

Safety Data Sheet

SODIUM SULFITE CRYSTALS, ANHYDROUS

Section 1 - Chemical Product and Company Identification

SDS Name: Sodium Sulfite Crystals, Anhydrous

Catalog Numbers: K-697-4

Company Identification: Transene Company, Inc., DBA ROWLEY BIOCHEMICAL, Inc.
10 ELECTRONICS AVENUE
DANVERS, MA 01923

For information, call: 978-739-4883

Emergency Number: 800-424-9300

For CHEMTREC assistance, call: 800-424-9300

Section 2 - Hazards Identification

GHS Classifications

H303-Acute toxicity, oral: 5

H313-Acute toxicity, dermal: 5

H333-Acute toxicity, inhalation: 5

Pictograms or Hazard symbols and Hazard statement(s):



Signal Word: Warning

Hazard statements:

H303-May be harmful if swallowed

H313-May be harmful in contact with skin

H333-May be harmful if inhaled

Precautionary Statements:

P304+P312-If inhaled: Call a Poison Center or doctor/physician if you feel unwell.
P312-Call a Poison Center or doctor/physician if you feel unwell.

Section 3 - Composition, Information on Ingredients

CAS#	Chemical Name	Percent
7757-83-7	Sodium Sulfite Crystals	≥95

Section 4 - First Aid Measures

Eye Exposure: In case of contact with eyes, flush with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. Call a physician.

Dermal Exposure: In case of skin contact, flush with copious amounts of water for at least 15 minutes. Remove contaminated clothing and shoes. Seek medical advice.

Oral Exposure: If swallowed, seek immediate medical advice. Rinse mouth with water. After rinsing, drink water.

Inhalation Exposure: If inhaled, remove to fresh air. If breathing becomes difficult, call a physician.

Section 5 - Fire Fighting Measures

General Information: As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. During a fire, irritating gases may be generated by thermal decomposition or combustion.

Extinguishing Media: Use dry chemical, carbon dioxide, dry sand, water spray, or alcohol-resistant foam.

Hazardous Combustion Products: Sulfur oxides, sodium oxides, irritating fumes and gases.

Flash Point: Not available

Autoignition Temperature: Not available

Explosion Limits, Lower: Not available

Upper: Not available

NFPA Rating: (estimated) Health: 1; Flammability: 0; Instability: 1

Section 6 - Accidental Release Measures

Procedure(s) of Personal Precaution(s):

Wear personal protective equipment. Do not ingest or inhale. Do not get on skin or clothing. Do not get in eyes. Ensure adequate ventilation. Avoid dust formation.

Methods for Cleaning up: Absorb with sand, earth, or vermiculite. Carefully sweep up and containerize for proper disposal. Avoid generating dusty conditions. Do not release to the environment. Do not release to drains.

Section 7 - Handling and Storage

Use care when handling. Wear personal protective equipment. Ensure adequate ventilation. Wash thoroughly after handling. Minimize dust generation and accumulation. Do not ingest or inhale. Do not get on skin or clothing. Do not get in eyes. Store in a tightly closed container at room temperature. Protect from heat. Air and moisture sensitive. Keep away from incompatible materials.

Section 8 - Exposure Controls, Personal Protection

Engineering Controls: Use explosion-proof ventilation equipment. Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use adequate general or local exhaust ventilation to keep airborne concentrations below the permissible exposure limits.

Personal Protective Equipment

Eyes: Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.

Skin: Wear appropriate protective gloves to prevent skin exposure.

Clothing: Wear appropriate protective clothing to prevent skin exposure.

Respirators: A respiratory protection program that meets OSHA's 29 CFR 1910.134 and ANSI Z88.2 requirements or European Standard EN 149 must be followed whenever workplace conditions warrant a respirator's use.

Exposure Limits:

Chemical Name	ACGIH	NIOSH	OSHA - Final PELs
Sodium Sulfite CAS#7757-83-7	Not listed	Not listed	Not listed

Section 9 - Physical and Chemical Properties

Physical State: Solid
Appearance: Off-white
Odor: Odorless
Vapor Pressure: Not available
Odor threshold: Not available
Vapor Density: Not applicable
pH: 8.5-10 (5% aqueous solution)
Relative density: Not available
Melting point/freezing point: >500°C
Solubility: Partially soluble in water
Boiling Point: Not available
Flash point: Not available
Evaporation Rate: Not applicable
Flammability (solid, gas): Not available
Partition coefficient: n-octanol/water: Not available
Auto-ignition temperature: Not available
Decomposition temperature: >500°C
Viscosity: Not applicable
Specific Gravity/Density: 2.630

Section 10 - Stability and Reactivity

Chemical Stability: Stable under normal temperatures and pressures. Air and moisture sensitive.
Conditions to Avoid: Incompatible materials, excess heat. Exposure to air or water.
Incompatibilities with Other Materials: Strong oxidizing agents and acids.
Hazardous Decomposition Products: Sulfur oxides, sodium oxides, irritating fumes and gases.

Section 11 - Toxicological Information

CAS#7757-83-7 Sodium Sulfite:

LD50 Oral: 2610 mg/kg (rat)
LD50 Dermal: >2000 mg/kg
LC50 Inhalation: >22 mg/L 1h (rat)
LC50 Inhalation: >5.5 mg/L 4h (rat)

Carcinogenicity: Sodium Sulfite CAS#7757-83-7 is not listed by IARC, NTP, ACGIH, OSHA, or California Prop 65.

Epidemiology: Not available.
Teratogenicity: Not available.
Reproductive Effects: Not available.
Developmental Effects: Not available.
Neurotoxicity: Not available.
Mutagenicity: Not available.

Specific Target Organ Toxicity, Single Exposure: Not available.
Specific Target Organ Toxicity, Repeated Exposure: Not available.

The toxicological properties of this material have not been thoroughly investigated.

Section 12 - Ecological Information

Ecotoxicity: Do not release to the environment. Do not release to drains.

CAS#7757-83-7 Sodium Sulfite:

LC50, freshwater fish: 220-460 mg/L 96h static (*leuciscus idus*)

LC50, water flea: 330 mg/L 24h (*psammechinus miliaris*)

EC50, microtox: 770 mg/L 17h

Persistence and degradability: Persistence is unlikely.

Bio-accumulative potential: Not available.

Mobility: Will likely be mobile in the environment due to its water solubility.

Note: Sodium sulfite log Pow: -4

Section 13 - Disposal Considerations

DISPOSAL: Dispose of in accordance with all federal, state, and local regulations.

Section 14 - Transport Information

DOT

Non-Regulated

Section 15 - Regulatory Information

Canada Regulatory Information

WHMIS Classification: This product has been classified in accordance with the hazard criteria of the CPR, and the SDS contains all the information required by the CPR.

Section 16 - Additional Information

SDS Creation Date: 8-1-22

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