

# MATERIAL SAFETY DATA SHEET

According to EC Regulation 1907/2006 (Reach), Regulation EU No. 453/2010

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## 1. Identification of the Substance/Preparation and of the Company/Undertaking

### Identification of the substance or preparation

MSDS Ref. No.: 5212.01.25  
Product Name: Greenmaster Zero Phosphate

### Relevant identified uses of the substance or mixture and uses advised against

#### Recommended Use

Fertilizer. Restricted to professional users.

#### Uses advised against

Consumer use.

### Company/undertaking identification

Everris International BV  
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#### Emergency telephone number:

+44 1235 239 670 (24h)

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## 2. Hazards Identification

### Classification

#### Indication of danger:

This product does not have to be classified according to the EU regulations (1999/45/EC)

## 3. Composition/information on Ingredients

### Chemical nature of the preparation

Ingredients	CAS-No	Weight %	EC-No.	Classification	Classification according to Regulation (EC) No. 1272/2008 [CLP]	REACH registration number
Sand	14808-60-7	10 - 25%	238-878-4	NE	no data available	Exempt
Magnesite, MgCO <sub>3</sub>	546-93-0	1 - 5%	208-915-9	NE	no data available	01-2119523999-20

Talc	14807-96-6	1 - 5%	NE	NE	no data available	Exempt
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NE = Non-Established.

For the full text of the R phrases mentioned in this Section, see Section 16

Full text of H- and EUH-phrases: see section 16

## 4. First aid measures

### 4.1. Description of first aid measures

**General advice:** In the case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

**Ingestion:** Rinse mouth. Do NOT induce vomiting. If symptoms persist, call a physician.

**Inhalation:** Move person to fresh air. If symptoms persist, call a physician.

**Skin contact:** Wash off immediately with soap and plenty of water. Remove and wash contaminated clothing before re-use. If symptoms persist, call a physician.

**Eye contact:** Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If symptoms persist, call a physician.

**Protection of first-aiders:** Low hazard for usual industrial or commercial handling.

**Notes to physician:** Artificial respiration and/or oxygen may be necessary.

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

None under normal processing

### 4.3. Indication of any immediate medical attention and special treatment needed

None under normal processing

## 5. Fire-fighting measures

### Suitable extinguishing media:

Coordinate fire extinguishing measures to fire in surrounding area.

### Unsuitable extinguishing media:

High volume water jet.

### Special exposure hazards arising from the substance or preparation itself, its combustion products, or released gases:

Thermal decomposition can lead to release of irritating gases and vapours. Danger of toxic gases in smoke in case of fire.\*\*\*

### Special protective equipment for firefighters:

Use personal protective equipment. In the event of fire, wear self-contained breathing apparatus.

### Specific methods:

Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

## 6. Accidental release measures

### Personal Precautions:

Use personal protective equipment.

**Environmental Precautions:**

Do not allow material to contaminate ground water system. Do not flush into surface water or sanitary sewer system. Local authorities should be advised if significant spillages cannot be contained.

**Methods for cleaning up:**

Avoid dust formation. Sweep up and shovel into suitable containers for disposal.

## 7. Handling and Storage

**Handling:****Technical measures/precautions:**

Ensure adequate ventilation.

**Safe handling advice:**

Handle in accordance with good industrial hygiene and safety practice. When using do not eat or drink. Do not smoke. Wash hands and exposed skin after use / handling.

**Storage:****Technical measures/storage conditions:**

Store in original container. Keep tightly closed in a dry and cool place. Keep away from food, drink and animal feeding stuffs. Protect from extreme temperatures.

**Incompatible products:**

No information available

**Specific use(s):**

Fertilizer.

## 8. Exposure Controls/Personal Protection

**Engineering measures to reduce exposure:**

Personal protective equipment is not normally required - gloves can be worn for personal hygiene. In case of accidental spillage of bulk product, wear personal protective equipment appropriate to the task (see below).

**Occupational exposure controls****Personal Protective Equipment****Respiratory Protection:**

Effective dust mask.

**Hand protection:**

Protective gloves. Nitrile rubber.

**Eye/face Protection**

Safety glasses with side-shields.

**Skin and body protection:**

Lightweight protective clothing. Rubber or plastic boots.

**Hygiene measures**

When using, do not eat, drink or smoke. Wash hands before stopping and immediately after handling. Remove and wash contaminated clothing before re-use.

