



# HI-VALLEY CHEMICAL

## LABORATORY PRODUCTS

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# SAFETY DATA SHEET

Hi Valley Chemical

## Sodium Sulfite

### 1 PRODUCT AND COMPANY IDENTIFICATION

**Product Identifier:** Sodium Sulfite  
**SDS Number:** R-114  
**Revision Date:** 7/6/2017  
**Version:** 1  
**CAS Number:** 7757-83-7  
**Chemical Formula:** Na<sub>2</sub>O<sub>3</sub>S  
**Supplier Details:** High Valley Products, Inc.  
1134 West 850 North  
Centerville, Utah 84014  
**Emergency:** PERS: 800-633-8253  
**Phone:** 801-295-9591  
**Email:** sales@hvchemical.com  
**Web:** www.hvchemical.com

### 2 HAZARDS IDENTIFICATION

#### Classification of the Substance or Mixture

**GHS Classification in Accordance with 29 CFR 1910 (OSHA HCS):**  
No GHS Classifications Indicated

#### GHS Label Elements, Including Precautionary Statements

**GHS Signal Word:** **NONE**

No GHS pictograms indicated for this product

#### GHS Hazard Statements:

No GHS hazards statements indicated

#### GHS Precautionary Statements:

No GHS precautionary statements indicated

### 3 COMPOSITION/INFORMATION OF INGREDIENTS

#### Ingredients:

Cas#	%	Chemical Name
7757-83-7	100%	Sodium sulfite

### 4 FIRST AID MEASURES

**Inhalation:** If inhaled, move person to fresh air. If not breathing, give artificial respiration. Consult a physician.  
**Skin Contact:** Wash with soap and water. Consult a physician.  
**Eye Contact:** Flush eyes with water as a precaution.  
**Ingestion:** Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

### 5 FIRE FIGHTING MEASURES

Extinguishing media  
Suitable extinguishing media  
Dry powder

Special hazards arising from the substance or mixture  
Sulfur oxide, Sodium oxides

Advice for firefighters  
Wear self-contained breathing apparatus for firefighting if necessary.

Further information  
No data

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## ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures:

Wear respiratory protection. Avoid dust formation. Avoid breathing dust, vapors, mist or gas. Ensure adequate ventilation.

### Environmental precautions:

Do not let product enter drains.

### Methods and materials for containment and cleaning up:

Soak up with inert absorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal.

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## HANDLING AND STORAGE

**Handling Precautions:** Avoid formation of dust. Use adequate ventilation.

**Storage Requirements:** Keep container tightly closed. Store in cool/dry area.

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## EXPOSURE CONTROLS/PERSONAL PROTECTION

### Personal Protective Equipment:

Sodium sulfite cas#:(7757-83-7) [100%]

Personal protective equipment

Eye/face protection: Safety glasses with side-shields conforming to EN166 Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin protection: Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching gloves outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Full contact: Material: Nitrile rubber Minimum layer thickness: 0.11 mm Break through time: 480 min  
Material tested: Dermatrill (KCL 740 / Aldrich Z677272, Size M)

Splash contact: Material: Nitrile rubber Minimum layer thickness: 0.11 mm Break through time: 480 min  
Material tested: Dermatrill (KCL 740 / Aldrich Z677272, Size M) data source: KCL GmbH, D-36124 Eichenzell, phone +49 (0)6659 87300, e-mail sales@kcl.de, test method: EN374 If used in solution, or mixed with other substances, and under conditions which differ from EN 374, contact the supplier of the CE approved gloves. This recommendation is advisory only and must be evaluated by an industrial hygienist and safety officer familiar with the specific situation of anticipated use by our customers. It should not be construed as offering an approval for any specific use scenario.

Body Protection: impervious clothing. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection: Where risk assessment shows air-purifying respirators are appropriate use a full-face particle respirator type N100 (US) or type P3 (EN 143) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

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PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	White Powder.
<b>Physical State:</b>	Powder
<b>Odor:</b>	No data available
<b>Odor Threshold:</b>	No data available
<b>Solubility:</b>	126 g/l at 20°C (68°F) - completely soluble
<b>Spec Grav./Density:</b>	2.63 g/cm <sup>3</sup>
<b>Viscosity:</b>	No data available
<b>Boiling Point:</b>	No data available
<b>Freezing/Melting Pt.:</b>	No data available
<b>Flash Point:</b>	No data available
<b>Partition Coefficient:</b>	No data available
<b>Vapor Pressure:</b>	No data available
<b>Vapor Density:</b>	No data available
<b>pH:</b>	9.0 - 10.5 at 126 g/l at 25°C (77°F)
<b>Evap. Rate:</b>	No data available
<b>Auto-Ignition Temp:</b>	No data available
<b>Decomp Temp:</b>	No data available
<b>UFL/LFL:</b>	No data available

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STABILITY AND REACTIVITY

<b>Chemical Stability:</b>	Stable under recommended storage conditions.
<b>Conditions to Avoid:</b>	Exposure to air may affect product quality. Exposure to moisture may affect product quality
<b>Materials to Avoid:</b>	Acids, Strong Oxidizing Agents.

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TOXICOLOGICAL INFORMATION

Sodium sulfite cas#:(7757-83-7) [100%]

Information on toxicological effects

Acute toxicity:  
LD50 Oral - rat - 3,560 mg/kg  
LC50 Inhalation - rat - 4 h - > 5,500 mg/m<sup>3</sup>  
Dermal: no data available

Skin corrosion/irritation: Skin - rabbit Result: No skin irritation

Serious eye damage/eye irritation: Eyes - rabbit Result: Mild eye irritation

Respiratory or skin sensitisation: Prolonged or repeated exposure may cause allergic reactions in certain sensitive individuals.

Germ cell mutagenicity: no data available

Carcinogenicity:  
This product is or contains a component that is not classifiable as to its carcinogenicity based on its IARC, ACGIH, NTP, or EPA classification.

IARC: 3 - Group 3: Not classifiable as to its carcinogenicity to humans (Sodium sulphite)  
ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Reproductive toxicity: no data available

Specific target organ toxicity - single exposure: no data available

Specific target organ toxicity - repeated exposure: no data available

Aspiration hazard: no data available

Additional Information:

RTECS: WE2150000

May cause irritation of the:, Gastrointestinal tract, violent colic, Diarrhoea, Disturbance of:, circulatory system, Central nervous system depression, death, Persons with allergies and/or asthma may exhibit hypersensitivity to sulfites., To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Liver - Irregularities - Based on Human Evidence

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## **ECOLOGICAL INFORMATION**

Sodium sulfite cas#:(7757-83-7) [100%]

Information on ecological effects

Toxicity:

Toxicity to fish LC50 - Gambusia affinis (Mosquito fish) - 660 mg/l - 96 h.

Persistence and degradability: no data available

Bioaccumulative potential: no data available

Mobility in soil: no data available

Results of PBT and vPvB assessment PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

Other adverse effects: no data available

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## **DISPOSAL CONSIDERATIONS**

Dispose of in accordance with local regulations.

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## **TRANSPORT INFORMATION**

Non D.O.T regulated

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## **REGULATORY INFORMATION**

Component (CAS#) [%] - CODES

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Sodium sulfite (7757-83-7) [100%] TSCA

Regulatory CODE Descriptions

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