

MSDS

Material Safety Data Sheet

Section 1: Chemical Product and Company Identification

Catalog Number: 7580, 7585, 7812, 7820, 7821, 7832, 7833, 7834, R7579000, R7811000, S-777, S087840, S087875, SS087840, SS087870, SS087875, SX-970	
Product Identity: SODIUM SULFITE AQUEOUS SOLUTIONS	
Manufacturer's Name: RICCA CHEMICAL COMPANY LLC	Emergency Contact(24 hr) -- CHEMTREC® Domestic: 800-424-9300 International: 703-527-3887
CAGE Code: 0V553	
Address: 448 West Fork Dr Arlington, TX 76012	Telephone Number For Information: 817-461-5601
Date Prepared: 2/19/99	Revision: 7 Last Revised: 01/21/2006 Date Printed: 08/31/2006 1:11:09 pm

Section 2. Composition/Information on Ingredients

Component	CAS Registry #	Concentration	ACGIH TLV	OSHA PEL
Water, Deionized	7732-18-5	Balance	Not Available	Not Available
			Not Available	Not Available
Sodium Sulfite	7757-83-7	< 30	Not Available	Not Available
			Not Available	Not Available

Section 3: Hazard Identification

Emergency Overview: May be irritating to the eyes and skin. Wash areas of contact with water. Non-flammable, non-corrosive. Does not present any significant health hazards. Although moderately toxic in large amounts, Sulfites can pose a risk to some asthmatics producing central nervous system depression, broncho constriction, and anaphylaxis.

Target Organs: eyes, skin, respiratory system.

Eye Contact: May cause irritation, redness, pain, and tearing.

Inhalation: May cause irritation.

Skin Contact: May cause irritation, redness, and pain.

Ingestion: May cause gastric irritation by the liberation of Sulfurous Acid. Large doses may result in circulatory disturbances, diarrhea, and central nervous system depression.

Chronic Effects/Carcinogenicity: None

IARC - No.

NTP - No.

OSHA - No.

Reproductive Information: Not Applicable.

MSDS

Teratology (Birth Defect) Information: Mutation data cited in 'Registry of Toxic Effects of Chemical Substances' for Sodium Sulfite.

Section 4: First Aid Measures - In all cases, seek qualified evaluation.

Eye Contact: Irrigate immediately with large quantity of water for at least 15 minutes. Call a physician if irritation develops.

Inhalation: Remove to fresh air. Give artificial respiration if necessary. If breathing is difficult, give oxygen.

Skin Contact: Flush with plenty of water for at least 15 minutes. Call a physician if irritation develops.

Ingestion: Dilute with water or milk. Do not induce vomiting. Call a physician if necessary.

Section 5: Fire Fighting Measures

Flash Point: Not Available.

Method Used: Not Available.

LFL: Not Available.

UFL: Not Available.

Extinguishing Media: Use any means suitable for extinguishing surrounding fire.

Fire & Explosion Hazards: Not considered to be a fire or explosion hazard.

Fire Fighting Instructions: Use normal procedures/instructions.

Fire Fighting Equipment: Use protective clothing and breathing equipment appropriate for the surrounding fire.

Section 6: Accidental Release Measures

Absorb with suitable material (paper towels, etc.) and dispose of in accordance with local regulations. Ventilate, if necessary, site of spillage well to evaporate remaining liquid and dispel vapor.

Section 7. Handling and Storage

As with all chemicals, wash hands thoroughly after handling. Avoid contact with eyes and skin. Protect from freezing and physical damage. Refrigeration may improve shelf life.

Safety Storage Code: General

Section 8: Exposure Control/Personal Protection

Engineering Controls: No specific controls are needed. Normal room ventilation is adequate.

Respiratory Protection: Normal room ventilation is adequate.

Skin Protection: Chemical resistant gloves.

Eye Protection: Safety glasses or goggles.

Section 9: Physical and Chemical Properties

Appearance: Clear, colorless liquid

Odor: Odorless

Solubility in Water: Infinite

Specific Gravity: Approximately 1.0 - 1.2

pH: 9.0 - 9.5

Boiling Point(°C): Approximately 100

Melting Point(°C): Approximately 0

Vapor Pressure: Not Applicable.

Section 10: Stability and Reactivity

Chemical Stability: Stable under normal conditions of use and storage. May air oxidize.

Incompatibility: Acids (liberates Sulfur Dioxide), strong oxidizers, high temperatures.

Hazardous Decomposition Products: Oxides of Sodium and Sulfur.

Hazardous Polymerization: Will not occur.

Section 11. Toxicological Information

LD50, Oral, Mouse: 820 mg/kg (Sodium Sulfite), details of toxic effects not reported other than lethal dose value.

MSDS

Section 12. Ecological Information

Ecotoxicological Information: No information found

Chemical Fate Information: No information found

Section 13. Disposal Considerations

Dilute with water, neutralize with dilute acid solutions, then wash the resulting solution down the drain with plenty of water if local regulations allow. Always dispose of in accordance with local, state and federal regulations.

Section 14. Transport Information

Part Numbers:

This product is not regulated.

Section 15. Regulatory Information (Not meant to be all inclusive - selected regulation represented)

OSHA Status: These items meet the OSHA Hazard Communication Standard (29 CFR 1910.1200) definition of a hazardous material.

TSCA Status: All components of this solution are listed on the TSCA Inventory or are mixtures (hydrates) of items listed on the TSCA Inventory.

Sara Title III:

Section 302 Extremely Hazardous Substances: Not Applicable.

Section 311/312 Hazardous Categories: Acute: Yes Chronic, Fire, Pressure, Reactivity: No

Section 313 Toxic Chemicals: Not Applicable.

California: None Reported.

Pennsylvania: None Reported.

RCRA Status: Not Applicable.

CERCLA Reportable Quantity: None Reported.

WHMIS: Not Applicable.

Section 16. Other Information

NFPA Ratings:

Health: 1 Flammability: 0 Reactivity: 0 Special Notice Key: None

HMIS Ratings:

Health: 1 Flammability: 0 Reactivity: 0 Protective Equipment: B (Protective Eyewear, Gloves)

MSDS

Rev 1, 9-26-2000: Reformatted from WordPerfect® to Microsoft Word®; (Section 1) Revised emergency telephone number to CHEMTREC® 800-424-9300, added catalog numbers 7821, 7833, and 7834; (Section 2) revised percent concentration from 1 - 21; (Section 3) added respiratory system to target organs; (Section 7) added storage code and refrigeration statement; (Section 9) revised specific gravity range from 1 - 1.18 and pH from 9.

Rev 2, 10-09-2001: Reformatted to electronic data format.

Rev 3, 09-10-2003: (Section 1) added Solutions Plus catalog number S087840.

Rev 4, 10-09-2003: (Section 1) added Solutions Plus catalog number S087875.

Rev 5, 10-20-2005: (Section 1) added Red Bird catalog number SX-970.

Rev 6, 01-09-2006: (Section 1) added catalog number R7811000 and Red Bird catalog number S-777.

Rev 7, 01-21-2006: (Section 1) added catalog number R7579000.

When handled properly by qualified personnel, the product described herein does not present a significant health or safety hazard. Alteration of its characteristics by concentration, evaporation, addition of other substances, or other means may present hazards not specifically addressed herein and which must be evaluated by the user. The information furnished herein is believed to be accurate and represents the best data currently available to us. No warranty, expressed or implied, is made and RICCA CHEMICAL COMPANY assumes no legal responsibility or liability whatsoever resulting from its use.