



CNAS IB0071



NO.2615030001

SAFETY DATA SHEET

Product Name: Barium sulfate

Revision Date: 2015-03-23

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Shanghai Research Institute of Chemical Industry Testing Centre

Yichang ZonTay Chemical Co.,Ltd.

SAFETY DATA SHEET

Barium sulfate

SECTION1 PRODUCT AND COMPANY IDENTIFICATION

Product name: Barium sulfate
 Company: Yichang ZonTay Chemical Co.,Ltd.
 Address: Niejia River Industrial Park, Yidu City, Hubei Province, 443000, P.R. China
 Email: yichangzontaywm@163.com
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 Emergency Phone: +86-717-6302488
 SDS Number: 2615030001
 SDS Date: 2015-03-23

SECTION2 HAZARDS IDENTIFICATION

Hazards Identification:

According to GHS

Physical hazards:Not classified

Health hazards: Not classified

Environmental hazards: Not classified

Emergency Overview:

To the best of our knowledge, information and data, we have not yet known the health and environmental hazards.

SECTION3 INFORMATION ON INGREDIENTS

Product name: Barium sulfate

Ingredient	Concentration	CAS No.	EC No.
Barium sulfate	>90%	7727-43-7/13462-86-7	231-784-4/236-664-5

SECTION4 FIRST-AID MEASURES

Skin Exposure:

In case of contact, if feel unwell, call a physician.

Eye Exposure:

In case of contact with eyes, flush with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. If irritation persists, call a physician.

Inhalation Exposure:

If inhaled, remove to fresh air. If necessary, get medical attention.

Oral Exposure:

If swallowed, immediately wash out mouth with water provided person is conscious. Call a physician.

SECTION5 FIRE FIGHTING MEASURES**Extinguishing Media:**

Suitable: Water spray, Dry chemical, Carbon dioxide or appropriate foam.

Firefighting:

Protective Equipment: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

SECTION6 ACCIDENTAL RELEASE MEASURES**Procedure of Personal Precaution:**

Exercise appropriate precautions to minimize direct contact with skin or eyes and prevent inhalation of dust.

Methods for Cleaning up:

Sweep up with spade and transfer to a dry, clean, lidded container for disposal. Avoid raising dust. Ventilate area and wash spill site after material pickup is complete.

Environmental precautions:

Do not let product enter drains.

SECTION7 HANDLING AND STORAGE**Handling:**

Wear appropriate protective clothing and safety gloves. Avoid inhalation. Avoid formation of dust. Avoid contact with eyes, skin and clothing. Avoid prolonged or repeated exposure. Mechanical exhaust required. Keep away from ignition sources, heat and flame. Incompatibilities: Strong oxidizing agents, Aluminum, Phosphorus. No smoking at working site.

Storage:

Store in a cool, dry and well-ventilated area. Keep away from ignition sources, heat and flame. Store in a tightly closed container. Incompatibilities: Strong oxidizing agents, Aluminum, Phosphorus.

SECTION8 EXPOSURE CONTROL/PPE**Engineering Controls:**

Mechanical exhaust required. Safety shower and eye bath.

Personal Protective Equipment:

Respiratory: Government approved respirator.

Eye: Chemical safety goggles.

Clothing: Wear appropriate protective clothing.

Hand: Protective gloves.

Other Protect:

No smoking, drinking and eating at working site. Wash thoroughly after handling.



SECTION9 PHYSICAL/CHEMICAL PROPERTIES

Appearance: Off-white powder
Odor: Weak odor
Molecular Formula: BaO₄S
Molecular Weight: 233.39
Melting Point/°C: >350°C
pH Value: 7.8 (25°C, 50.0g/L)
Solubility: Weak soluble in water

SECTION10 STABILITY AND REACTIVITY

Stability: Stable under normal temperatures and pressures.
Conditions to Avoid: No data available.
Materials to Avoid: Strong oxidizing agents, Aluminum, Phosphorus.
Hazardous Polymerization: Will not occur.
Hazardous Decomposition Products: Sulphur oxides, Barium oxide.

SECTION11 TOXICOLOGICAL INFORMATION

Acute toxicity: No data available.
Skin corrosion/irritation: No data available.
Serious eye damage/irritation: No data available.

SECTION12 ECOLOGICAL INFORMATION

Toxicity: No data available.
Persistence and degradability: No data available.
Bioaccumulative potential: No data available.
Mobility in soil: No data available.

SECTION13 DISPOSAL CONSIDERATION

Appropriate Method of Disposal of Substance:
Contact a licensed professional waste disposal service to dispose of this material. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with and afterburner and scrubber. Observe all federal, state, and local environmental regulations.

SECTION14 TRANSPORT INFORMATION

RID/ADR: Non-Hazardous for Transport: This substance is considered to be non-hazardous for transport.
IATA: Non-Hazardous for Air Transport: Non-hazardous for air transport.
IMO: Non-Hazardous for Sea Transport: Non-hazardous for sea transport.

SECTION15 REGULATORY INFORMATION

Regulation (EC) No. 1272/2008 and the amendments:
Not classified.

SECTION16 OTHER INFORMATION

Date:

2015-03-23

Department:

Shanghai Research Institute of Chemical Industry Testing Centre
Tel (Fax): 8621-52815377/52800971/52807275/52811034/52569800

Revision:

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Other Information:

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