**Exposure Limit Values**Sand

ACGIH:

0.025 mg/m<sup>3</sup> TWA

Australia TWA

0.1 mg/m<sup>3</sup> TWA respirable dust

Austria - MAKs

0.15 mg/m<sup>3</sup> TWA yearly average, valid till 12/31/2013

Belgium - 8 Hr TWA

0.1 mg/m<sup>3</sup> TWA

Finland - Occupational Exposure Limits - 8 hour

0.05 mg/m<sup>3</sup> TWA

France INRS (VME)

0.1 mg/m<sup>3</sup> TWA restrictive limit

Netherlands - OEL - MACs:	0.075 mg/m <sup>3</sup> TWA
Norway - 8 h:	0.1 mg/m <sup>3</sup> TWA
Portugal - TWAs	0.025 mg/m <sup>3</sup> TWA
Spain - Valores Limite Ambientales - VLE	0.1 mg/m <sup>3</sup> TWA reclassified IARC group 2A to group 1
Sweden - OEL - 8 Hour	0.1 mg/m <sup>3</sup> LLV
UK EH40 WEL:	LTEL (8 Hr) 6 mg/m <sup>3</sup> (total inhalable dust) STEL (15 min) 2.4 mg/m <sup>3</sup> (total respirable dust)
<b><u>Magnesite, MgCO<sub>3</sub></u></b>	
OSHA:	15 mg/m <sup>3</sup> TWA 5 mg/m <sup>3</sup> TWA
Australia TWA	10 mg/m <sup>3</sup> TWA inhalable dust
Belgium - 8 Hr TWA	10 mg/m <sup>3</sup> TWA
France INRS (VME)	10 mg/m <sup>3</sup> TWA
UK EH40 WEL:	LTEL (8hr TWA) 10mg/m <sup>3</sup>
<b><u>Talc</u></b>	
ACGIH:	2 mg/m <sup>3</sup> TWA
Australia TWA	2.5 mg/m <sup>3</sup> TWA
Austria - MAKs	2 mg/m <sup>3</sup> TWA Asbestos-free fibers
Belgium - 8 Hr TWA	2 mg/m <sup>3</sup> TWA
Finland - Occupational Exposure Limits - 8 hour	0.5 fiber/cm <sup>3</sup> TWA
Germany TRGS900:	2 A mg/m <sup>3</sup>
Netherlands - OEL - MACs:	0.25 mg/m <sup>3</sup> TWA
Norway - 8 h:	6 mg/m <sup>3</sup> TWA 2 mg/m <sup>3</sup> TWA
Portugal - TWAs	2 mg/m <sup>3</sup> TWA
Spain - Valores Limite Ambientales - VLE	2 mg/m <sup>3</sup> TWA this value is for the particulate matter that is free from Asbestos and contains less than 1% of Crystalline silica
Sweden - OEL - 8 Hour	2 mg/m <sup>3</sup> LLV (total)
UK EH40 WEL:	1 mg/m <sup>3</sup> TWA

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### General information

<b>Color:</b>	light grey, beige
<b>Odor:</b>	Not significant

### Important Health Safety and Environmental Information

<b>Melting point/range:</b>	No information available
<b>Solubility:</b>	Partly soluble
<b>Vapour pressure</b>	No information available
<b>Vapour density</b>	No information available
<b>Explosive properties:</b>	Doesn't present explosion hazard
<b>Flammability (solid, gas):</b>	Non-flammable

### OTHER INFORMATION

<b>pH:</b>	No information available
<b>Bulk density:</b>	+/- 1000 kg/m <sup>3</sup>
<b>Viscosity</b>	not applicable

## 10. Stability and Reactivity

<b>Chemical stability</b>	Stable under recommended storage conditions
<b>Conditions to Avoid</b>	Nitrogen oxides (NOx).
<b>Incompatible Materials</b>	Strong oxidizing agents. Acids and bases. Strong reducing agents. Flammable materials.

**Hazardous Decomposition Products** No decomposition if stored normally.

**Hazardous reactions** The product itself does not burn.

## 11. Toxicological Information

### Component Information

*Sand*

**LD50/oral/rat =** N.A.

### Product Information

#### Local effects

**Skin effects:** May cause skin irritation in susceptible persons.

**Eye effects:** Contact with eyes may cause irritation.

**Inhalation** May cause sensitization by inhalation.

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

## 12. Ecological Information

### Product Information

**Aquatic toxicity:** No ecological information is known on the product.

**Persistence and degradability** No persistent or cumulative effects were observed

**Bioaccumulative potential** Does not bioaccumulate

**Mobility in soil** No information available

### Component Information

*Sand*

Ecotoxicity effects No information available

*Talc*

Ecotoxicity effects No information available

## 13. Disposal Considerations

**Waste Disposal Methods:** Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of in accordance with local regulations and national regulations. Dispose of in accordance with local regulations.\*\*\*

**Contaminated packaging:** Do not re-use empty containers. Dispose of as unused product. In accordance with local and national regulations.

## 14. Transport Information

### Product Information

<b>Physical state:</b>	solid
<b>ADR/RID UN-No:</b>	Not classified for transport
<b>IATA UN-No:</b>	Not classified for transport
<b>IMO / IMDG UN-No:</b>	Not classified for transport

## 15. Regulatory information

### Indication of danger:

This product does not have to be classified according to the EU regulations (1999/45/EC)

### **In accordance with local and national regulations**

**ICPE (FR):** Not Applicable

## 16. OTHER INFORMATION

### Text of R Phrases mentioned in Section 3

None

**Reason for revision:** \*\*\* Indicates changes since the last revision. This version replaces all previous versions

**Revision Date:** 26-Jun-2013

**Prepared by:** Regulatory Affairs Department (INFO-MSDS@EVERRIS.COM)

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**End of Safety Data Sheet**