

## **MATERIAL SAFETY DATA SHEET**

### **BARIUM STEARATE (Extra Pure) MSDS CAS : 6865-35-6**

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

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

**Product Name : BARIUM STEARATE**

**CAS#: 6865-35-6**

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

**Synonym : Not available.**

**Chemical Name: Not available.**

**Chemical Formula: Ba(C<sub>18</sub>H<sub>35</sub>O<sub>2</sub>)<sub>2</sub>**

**Brand: OXFORD**

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

###### **Company identification:**

**OXFORD LAB FINE CHEM LLP**

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**Tel: 91-250-2390989**

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#### **Section 2: Composition and Information on Ingredients**

##### **Composition:**

Name	CAS #	% by Weight
<b>BARIUM STEARATE</b>	<b>6865-35-6</b>	<b>100%</b>

## 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 clean-up crew with proper protection.  
Ventilate area.

**Special precautions**

: No naked lights. No smoking.  
May cause fire or explosion; strong oxidizer.

**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.

## 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 closed when not in use..

#### 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 : Avoid all unnecessary exposure.
- Hand protection : Wear approved mask.
- Eye protection : Wear protective gloves.
- Others : Chemical goggles or safety glasses.
- Others : 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.

#### Color

: White to off white

#### Odor

: N/A

#### Odor threshold

: No data available.

#### pH value

: No data available.

#### Melting point [°C]

: 120 °C

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

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/cm3]	: 1,145
Relative density, gas (air=1)	: N/A
Relative density, liquid (water=1)	: N/A
Solubility in water [% weight]	: Insoluble in water
Solubility in water	: N/A
Log Pow octanol / water at 20°C	: No data available.
Solubility	: N/A
Viscosity at 40°C [mm2/s]	: N/A
Molecular Weight	: 704.28

### Other information

Explosive properties	: N/A
Explosion limits - upper [%]	: N/A
Explosion limits - lower [%]	: N/A
Oxidizing properties	: May cause fire or explosion; strong oxidizer.

## 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. Open flame. Overheating. Heat. Sparks.

### 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**

## Section 12: Ecological Information

### Toxicity

Toxicity information : Not established.

### Persistence – degradability

Persistence - degradability : Biodegradable.

### Bio accumulative potential

Bio accumulative 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)

General information : Not regulated.

### Air transport (ICAO-IATA)

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 Authorization - 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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