

DSC Trading Co., Ltd.

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SAFETY DATA SHEET (SDS/MSDS)

SECTION 1: IDENTIFICATION

Product Name: Sodium Metabisulfite (SMBS)

CAS No.: 7681-57-4 | **EC No.:** 231-673-0

Recommended Use: Reducing agent, antioxidant, water treatment, preservative.

Company: DSC Trading Co., Ltd.

Emergency Contact: +86 18020070568

SECTION 2: HAZARDS IDENTIFICATION

GHS Classification:

- Acute toxicity, Oral (Category 4)
- Serious eye damage (Category 1)

Signal Word: Danger

Hazard Statements: H302: Harmful if swallowed. H318: Causes serious eye damage. EUH031: Contact with acids liberates toxic gas.

SECTION 4: FIRST AID MEASURES

Eye Contact: Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician immediately.

Skin Contact: Wash off with soap and plenty of water. Consult a physician.

Inhalation: If breathed in, move person into fresh air. If not breathing, give artificial respiration.

Ingestion: Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

SECTION 7: HANDLING AND STORAGE

Handling: Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Provide appropriate exhaust ventilation.

Storage: Store in a cool, dry, well-ventilated area. **Note:** Sensitive to air and moisture. Contact with acids releases toxic Sulfur Dioxide (SO₂) gas. Keep containers tightly closed.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance: White powder. **Odor:** Pungent, sulfur dioxide odor.

pH: 4.0 - 4.8 (5% solution). **Melting Point:** >150°C (Decomposes).

Solubility: 650 g/L in water (20°C).

SECTION 10: STABILITY AND REACTIVITY

Stability: Stable under recommended storage conditions.

Conditions to Avoid: Exposure to air, moisture, and heat.

Incompatible Materials: Strong oxidizing agents, strong acids, nitrates.

Decomposition Products: Sulfur oxides, Sodium oxides.

SECTION 14: TRANSPORT INFORMATION

DOT/IMDG/IATA: Not regulated as a dangerous good for transport under current regulations, provided packaging is intact.