

**Material Safety Data Sheet**

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**MATERIAL SAFETY DATA SHEET**  
**BARIUM SULPHATE PRECIPITATED**

Sent to: Impact Test Equipment

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EUROLAB SUPPLIES LTD

UNIT 30

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**1. IDENTIFICATION OF CHEMICAL**

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**Chemical name:** BARIUM SULPHATE PRECIPITATED**CAS number:** 7727-43-7**EINECS number:** 231-784-4**Stock code:** CB0602

CH015

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**2. COMPOSITION**

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**3. HAZARD IDENTIFICATION**

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**Main hazards:** Harmful by inhalation and if swallowed.

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**4. FIRST AID MEASURES**

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**Skin contact:** In the case of skin contact, flood the splashed area with large quantities of running water.**Eye contact:** If the substance has entered the eyes, wash out with water or saline solution for at least 15 minutes.**Ingestion:** If the chemical has been confined to the mouth, give large quantities of water as a mouth wash. Ensure the mouth wash is not swallowed. If the chemical has been swallowed, give about 250ml water to dilute it in the stomach. In severe cases seek medical attention.**Inhalation:** Remove the casualty out of the danger area after first ensuring your own safety. Loosen the patient's clothing. If the casualty is unconscious, place in the recovery position and monitor breathing. Apply artificial respiration only if patient is not breathing. Seek medical attention when anyone has symptoms apparently due to swallowing or inhalation.

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**5. FIRE FIGHTING MEASURES**

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**Exposure hazards:** Material is not flammable.

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**Suitable extinguisher:** Use extinguishing media appropriate to the surrounding fire conditions.

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**6. ACCIDENTAL RELEASE MEASURES**

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**Personal protection:** Wear eye protection and gloves.

**Leaks & spills:** Sweep up spilled substance but avoid making dust. Transfer to a closable salvage container for disposal by an appropriate method or retain for recovery.

**Clean-up procedures:** Wash the spillage site with large amounts of water.

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**7. HANDLING AND STORAGE**

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**Handling requirements:** Wear eye protection and gloves.

**Storage precautions:** No special storage conditions.

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**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

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**Personal protection:** Wear eye protection and gloves.

**Exposure limits:** 2 mg/m<sup>3</sup> - TWA

**Toxicity:** No oral toxicity data available.

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**9. PHYSICAL AND CHEMICAL PROPERTIES**

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**Chemical formula:** Ba S O 4

**Appearance and odour:** heavy white powder.

**Solubility:** Insoluble in water, dilute acids, most organic solvents.

**Melting point/range°C:** 1580

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**10. STABILITY AND REACTIVITY**

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**11. TOXICOLOGICAL INFORMATION**

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**Health effects: Skin:** Irritating to the skin and can cause burns. Prolonged contact may cause dermatitis. Harmful if absorbed through the skin. Symptoms may include headache, drowsiness and cyanosis.

**Eyes:** Irritating to eyes and can cause burns.

**Inhalation:** Harmful if inhaled. Inhalation may affect the nervous system and cause blood disorders. May cause kidney, liver and brain damage.

**Ingestion:** Harmful if swallowed. If swallowed there is immediate severe irritation and symptoms of damage to the central nervous system. May cause asthma like symptoms, skin eruptions and swelling of the mucous membranes in sensitive individuals. Prolonged absorption can cause liver and kidney damage.

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**12. ECOLOGICAL EFFECTS**

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**Ecotoxicity:** Insignificant toxic hazard to aquatic organisms or fish.

**Persistence:** Not readily biodegradable.

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**Appraisal:** Data not available.

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**13. DISPOSAL CONSIDERATIONS**

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**Waste disposal:** May be disposed of by burial on a safe approved site.

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**14. TRANSPORT INFORMATION**

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**IMDG code**

**ADR / RID**

**IATA / ICAO**

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**15. REGULATORY INFORMATION**

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**Classification:** Harmful



**Risk phrases:** R20/22: Harmful by inhalation and if swallowed.

**Safety phrases:** S28: After contact with skin, wash immediately with plenty of...(to be specified by the manufacturer).

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**16. ADDITIONAL INFORMATION**

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**Legal disclaimer:** The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide.  
EUROLAB SUPPLIES LTD shall not be held liable for any damage resulting from handling or from contact with the above product.

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