



Material Safety Data Sheet

According to EC Regulation 1907/2006

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1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

Identification of the substance or preparation

MSDS Ref. No.: 4004.02.08
Product name: Osmoform® 18+5+13+2MgO

Use of the Substance/Preparation

Recommended use: Granulated fertilizer

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

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

Most important hazards

None
Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical nature of the preparation

Components	CAS-No	Weight %	EC-No.	Classification
Talc	14807-96-6	1 - 5%	NE	NE
Sand	14808-60-7	5 - 10%	238-878-4	NE

The product contains no substances known to be hazardous to health in concentrations which need to be taken into account.

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

4. FIRST AID MEASURES

General advice:	Possible symptoms are coughing and/or dyspnoea. If symptoms persist, call a physician.
Ingestion:	If conscious, drink plenty of water. Do not induce vomiting. Rinse mouth. Consult a physician if necessary.
Inhalation:	Dusty conditions are unlikely if product is used as intended. However, if prolonged inhalation of dust occurs, remove casualty to fresh air. If symptoms persist, call a physician.
Skin contact:	If a person feels unwell or symptoms of skin irritation appear, consult a physician. Rinse with plenty of water.
Eye contact:	Rinse eyes with water as a precaution. If eye irritation persists, consult a specialist***

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media:

Coordinate fire extinguishing measures to fire in surrounding area

Unsuitable extinguishing media:

No information available

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.

Special protective equipment for firefighters:

Wear self contained breathing apparatus for fire fighting if necessary.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions:

Avoid dust formation. Sweep-up to prevent slipping hazard.

Environmental precautions:

Prevent product from entering drains. Do not contaminate surface water.

Methods for cleaning up:

Shovel or sweep up.

7. HANDLING AND STORAGE

Handling:**Technical measures/precautions:**

Avoid dust formation.

Safe handling advice:

Keep away from flammable material. When using do not eat or drink.

Storage:

Technical measures/storage conditions:

Keep away from heat and sources of ignition. Keep away from food, drink and animal feeding stuffs. For quality reasons: Keep out of reach of direct sunlight, store under dry conditions, partly used bags should be closed well. Keep at temperatures between 0 °C and 40 °C .

Incompatible products:

Oxidising and spontaneously flammable products

Specific use(s):

Granulated fertilizer.

Packaging material:

Plastic bags, Bags or Bulk

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering measures to reduce exposure:

Ensure adequate ventilation.

Occupational exposure controls**Personal protective equipment****Respiratory protection:**

Not applicable.

Hand protection:

PVC or other plastic material gloves.

Eye/face protection

Safety glasses.

Skin and body protection:

Not applicable.

Hygiene measures

Follow good housekeeping practices. When using, do not eat, drink or smoke. Keep away from food, drink and animal feeding stuffs.

Exposure limit values*Talc*

Belgium - 8 Hr VLE
Czech Republic OEL

2 mg/m³ TWA
= 10 mg/m³ TWA
= 2.0 mg/m³ TWA
0.5 fibers/cm³ TWA

Finland - Occupational Exposure Limits - 8 hour

5 mg/m³ TWA

Germany TRGS900:

2 A mg/m³

Netherlands - OEL - MACs:

0.25 mg/m³ TWA

Portugal - TWAs

2 mg/m³ TWA

Spain - Valores Limite Ambientales - VLE

2 mg/m³ VLA-ED

Sweden - OEL - 8 Hour

1 mg/m³ LLV

UK EH40 WEL:

2 mg/m³ LLV

1 mg/m³ TWA

Sand

Belgium - 8 Hr VLE

0.1 mg/m³ TWA

Finland - Occupational Exposure Limits - 8 hour

0.5 mg/m³ TWA

France INRS (VME)

0.1 mg/m³ VME

Netherlands - OEL - MACs:

0.075 mg/m³ TWA

Norway - 8 h:

0.1 mg/m³ TWA

0.3 mg/m³ TWA

Portugal - TWAs

0.025 mg/m³ TWA

Spain - Valores Limite Ambientales - VLE

0.1 mg/m³ VLA-ED

Sweden - OEL - 8 Hour

0.1 mg/m³ LLV

UK EH40 WEL:

LTEL (8 Hr) 6 mg/m³ (total inhalable dust)

STEL (15 min) 2.4 mg/m³ (total respirable dust)

9. PHYSICAL AND CHEMICAL PROPERTIES

General Information

Physical State: Solid
Color: Brown
Odor: No information available

Important Health Safety and Environmental Information

Solubility: Coating not soluble, release nutrients through coating
Explosive properties: Doesn't present explosion hazard
Flammability (solid, gas): Non-flammable

Other information

Oxidising properties: Incompatible with oxidising agents.

10. STABILITY AND REACTIVITY

Stability: Stable under recommended storage conditions.
Conditions to avoid: Keep away from open flames, hot surfaces and sources of ignition.
Materials to avoid: Strong oxidising agents.
Hazardous decomposition products: No decomposition if stored normally. Thermal decomposition can lead to release of irritating gases and vapours.

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: May cause eye irritation with susceptible persons
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.

Water Endangering Class (WGK): 1 (Scotts classification)***

Component information**13. DISPOSAL CONSIDERATIONS**

Waste Disposal Methods: Use up product completely. Packaging material is industrial waste.

Contaminated packaging: Empty containers can be landfilled, when in compliance with the local 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.

R52/53 - Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

16. OTHER INFORMATION**Text of R Phrases mentioned in Section 3**

None

16. OTHER INFORMATION

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

Prepared by: Regulatory Affairs Department.

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End of Safety Data Sheet