

## **MATERIAL SAFETY DATA SHEET**

### **MAGNESIUM TRISILICATE Hydrate (Extra Pure)**

**MSDS CAS : 35365-87-2**

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

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

**Product Name : MAGNESIUM TRISILICATE Hydrate**

**CAS#: 35365-87-2**

**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**  
Unit. No. 12, 1st Floor, Neminath Industrial Estate No. 6,  
Navghar, Vasai (East). Palghar - 401 210.  
Mumbai, Maharashtra, INDIA.  
Tel: 91-250-2390989  
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#### **Section 2: Composition and Information on Ingredients**

##### **Composition:**

Name	CAS #	% by Weight
MAGNESIUM TRISILICATE Hydrate	35365-87-2	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

: White powder

#### 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]	: N/A
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]	: N/A
Vapour pressure mm/Hg	: N/A
Vapour density	: N/A
Density [g/cm <sup>3</sup> ]	: 2,5
Relative density, gas (air=1)	: N/A
Relative density, liquid (water=1)	: N/A
Solubility in water [% weight]	: N/A
Solubility in water	: N/A
Log Pow octanol / water at 20°C	: No data available.
Solubility	: N/A
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.



## ***Disclaimer:***

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