

## **MATERIAL SAFETY DATA SHEET**

### **MAGNESIUM SULPHATE DRIED (Anhydrous) MSDS CAS : 15244-36-7**

#### **Section 1: Chemical Product and Company Identification**

##### **Section 1: Chemical Product**

**Product Name :** MAGNESIUM SULPHATE DRIED (Anhydrous)

**CAS#:** 15244-36-7

**C.I. No.:** Not available.

**Synonym :** Not available.

**Chemical Name:** Not available.

**Chemical Formula:** Not available.

**Brand:** OXFORD

##### **Details Of The Supplier Of The Safety Data Sheet:**

**Company identification:** OXFORD LAB FINE CHEM LLP  
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#### **Section 2: Composition and Information on Ingredients**

##### **Composition:**

Name	CAS #	% by Weight
MAGNESIUM SULPHATE DRIED	15244-36-7	100

## Section 3: Hazards Identification

### Classification of the substance or mixture

**Classification according to Regulation (EC) No 1999/45**  
Not classified.

**Hazard Class and Category Code(s), Regulation (EC) No 1272/2008 (CLP)**  
Not classified.

**Other hazards** : The substance does not fulfil the criteria to be identified as PBT substance or vPvB substance according to Annex XIII of Regulation REACH.

## Section 4: First Aid Measures

### Description of first aid measures

#### **Inhalation**

Assure fresh air breathing. Allow the victim to rest.

#### **Skin contact**

Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.

#### **Eye contact**

Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persist.

**Ingestion** : Obtain emergency medical attention. Do NOT induce vomiting. Rinse mouth.

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

**Symptoms relating to use** : Not expected to present a significant hazard under anticipated conditions of normal use.

### **Indication of any immediate medical attention and special treatment needed**

**General information** : Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

## Section 5: Fire and Explosion Data

### Extinguishing media

#### Extinguishing media

**Suitable extinguishing media** : Foam. Dry powder. Carbon dioxide. Water spray. Sand.

**Unsuitable extinguishing media** : Do not use a heavy water stream.

**Surrounding fires** : Use water spray or fog for cooling exposed containers.

#### Special hazards arising from the substance or mixture

**Hazardous combustion products** : Under fire conditions, hazardous fumes will be present.

#### Advice for fire-fighters

**Protection against fire** : Do not enter fire area without proper protective equipment, including respiratory protection.

#### Special procedures

: Exercise caution when fighting any chemical fire. Avoid (reject) fire-fighting water to enter environment.

## Section 6: Accidental Release Measures

### Personal precautions, protective equipment and emergency procedures

**For emergency responders** : Equip cleanup crew with proper protection.  
Ventilate area.

**For non-emergency personnel** : Evacuate unnecessary personnel.

#### Environmental precautions

**Environmental precautions** : Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters.

### Methods and materials for containment and cleaning up

**Clean up methods** : On land, sweep or shovel into suitable containers. Minimize generation of dust. Store away from other materials.

### Reference to other sections

See section 8. Exposure controls/personal protection

## Section 7: Handling and Storage

### Precautions for safe handling

#### Handling

: Wash hands and other exposed areas with mild soap and water before eat, drink or smoke and when leaving work.

#### Technical protective measures

: Provide good ventilation in process area to prevent formation of vapour.

### Conditions for safe storage, including any incompatibilities

#### Storage

: Keep only in the original container in a cool, well ventilated place. Keep container tightly closed.

#### Storage - away from

: Strong bases. Strong acids. Sources of ignition. Direct sunlight.

### Specific end uses

#### Specific end use(s)

: None.

## Section 8: Exposure Controls/Personal Protection

### Personal protection

- Respiratory protection
- Hand protection
- Eye protection
- Others

: Avoid all unnecessary exposure.

: Wear approved mask.

: Wear protective gloves.

: Chemical goggles or safety glasses.

: When using, do not eat, drink or smoke.

### Control parameters

#### Occupational Exposure Limits

: No data available.

## Section 9: Physical and Chemical Properties

### Information on basic physical and chemical properties

#### Physical state at 20 °C

: Solid

#### Colour

: Colorless crystals

#### Odour

: Odorless

#### Odour threshold

: No data available.

#### pH value

: Not applicable.

