

# Safety Data Sheet

Original Issue Date 18-Dec-2013

Last Revision Date 05-Apr-2024

Version: 1

## Section 1: IDENTIFICATION: PRODUCT IDENTIFIER AND CHEMICAL IDENTITY

### Product identifier

**Product Name** ProTurf 20-0-7+9CaO+3MgO; 2-3M  
**Product ID** 4133-125HV

### Other means of identification

**Proper shipping name:** Not regulated

**Safety data sheet number** 4133-125HV

### Recommended use of the chemical and restrictions on use

**Recommended Use** Fertilizer (PC12).

**Uses Advised Against** None

### Details of manufacturer or importer

#### Manufacturer

Everris Australia Pty Ltd, 211/33 Lexington Drive, Bella Vista, NSW 2153, Australia. Tel: +61(2) 8801 3300

**E-mail address** INFO-RA@ICL-GROUP.COM

#### Emergency telephone number

Australia: (02) 8014 4558

New Zealand: (09) 9929 1483

## Section 2: HAZARD(S) IDENTIFICATION

### GHS Classification

Mixture

Not a hazardous substance or mixture in Australia or New Zealand according to the Globally Harmonized System of classification.

### Label elements

#### **Hazard statements**

Not a hazardous substance or mixture in Australia or New Zealand according to the Globally Harmonized System of classification.

#### Other hazards which do not result in classification

Causes mild skin irritation

## Section 3: COMPOSITION AND INFORMATION ON INGREDIENTS IN ACCORDANCE WITH SCHEDULE 8

### Substance

Chemical name	CAS No.	EC No (EU Index No)	Weight-%	Classification according to Regulation (EC) No. 1272/2008 [CLP]	REACH registration number
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Sulphur; S	7704-34-9	231-722-6 (016-094-00-1)	1 - 5%	Skin Irrit. 2 (H315)	01-2119487295-27
Biuret; C <sub>6</sub> H <sub>8</sub> O <sub>7</sub>	108-19-0	203-559-0	0.1 - 1%	Eye Irrit. 2 (H319) Skin Irrit. 2 (H315) STOT SE 3 (H335)	Not available
Non-hazardous Ingredients		Proprietary		Balance	

97% of the other ingredients are determined not be hazardous.

## Section 4: FIRST AID MEASURES

### Description of first aid measures

<b>General advice</b>	First aid measures should be executed by trained personnel only.
<b>Inhalation</b>	Remove to fresh air. In the case of inhalation of aerosol/mist consult a physician if necessary. Possible symptoms are coughing and/or dyspnoea. If breathing is difficult, give oxygen.
<b>Eye contact</b>	Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.
<b>Skin Contact</b>	Wash skin with soap and water. Get medical attention if irritation develops and persists.
<b>Ingestion</b>	Clean mouth with water and drink afterwards plenty of water. Possible symptoms are nausea and/or vomiting. If a person vomits when lying on his back, place him in the recovery position. Do not induce vomiting without medical advice. Consult a physician if necessary.

### Most important symptoms and effects, both acute and delayed

<b>Symptoms</b>	no data available.
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### Indication of any immediate medical attention and special treatment needed

<b>Note to physicians</b>	Treat symptomatically.
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## Section 5: FIREFIGHTING MEASURES

### Suitable Extinguishing Media

<b>Suitable Extinguishing Media</b>	CO <sub>2</sub> , dry chemical, dry sand, alcohol-resistant foam.
<b>Unsuitable extinguishing media</b>	Do not scatter spilled material with high pressure water streams. Dry chemical. Foam.

### Special protective actions for fire-fighters

<b>Special protective equipment for fire-fighters</b>	Coordinate fire extinguishing measures to fire in surrounding area.
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## Section 6: ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures

<b>Personal precautions</b>	Ensure adequate ventilation. Avoid generation of dust.
<b>For emergency responders</b>	Use personal protection recommended in Section 8.

**Environmental precautions**

**Environmental precautions** Do not flush into surface water or sanitary sewer system. Prevent product from entering drains. See Section 12 for additional Ecological Information.

**Methods and material for containment and cleaning up**

**Methods for containment** Prevent further leakage or spillage if safe to do so.

**Methods for cleaning up** Pick up and transfer to properly labeled containers.

**Section 7: HANDLING AND STORAGE, INCLUDING HOW THE CHEMICAL MAY BE SAFELY USED****Precautions for safe handling**

**Advice on safe handling** Handle in accordance with good industrial hygiene and safety practice. Do not eat, drink or smoke when using this product. Use personal protection equipment.

**Conditions for safe storage, including any incompatibilities**

**Storage Conditions** Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Keep container closed when not in use. Keep in a dry, cool and well-ventilated place. Protect from sunlight.

**Incompatible materials** None known based on information supplied.

**Section 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION****Control parameters****Appropriate engineering controls**

**Engineering Controls** Showers  
Eyewash stations  
Ventilation systems

**Individual protection measures, such as personal protective equipment**

**Eye/face Protection** Wear safety glasses with side shields (or goggles).

**Skin and body protection:** Lightweight protective clothing.

**Hand Protection** Nitrile rubber. Break though time >8h.

**Environmental exposure controls** no data available.

**Section 9: PHYSICAL AND CHEMICAL PROPERTIES****Information on basic physical and chemical properties**

**Physical state** Solid  
**Appearance:** Granules  
**Color:** Various  
**Odor:** Fertilizer.

pH	No data available
Melting Point/Freezing Point:	No data available
Boiling Point/Range:	No data available
Flash Point:	No data available
Evaporation Rate:	no data available
Flammability (solid, gas):	Non-flammable
Vapor Pressure:	No data available
Vapour density	No data available
Water Solubility:	no data available
Partition Coefficient:	no data available
Autoignition Temperature:	No data available
Hyphen	no data available
Kinematic Viscosity:	No data available
Dynamic Viscosity:	no data available
<b>Other information</b>	
Softening Point:	no data available
Molecular Weight:	no data available
VOC content	No data available
Particle Size	No data available
Particle Size Distribution	No data available

## Section 10: STABILITY AND REACTIVITY

### Reactivity

Not reactive.

