

DALIAN F.T.Z.GREAT INDUSTRY & TRADE CO.,LTD.

1207A HUINENG BUILDING DALIAN F.T.Z. CHINA

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Material Safety Data Sheet

Sodium Bisulphate

Company Name: DALIAN F.T.Z.GREAT INDUSTRY & TRADE CO.,LTD.

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1. Product Identification

COMMODITY: SODIUM BISULPHATE

CAS No.: 7681-38-1

Formula: NaHSO₄

2. Composition/Information on Ingredients

Ingredient	CAS No
Sodium Bisulfate	7681-38-1

3. Hazards Identification

Harmful by inhalation, ingestion and skin contact.

Eye, skin and respiratory irritant. Prolonged or repeated exposure may cause allergic reaction

4. First Aid Measures

First Aid Skin Immediately remove contaminated clothing, including shoes.
Flush body with plenty of water for at least 15 minutes.

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5. Fire Fighting Measures

Fire:

Not considered to be a fire hazard.

Explosion:

Not considered to be an explosion hazard.

Fire Extinguishing Media:

Use any means suitable for extinguishing surrounding fire.

Special Information:

In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full facepiece operated in the pressure demand or other positive pressure mode.

6. Accidental Release Measures

Ventilate area of leak or spill. Wear appropriate personal protective equipment as specified in Section 8. Spills: Pick up and place in a suitable container for reclamation or disposal, using a method that does not generate dust. Cautiously spray residue with plenty of water.

7. Handling and Storage

Keep in a tightly closed container. Protect from physical damage. Store in a cool, dry, ventilated area away from sources of heat, moisture and incompatibilities. observe all warnings and precautions listed for the product.

8. Exposure Controls/Personal Protection

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Occupational Exposure Limits

No Exposure Limits Established

The control measures appropriate for a particular worksite depend on how this material is used and on the extent of exposure.

The best protection is to enclose operations and/or provide local exhaust ventilation at the site of chemical release.

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Use a non-sparking, grounded ventilation system separate from other exhaust ventilation systems. Exhaust directly to the outside.

Supply sufficient replacement air to make up for air removed.

Have a safety shower/eye wash fountain readily available in the immediate work area.

Personal Protection

If engineering controls and work practices are not effective in controlling this material, then wear suitable personal protection equipment, including chemical safety goggles & face shield, boots, imperious gloves, coveralls & respiratory protection.

Have appropriate equipment available for use in emergencies.

9. Physical and Chemical Properties

White odourless crystals or powder

Melting point ca. 180 deg C

PH (1.2% solution): 1.3

Solubility: 28g/100ml water

10. Stability and Reactivity

Conditions to Avoid In contact with water, an acid, corrosive solution is formed.

Incompatible Materials Acid solutions react with many metals forming hydrogen

11. Toxicological Information

Dust- very irritating to respiratory system and skin when wet.

12. Ecological Information

Properties similar to sulphuric acid

Daphnia magna CE50 48 hrs: 190mg/l

13. Disposal Considerations

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Disposal Method Product There are no uniform EC regulations for the disposal of Chemicals or residues.
Chemical residues generally count as special waste. The disposal of the latter is regulated in the EC member countries through corresponding laws and regulations. We recommend that you contact the authorities in charge or approved waste disposal companies with advise you on how to dispose of special waste.

Disposal Method Packaging Disposal in accordance with local legal provisions.

14. Transport Information

Suitable for any mode of transport including by Road, Rail, Sea & Air.

15. Regulatory Information

EEC Hazard Classification

Risk Phases

R41 Risk of serious damage to eyes

Safety Phases

S2 Keep out of reach of children

S24 Avoid contact with skin

S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advise

National Legislation

16. Other Information

Reason for Alteration: General update.

The information contained herein is based on the present state of our knowledge.

It characterizes the product with regard to the appropriate safety precautions.

It does not represent a guarantee of the propemess of the product.