MATERIAL SAFETY DATA SHEET

Date stamp: 25-Apr-2012 **MSDS Ref. No.:** E957001 **Revision Number:** 1

1. PRODUCT AND COMPANY IDENTIFICATION

Product name: Truban® 30 WP (30% Wettable Powder)
Description: Fungicide

Company
Everris NA Inc.
P.O. Box 3310
Dublin, OH 43016

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

EPA Registration No.: 58185-7
Formula No.: S5223
Product Number(s): E957001

2. HAZARDS IDENTIFICATION

Labelling

Signal word: WARNING

Precautionary Statements Causes substantial but temporary eye injury. Do not get in eyes, on skin, or clothing. Keep out of reach of children.

Potential health effects

Eye contact: Contact with eyes may cause irritation.
Skin contact: Irritating to skin. May cause sensitization by skin contact.
Ingestion: Moderately toxic if swallowed. Possible gastrointestinal tract irritation.
Inhalation: May cause irritation of respiratory tract.

Aggravated Medical Conditions: Inhalation of dust may aggravate asthma. Pre-existing dermatitis or sores.
Principle routes of exposure: Skin, Inhalation, Ingestion, Eyes
Target organ effects: Irritation. Liver damage.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	CAS-No	Weight %
Inert Ingredients	PROPRIETARY	70
Etridiazole	2593-15-9	30

4. 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.

Ingestion: Call a physician or Poison Control Centre immediately. Have person sip a glass of water if able to swallow. Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person.

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.

5. FIRE-FIGHTING MEASURES

Flammable properties: Non-flammable.
Suitable extinguishing media: Water spray. Dry chemical. Foam. Carbon dioxide (CO_2).
Explosion potential: Dust at sufficient concentrations may form explosive mixtures with air.
Hazardous combustion products: Combustion can produce toxic fumes and irritating gases.
Fire fighting procedures: Select appropriate method to surround and extinguish fire.

5. FIRE-FIGHTING MEASURES

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: Avoid contact with skin, eyes and clothing.
Environmental precautions: Prevent product from entering drains.
Methods for containment: Vacuum or sweep up material and place in a disposal container.
Methods for cleaning up: If material is uncontaminated, collect and reuse as recommended for product. If material is contaminated, put in appropriate container and dispose.

7. HANDLING AND STORAGE

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.

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

Ingredients	ACGIH:	OSHA:
Etridiazole	Not Listed	Not Listed

Engineering controls Use adequate ventilation to keep the airborne concentrations of this material below the recommended exposure standard

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 breaks and immediately after handling the product
Precautions: Running water/eye wash station should be available.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Solid
Bulk density: 41 lbs/cu ft
Solubility: No information available
Color: Tan
Appearance: Powder

10. STABILITY AND REACTIVITY

Chemically Stable: Yes.
Conditions to avoid Extreme heat. Contact with strong alkalies, oxidizers, and reducing agents.
Materials to avoid: Strong acids, bases, oxidizers, and reducing agents.
Hazardous decomposition products: Combustion may produce irritating gases and vapors.
Possibility of hazardous reactions: Poses little or no immediate hazard.

11. TOXICOLOGICAL INFORMATION

Acute toxicity

LD50/oral: 1077 mg/kg, g/kg, rat
LD50/dermal: 1370 mg/kg, rat
LC50/inhalation: >200 mg/L , rat

Eye effects: Contact with eyes may cause irritation
Skin effects: Primary skin irritant/rabbit: Non-irritant.
Sensitization: May cause sensitization by skin contact

Chronic toxicity
Carcinogenic effects: The table below indicates whether each agency has listed any ingredient as a carcinogen .

Ingredients	NTP:	IARC:	OSHA:
Etridiazole	Not listed	Not listed	Not listed

Ingestion: Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.
Inhalation: May cause irritation of respiratory tract.
Target organ effects: Irritation. Liver damage.

12. ECOLOGICAL INFORMATION

Ecotoxicity effects: Toxicity to fish.
Persistence and degradability: Inherently biodegradable. Non-persistent.
Bioaccumulative potential: Does not bioaccumulate.
Mobility: Water contaminating.
Aquatic toxicity: Toxic to fish.
Additional ecological information: Do not contaminate water sources when disposing of equipment washwaters.

13. DISPOSAL CONSIDERATIONS

Waste Disposal Methods: If empty, do not reuse container. Dispose of in accordance with local regulations. Do not place product down any indoor or outdoor drain.
Contaminated packaging: Empty containers can be landfilled, when in compliance with the local regulations .

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.

DOT (Land) Not DOT regulated
DOT (AIR) Not DOT regulated
DOT (Vessel) UN3077, Environmentally Hazardous Substance, n.o.s., (etridiazole), solid, 9, PGIII, Marine Pollutant

15. REGULATORY INFORMATION

Ingredients	CAS-No	CERCLA/SARA 313	CERCLA/SARA 302
Etridiazole	2593-15-9	Not Listed	Not Listed

General Information Contact local authorities for disposal of large quantities of product.

16. OTHER INFORMATION

NFPA: **Health:** 3 **Flammability:** 0 **Reactivity:** 1

HMIS: **Health:** 3 **Flammability:** 0 **Reactivity:** 1

Hazard Rating: 0=Least; 1-Slight; 2=Moderate; 3=High; 4=Severe

EPA FIFRA Comment: Use of this product is regulated by the U.S. Environmental Protection Agency (EPA) through the approved product label. It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

General comment: This document contains health, safety, and environmental information useful to emergency response agencies, health care providers, manufacturers, and workers/employees. It does not replace the precautionary language, use directions, or the storage and disposal information found on the product label.

Additional Information: 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.