, accurate and reliable as of the date of preparation of this document. However, no warranty or guarantee, express or implied, is made as to the accuracy or reliability, and Everris shall not be liable for any loss or damage arising out of the use thereof. No authorization is given or implied to use any patented invention without a license. In addition, Everris shall not be liable for any damage or injury resulting from abnormal use, from any failure to adhere to recommended practices or from any hazards inherent in the nature of the product.

**End of Safety Data Sheet**