## Section 9: Physical and Chemical Properties(Continued)

Melting point [°C]	: No data available.
Decomposition point [°C]	: >1500C
Critical temperature [°C]	: N/A
Auto-ignition temperature [°C]	: N/A
Flammability (solid, gas)	: N/A
Flash point [°C]	: N/A
Boiling point [°C]	: N/A
Initial boiling point [°C]	: N/A
Final boiling point [°C]	: N/A
Evaporation rate	: N/A
Vapour pressure [20°C]	: < 0.133 hPa at 20 °C
Vapour pressure mm/Hg	: N/A
Vapour density	: N/A
Density [g/cm <sup>3</sup> ]	: 1.678
Relative density, gas (air=1)	: N/A
Relative density, liquid (water=1)	: N/A
Solubility in water [% weight]	: 246.48 g/l at 20 °C
Solubility in water	: N/A
Log Pow octanol / water at 20°C	: No data available.
Solubility	: 5 - 8 at 50 g/l
Viscosity at 40°C [mm <sup>2</sup> /s]	: N/A

### Other information

Explosive properties	: N/A
Explosion limits - upper [%]	: N/A
Explosion limits - lower [%]	: N/A
Oxidising properties	: No data available.

## Section 10: Stability and Reactivity Data

### Reactivity

Reactivity : Not established.

### Chemical stability

## Section 10: Stability and Reactivity Data (Continued)

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

### Possibility of hazardous reactions

**Hazardous reactions** : Not established.

### Conditions to avoid

**Conditions to avoid** : Direct sunlight. Extremely high or low temperatures.

### Incompatible materials

**Materials to avoid** : Strong acids. Strong bases.

### Hazardous decomposition products

**Hazardous decomposition products** : Fumes. Carbon monoxide. Carbon dioxide.

## Section 11: Toxicological Information

### Information on toxicological effects

#### Acute toxicity

- |                        |   |
|------------------------|---|
| • Inhalation           | : Based on available data, the classification criteria are not met. |
| • Dermal               | : Based on available data, the classification criteria are not met. |
| • Ingestion            | : Based on available data, the classification criteria are not met. |
| Corrosion              | : Based on available data, the classification criteria are not met. |
| Irritation             | : Based on available data, the classification criteria are not met. |
| Sensitization          | : Based on available data, the classification criteria are not met. |
| Mutagenicity           | : Based on available data, the classification criteria are not met. |
| Carcinogenicity        | : Based on available data, the classification criteria are not met. |
| Toxic for reproduction | : Based on available data, the classification criteria are not met. |
| STOT-single exposure   | : Based on available data, the classification criteria are not met. |
| STOT-repeated exposure | : Based on available data, the classification criteria are not met. |
| Aspiration hazard      | : Based on available data, the classification criteria are not met. |

## Section 12: Ecological Information

### Toxicity

Toxicity information : Not established.

### Persistence – degradability

Persistence - degradability : Biodegradable.

### Bioaccumulative potential

Bioaccumulative potential : Not established.

### Mobility in soil

Mobility in soil : Not established.

### Results of PBT and vPvB assessment

Results of PBT and vPvB assessment : The substance does not fulfil the criteria to be identified as PBT substance or vPvB substance according to Annex XIII of Regulation REACH.

### Other adverse effects

Environmental precautions : Avoid release to the environment.

## Section 13: Disposal Considerations

### Waste treatment methods

General : Avoid release to the environment. Dispose in a safe manner in accordance with local/national regulations.

## Section 14: Transport Information

### Land transport (ADR-RID)

General information : Not regulated.

### Sea transport (IMDG) [English only]

General information : Not regulated.

### Air transport (ICAO-IATA) [English only]

General information : Not regulated.

## Section 15: Other Regulatory Information

### Safety, health and environmental regulations/legislation specific for the substance or mixture

Safety, health and environmental : Ensure all national/local regulations are observed.  
regulations/legislation specific for  
the substance or mixture

REACH Restrictions - Annex XVII : The components of this product are not subject to restrictions.

REACH Authorisation - Annex XIV : The components of this product are not subject to authorization.

### Chemical Safety Assessment

Chemical Safety Assessment : It has not been carried out.

## Section 16 - Additional Information

References: Not available.

Other Special Considerations: Not available.

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