



Safety Data Sheet

Issue Date: no data available

Revision Date: 29-May-2015

Version: 1.01

1. IDENTIFICATION

Product Identifier:

Product Name: Truban® 30 WP (30% Wettable Powder)
Product Number(s): E957001
Formula No.: S5223

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.: 58185-7

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

Label Elements:

Emergency Overview

Warning

Hazard Statements:

Harmful if swallowed
HARMFUL IF INHALED
Suspected of causing cancer



Appearance: powder

Physical State: Solid

Odor:

Fertilizer

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

Precautionary Statements - Response

IF exposed or concerned: Get medical advice/attention
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

Precautionary Statements - Storage

Store locked up

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	70	*
Etridiazole	2593-15-9	30	*

* 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: Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media: Water spray. Dry chemical. Foam. Carbon dioxide (CO2).

Unsuitable extinguishing media: High volume water jet.

Specific hazards: No information available.

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: Avoid dust formation. Sweep up material and place in disposal container.

Methods for Cleanup: Dispose of contaminated material as hazardous waste.

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:	Solid	Appearance:	powder
Color:	Tan	Odor	No information available
Odor:	Fertilizer	Threshold:	

<u>Property</u>	<u>Values</u>	<u>Remarks: • Method</u>
pH:	4.27-5	
Melting Point/Freezing Point:	No information available	
Boiling Point/Range:	No information available	
Flash Point:	No information available	
Evaporation Rate:	No information available	
Flammability (solid, gas):	No information available	
Flammability Limits in Air:		
Upper Flammability Limit:	No information available	
Lower Flammability Limit:	No information available	
Vapor Pressure:	No information available	
Vapor Density:	No information available	
Specific Gravity:	No information available	
Solubility:	Highly soluble (>80%)	
Solubility in other Solvents:	No information available	
Partition Coefficient:	No information available	
Autoignition Temperature:	No information available	
Decomposition Temperature:	No information available	
Kinematic Viscosity:	No information available	
Dynamic Viscosity:	No information available	
Explosive Properties:	No information available	
Oxidizing Properties:	Not considered an oxidizer	

Other Information:

Softening Point: No information available
Molecular Weight: No information available
VOC Content (%): No information available
Density: No information available
Bulk density: 41 lbs/cu ft

10. STABILITY AND REACTIVITY

Reactivity: Stable under normal conditions

Chemically Stable: yes.

Conditions to Avoid: Take precautionary measures against static discharges. Extreme heat. Contact with strong alkalis, oxidizers, and reducing agents. Strong oxidizing agents.

Materials to avoid Strong acids, bases, oxidizers, and reducing agents.

Hazardous Decomposition Products: Contact with acids liberates very toxic gas.

Possibility of Hazardous Reactions: Poses little or no immediate hazard.

11. TOXICOLOGICAL INFORMATION

Information on the Likely Routes of Exposure (inhalation, ingestion, skin and eye contact):

Eye effects: Contact with eyes may cause irritation

Skin effects: Primary skin irritant/rabbit: Non-irritant

Ingestion: Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Inhalation: 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:

Sensitization: May cause sensitization by skin contact

Mutagenic effects No information available.

Carcinogenicity: This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

Reproductive Toxicity No information available.

STOT - Single Exposure 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): 1667 mg/kg
ATEmix (dermal): 3667 mg/kg
ATEmix (inhalation-dust/mist) 1.7 mg/l
LD50/oral: 1077 mg/kg g/kg Rat
LD50/dermal: 1370 mg/kg Rat

LC50/inhalation: > 200 mg/l Rat

12. ECOLOGICAL INFORMATION

Ecotoxicity:

Unknown Aquatic Toxicity: 70% 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 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 or refill this container. Offer for recycling, if available. Dispose of empty container 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.

DOT (Land)	Not regulated
DOT (AIR)	Not regulated
IATA (Air)	UN3077, Environmentally Hazardous Substance, solid, n.o.s. (etridiazole), 9, PGIII
IMO/MDG (Vessel)	UN3077, Environmentally Hazardous Substance, solid, n.o.s. (etridiazole), 9, 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:

Acute health hazard	No
Chronic Health Hazard	No
Fire hazard	No
Sudden release of pressure hazard	No
Reactive Hazard	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.

Component

Etridiazole
2593-15-9 (30)

California Proposition 65:

carcinogen, initial date 10/1/94

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

U.S. EPA Label information:

EPA Pesticide Registration Number:

58185-7

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
WARNING! Causes substantial but temporary eye injury. Do not get in eyes or on clothing.

16. OTHER INFORMATION

NFPA: Health: 3 Flammability: 0 Reactivity: 1

HMS: Health: 3 Flammability: 0 Reactivity: 1

Revision Date: 29-May-2015

Revision Note:
Reason for revision: None

Disclaimer

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End of Safety Data Sheet