

# 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.: 5200.01.25  
Product Name: Sportsmaster 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  
Nijverheidsweg 1-5; 6422 PD Heerlen (NL)  
Tel: +31 (0) 45-5609100; Fax: +31 (0) 45-5609190

#### Emergency telephone number:

+44 1235 239 670 (24h)

#### Email

INFO-MSDS@EVERRIS.com

## 2. Hazards Identification

### Classification

#### Indication of danger:

The product is classified and labelled in accordance with Directive 1999/45/EC.

**Xi**



#### R-phrases

R41 - Risk of serious damage to eyes

#### S -phrase(s)

S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice

S39 - Wear eye/face protection

### 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
Single Super Phosphate; SSP	8011-76-5	10 - 25%	232-379-5	Xi;R41	Eye Dam. 1 (H318)	01-2119488967-11-0003
Iron sulphate, FeSO <sub>4</sub> +1H <sub>2</sub> O	7720-78-7	5 - 10%	231-753-5	Xn; R22 Xi; R36/38	Skin Irrit. 2 (H315) Eye Irrit. 2 (H319) Acute Tox. 4 (H302)	01-2119513203-57
Magnesite, MgCO <sub>3</sub>	546-93-0	1 - 5%	208-915-9	NE	no data available	01-2119523999-20

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 to fresh air. If symptoms persist, call a physician.

**Skin contact:** Remove and wash contaminated clothing before re-use.

**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. Use dry chemical, CO<sub>2</sub>, water spray or "alcohol" foam.\*\*\*

#### 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. When using 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. Protect from extreme temperatures.

**Incompatible products:**

No information available

## 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**

Tightly fitting safety goggles.

**Skin and body protection:**

Lightweight protective clothing.

**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**Iron sulphate, FeSO<sub>4</sub>·1H<sub>2</sub>O

Belgium - 8 Hr TWA

1 mg/m<sup>3</sup>

Finland - Occupational Exposure Limits - 8 hour

1 mg/m<sup>3</sup>

Netherlands - OEL - MACs:

1 mg/m<sup>3</sup>

Norway - 8 h:

0.01 mg/m<sup>3</sup>

UK EH40 WEL:

LTEL (8 hr TWA) 1 mg/m<sup>3</sup>STEL (15 min) 2mg/m<sup>3</sup>Magnesite, MgCO<sub>3</sub>

OSHA:

15 mg/m<sup>3</sup> TWA5 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>**9. PHYSICAL AND CHEMICAL PROPERTIES****General information**

**Color:** beige  
**Odor:** Not significant

**Important Health Safety and Environmental Information**

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

**OTHER INFORMATION**

**pH:** 4-6  
**Bulk density:** 900 - 1100 kg/m<sup>3</sup>  
**Viscosity:** not applicable

**10. Stability and Reactivity**

**Chemical stability:** Stable under recommended storage conditions

**Conditions to Avoid:** Nitrogen oxides (NO<sub>x</sub>).

**Incompatible Materials:** Strong oxidizing agents. Acids and bases. Strong reducing agents. Flammable materials.

**Hazardous Decomposition Products:** Thermal decomposition can lead to release of irritating gases and vapours. Burning produces obnoxious and toxic fumes.\*\*\*

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

**11. Toxicological Information****Component Information**Iron sulphate, FeSO<sub>4</sub>·1H<sub>2</sub>O**LD50/oral/rat =** 1389 mg/kg

**Product Information****Local effects****Skin effects:**

May cause skin irritation in susceptible persons.

**Eye effects:**

Irritating to eyes.

**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***Iron sulphate, FeSO<sub>4</sub>+1H<sub>2</sub>O*

Ecotoxicity effects

EC50/48h/daphnia =&gt;100mg/l1

**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****Physical state:**

solid

**ADR/RID****UN-No:**

Not classified for transport

**IATA****UN-No:**

Not classified for transport

**IMO / IMDG****UN-No:**

Not classified for transport

## 15. Regulatory information

**Indication of danger:**

The product is classified and labelled in accordance with Directive 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**

R22 - Harmful if swallowed

R41 - Risk of serious damage to eyes

R36/38 - Irritating to eyes and skin

**Full text of H-Statements referred to under sections 2 and 3**

H302 - Harmful if swallowed

H318 - Causes serious eye damage

H315 - Causes skin irritation

H319 - Causes serious eye irritation

**Reason for revision:**

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

**Revision Date:**

26-Jun-2013

**Prepared by:**

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**End of Safety Data Sheet**