

## Sodium Sulfite Safety Data Sheet (SDS)

### SECTION 1 — CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

#### Sodium Sulfite

Signal Word  
**WARNING**

Flinn Scientific, Inc. P.O. Box 219, Batavia, IL 60510 (800) 452-1261  
Chemtrec Emergency Phone Number: (800) 424-10366

Pictograms

### SECTION 2 — HAZARDS IDENTIFICATION

Hazard class: Acute toxicity, oral and inhalation (Category 5). May be harmful if swallowed or inhaled (H303+H333).



Hazard class: Serious eye damage or irritation (Category 2B). Causes eye irritation (H320).

### SECTION 3 — COMPOSITION, INFORMATION ON INGREDIENTS

Component Name	CAS Number	Formula	Formula Weight	Concentration
Sodium sulfite	7757-83-7	Na <sub>2</sub> SO <sub>3</sub>	126.05	

### SECTION 4 — FIRST AID MEASURES

Call a POISON CENTER or physician if you feel unwell.

**If inhaled:** Remove victim to fresh air and keep at rest in a position comfortable for breathing.

**If in eyes:** Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do so. Continue rinsing.

**If eye irritation persists eyes:** Get medical advice or attention (P337+P313).

**If on skin:** Wash with plenty of water.

**If swallowed:** Rinse mouth. Call a POISON CENTER or physician if you feel unwell.

### SECTION 5 — FIRE FIGHTING MEASURES

Nonflammable solid.

When heated to decomposition, may emit toxic fumes.

In case of fire: Use a tri-class dry chemical fire extinguisher.

NFPA Code  
None established

### SECTION 6 — ACCIDENTAL RELEASE MEASURES

Ventilate area. Sweep up, place in sealed bag or container and dispose. Wash spill site after material pickup is complete. See Sections 8 and 13 for further information.

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## **SECTION 7 — HANDLING AND STORAGE**

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Flinn Suggested Chemical Storage Pattern: Inorganic #2. Store with acetates, halides, sulfates, sulfites, thiosulfates and phosphates. Air and moisture sensitive. Keep container tightly closed. Store in a Flinn Chem-Saf™ bag. Store in a cool dark place.

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## **SECTION 8 — EXPOSURE CONTROLS, PERSONAL PROTECTION**

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Wear protective gloves, protective clothing, and eye protection. Wash hands thoroughly after handling (P264).

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## **SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES**

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White crystals or powder. Odorless. Specific gravity: 2.633  
Soluble: Water. Insoluble in alcohol.

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## **SECTION 10 — STABILITY AND REACTIVITY**

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Avoid contact with acids and strong oxidizers.  
Shelf life: Fair, moisture sensitive. See Section 7 for further information.

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## **SECTION 11 — TOXICOLOGICAL INFORMATION**

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Acute effects: Irritant. ORL-MUS LD<sub>50</sub>: 820 mg/kg  
Chronic effects: Possible mutagen. IHL-RAT LC<sub>50</sub>: N.A.  
Target organs: N.A. SKN-RBT LD<sub>50</sub>: N.A.

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## **SECTION 12 — ECOLOGICAL INFORMATION**

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Aquatic Toxicity: 2600 ppm / 24, 48, 96hr / mosquito fish / TLM / fresh water B.O.D.: 0.12 lb/lb instantaneous

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## **SECTION 13 — DISPOSAL CONSIDERATIONS**

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Please review all federal, state and local regulations that may apply before proceeding.  
Flinn Suggested Disposal Method #12b is one option.

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## **SECTION 14 — TRANSPORT INFORMATION**

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Shipping name: Not regulated. Hazard class: N/A. UN number: N/A.

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## **SECTION 15 — REGULATORY INFORMATION**

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TSCA-listed; EINECS-listed (231-821-4); RCRA code D003.

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## **SECTION 16 — OTHER INFORMATION**

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N.A. = Not available, not all health aspects of this substance have been fully investigated.

N/A = Not applicable

**Consult your copy of the Flinn Science Catalog/Reference Manual for additional information about laboratory chemicals.**

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