### Chemical stability

Stable under normal conditions.

### Possibility of hazardous reactions

None under normal processing.

### Hazardous Decomposition Products:

Thermal decomposition can lead to release of irritating and toxic gases and vapors.

### Conditions to Avoid:

For quality reasons: Keep out of reach of direct sunlight, store under dry conditions, partly used bags should be closed well.

### Incompatible materials

None known based on information supplied.

### Hazardous decomposition products

None known based on information supplied.

## Section 11: TOXICOLOGICAL INFORMATION

### Acute toxicity

### Information on likely routes of exposure

#### Product Information

**Inhalation** May cause irritation of respiratory tract.

**Eye contact** May cause redness, itching, and pain.

**Skin Contact** May cause irritation.

**Ingestion** Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea

**Symptoms** no data available.

#### Numerical measures of toxicity - Product Information

**Unknown acute toxicity** 0 % of the mixture consists of ingredient(s) of unknown toxicity

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Sulphur; S	> 3000 mg/kg ( Rat )	> 2000 mg/kg ( Rabbit )	> 9.23 mg/L ( Rat ) 4 h
Biuret; C <sub>6</sub> H <sub>8</sub> O <sub>7</sub>	14300 - 15000 mg/kg ( Rat )	-	-

See section 16 for terms and abbreviations

#### Delayed and Immediate Effects as well as Chronic Effects from Short and Long-Term Exposure:

**skin corrosion/irritation** Classification based on individual ingredients of the mixture.

**Serious eye damage/eye irritation** Classification based on individual ingredients of the mixture.

**Respiratory or skin sensitization** Classification based on individual ingredients of the mixture.

**Germ Cell Mutagenicity** Classification based on individual ingredients of the mixture.

**Carcinogenicity** Classification based on individual ingredients of the mixture.

**Reproductive Toxicity** Classification based on individual ingredients of the mixture.

**STOT - Single Exposure** Classification based on individual ingredients of the mixture.

**STOT - Repeated Exposure** Classification based on individual ingredients of the mixture.

**Aspiration Hazard** Classification based on individual ingredients of the mixture.

## Section 12: ECOLOGICAL INFORMATION

### Ecotoxicity

**Ecotoxicity** Do not allow product to enter the environment uncontrolled.

**Unknown aquatic toxicity** 0 % of the mixture consists of component(s) of unknown hazards to the aquatic environment.

Chemical name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Sulphur; S	-	LC50: =866mg/L (96h, Brachydanio rerio) LC50: <14mg/L (96h, Lepomis macrochirus) LC50: >180mg/L (96h, Oncorhynchus mykiss)	-	-

**Persistence and degradability**

**Persistence and Degradability:** no data available.

**Bioaccumulative potential**

**Bioaccumulation** No information available.

**Mobility**

**Mobility in soil** no data available.

**Mobility** no data available.

**Other adverse effects**

**Other adverse effects** No information available.

**Section 13: DISPOSAL CONSIDERATIONS****Waste Treatment Methods:**

**Waste from residues/unused products** Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.

**Contaminated packaging** Do not reuse empty containers.

**Section 14: TRANSPORT INFORMATION**

**ADG** Not regulated

**IATA** Not regulated

**IMDG** Not regulated

**Bulk transport according Annex II of MARPOL and IBC Code**  
no data available

**Section 15: REGULATORY INFORMATION****Safety, health and environmental regulations/legislation specific for the substance or mixture****National regulations****New Zealand:**

**Hazardous Substances Regulations** Not regulated

**Australia**

See section 8 for national exposure control parameters

**International Inventories:**

**TSCA**

This product complies with USINV

**ENCS**

This product complies with encs:

**Australian Inventory of Chemical Substances**

This product does not comply with AICS

**Legend:****TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory**EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances**AICS** - Australian Inventory of Chemical Substances**International Regulations****The Montreal Protocol on Substances that Deplete the Ozone Layer** Not applied**The Stockholm Convention on Persistent Organic Pollutants** Not applicable**The Rotterdam Convention** Not applicable**Section 16: ANY OTHER RELEVANT INFORMATION****Prepared by** Regulatory Affairs Department (INFO-MSDS@EVERRIS.COM)**Original Issue Date** 18-Dec-2013**Last Revision Date** 05-Apr-2024**Revision Note** Not applied**Key or legend to abbreviations and acronyms used in the safety data sheet**

ADG: Australian Dangerous Goods code

RID: Regulations Concerning the International Transport of Dangerous Goods by Rail

ICAO: International Civil Aviation Organization

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonized System of Classification and Labeling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

PNEC: Predicted No Effect Concentration

DNEL: Derived No-Effect Level

REACH: Registration, Evaluation, Authorization of Chemicals

CLP: EU-GHS; Classification, Labelling and Packaging

OEL: Occupational Exposure Limit

TWA: Time Weighted Average

ATE: Acute Toxicity Estimate

EUH phrase: CLP (EU) specific hazard statement

LD50: Lethal dose, 50%.

LC50: Lethal concentration, 50%.

SVHC: Substance of Very High Concern.

**Legend Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

TWA TWA (time-weighted average)

STEL

STEL (Short Term Exposure Limit)

Ceiling Maximum limit value

Sk\*

Skin designation

**Disclaimer**

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**End of Safety Data Sheet**