

Material Safety Data Sheet

Section 1: Chemical Product and Company Identification

Product Name: Barium Sulphate Precipitated

Chemical Name: Barium Sulphate Precipitated.

Chemical Formula: BaSO₄

Contact Information:

Xinji xibo Chemical Industry Co., Ltd.

Address: CHEMICAL INDUSTRY ZONE, XINJI CITY,052373 , HEBEI PROVINCE,CHINA

Contact: Amy Shang

Section 2: Composition and Information on Ingredients

Chemical Characterization: Barium sulphate Precipitated, >= 98 % CAS 7727-43-7, EINECS 231-782-4

Section 3: Hazards Identification

Mixture NOT yet classified according to Regulation This product contains no PBT/vPvB chemicals. The product is not considered hazardous according to the EEC directive 67/548/CE and the OSHA Hazard

Communication Standard 29 CFR 1910.1200. HMIS Ratings: Health: 1-Flammability: 0 -Reactivity: 0

Section 4: First Aid Measures

General indications : In case of contact with eyes flush with plenty of water

Section 5: Fire and Explosion Data

Suitable extinguishing media : No restrictions Special exposure hazards : NFPA Ratings: Health 1 -Flammability: 0 -Reactivity: 0

Section 6: Accidental Release Measures

Personal precautions : No further measures Environmental precautions : No further measures

Methods for cleaning up : Remove in the usual way or rinse away with water

Section 7: Handling and Storage

Safe handling advice : No special measures Storage conditions : Store in original containers in a dry and cool area. Incompatible products : No restrictions

Section 8: Exposure Controls/Personal Protection

Technical protective measures : Ensure adequate ventilation, especially in confined areas.

Components with workplace control parameters : Barium sulphate
TWA-Value: 4 mg/m³ air-borne fraction (general dust limit) TWA-Value: 1.5 mg/m³ general dust
limit (inhalable fraction). ACGIH Threshold Limit Values (USA): 10 mg/3

Personal protective equipment General protective measures : Keep away from foodstuffs and drinks. Do not eat, drink or smoke during work. Wash hands before breaks and at the end of the shift. Respiratory protection : If exposure limit is exceeded: Mask P3 (for solid and liquid particles DIN 3181). Hand protection : Protective gloves Protective glove material : Natural rubber (NR), polyvinyl chloride (PVC). Eye protection : Tightly fitting safety goggles. Body protection : Protective suit with long sleeves.

Section 9: Physical and Chemical Properties

Form: Powder
Color White
Odor Odorless

Melting temperature > 1350°C
Explosion risk Product does not present an explosion hazard.
Density 4.5 g/cm³ (15°C)
Bulk density 600 - 1000 kg/m³
Solubility in water insoluble
pH-Value 7
Particle size 0.7 (D50)

Section 10: Stability and Reactivity Data

Thermal decomposition/Conditions to be avoided : Stable if used according to specifications. Substances to be avoided : No information available. Hazardous decomposition products : Sulphur oxides, barium oxide.

Section 11: Toxicological Information

Acute toxicity LD₅₀, oral : > 2000 mg/kg (rat) Primary effects Irritant effect on skin : Causes mild skin irritation. Prolonged contact may cause dermatitis. Irritant effect on eyes : Dust may cause irritation of eyes, skin and respiratory tract. Irritating

Chronic toxicity : After inhalation: repeated exposure: 40 mg/m³ (rat), no effects observed. Further toxicological effects : Inhalation: Long-term overexposure can cause an overload of the lungs.

Section 12: Ecological Information

Elimination (Persistence and Degradability) : Method is not applicable for inorganic substances. Mobility and Bioaccumulation : Weak solubility and mobility. Ecological effects Aquatic

toxicity-Daphnia toxicity : EC50: 32 mg/l (48h, Daphnia magna)Further information

Water hazard class : 0

Section 13: Disposal Considerations

Product : Dispose of according to official national and local regulations. Uncleaned packaging :
Dispose of according to official local regulations. It's not hazardous article.

Section 14: Transport Information

Further information: The packing should be complete when start shipment, loading should be safe. Make sure that containers not leakage, collapse or fall, damage, etc. It is strictly prohibited that no combustible or fuel, reducing agent mixed loading. Transit should prevent sun, rain, and high temperature.The goods is not affected by the maritime authority management of Department.

Section 15: NON-HAZARDOUS Goods

According IMDG/IMO , this produce is non-hazardous goods

Section 16: Other Regulatory Information

Water hazard class: 0, not hazardous

Section 17: Other Information

This product should be stored, handled and used in accordance with good hygiene practices and in conformity with any legal regulations. This information contained herein is based on the present state of knowledge and is intended to describe our product from the point of view of safety requirements. It should be therefore not be construed as guaranteeing specific properties.

Section 18: term of validity

term of validity: 5years

Issue date: 2022.01.01

