



Section 1 - Chemical Product and Company Identification

Product Name	Sodium Sulphite Anhydrous extrapure AR, 98%
Product Code	32246
CAS No	7757-83-7
Use for	Laboratory Chemicals.
Company Name	Sisco Research Laboratories Pvt. Ltd.
Address	608, B Wing, Satellite Gazebo, Andheri Ghatkopar Link Road, Andheri (E), Mumbai - 400 099, India

Section 2 - Composition/Information on Ingredients

Cas No.:	Chemical Name:	%	EINECS#
7757-83-7	Sodium sulfite	98%	231-821-4

Section 3 - Hazards Identification

Contact with acids liberates toxic gas.

Potential Health Effects

Eye: May cause eye irritation.

Skin: May cause skin irritation. May be harmful if absorbed through the skin.

Ingestion: May cause irritation of the digestive tract. May be harmful if swallowed.

Inhalation: May cause respiratory tract irritation. May be harmful if inhaled.

Chronic: No information found.

Section 4 - First Aid Measures

Eyes: Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid.

Skin: Get medical aid. Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes.

Ingestion: Get medical aid. Wash mouth out with water.

Inhalation: Remove from exposure and move to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid.

Notes to Physician: Treat symptomatically and supportively.

Section 5 - Fire Fighting Measures



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General Information:

As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. Wear appropriate protective clothing to prevent contact with skin and eyes. Wear a self-contained breathing apparatus (SCBA) to prevent contact with thermal decomposition products.

Extinguishing Media:

Substance is noncombustible; use agent most appropriate to extinguish surrounding fire.

Section 6 - Accidental Release Measures

General Information: Use proper personal protective equipment as indicated in Section 8.

Spills/Leaks: Vacuum or sweep up material and place into a suitable disposal container. Avoid generating dusty conditions. Do not let this chemical enter the environment.

Section 7 - Handling and Storage

Handling: Use with adequate ventilation. Avoid breathing dust, vapor, mist, or gas. Avoid contact with skin and eyes. Avoid ingestion and inhalation.

Storage: Store in a cool, dry place. Store in a tightly closed container. Keep from contact with oxidizing materials. Keep away from acids.

Section 8 - Exposure Control / Personal Protection

Engineering Controls:

Use adequate ventilation to keep airborne concentrations low.

Exposure Limits

CAS# 7757-83-7:

Personal Protective Equipment

Eyes: Wear chemical splash goggles.

Skin: Wear appropriate protective gloves to prevent skin exposure.

Clothing: Wear appropriate protective clothing to prevent skin exposure.

Respirators: Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.

Section 9 - Physical and Chemical Properties



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Physical State: Crystals

Color: white to light yellow - fine

Odor: odorless

pH: 8.5-10 (5% aq.sol.)

Freezing/Melting Point: >500 deg C(decom)

Solubility in water: 23 g/100 ml (20°C)

Specific Gravity/Density: 2.630

Molecular Formula: Na₂O₃S

Molecular Weight: 126.04

Section 10 - Stability and Reactivity

Chemical Stability: Air sensitive. Moisture sensitive.

Conditions to Avoid: Incompatible materials, heating to decomposition, exposure to moist air or water, prolonged exposure to air.

Incompatibilities with Other Materials

Strong oxidizing agents, strong oxidizing agents, acids, sodium nitrate, sodium nitrite, sulfur dioxide.

Hazardous Decomposition Products

Oxides of sulfur, hydrogen sulfide, sodium oxide.

Hazardous Polymerization : Will not occur.

Section 11 - Toxicological Information

RTECS#:

CAS# 7757-83-7: WE2150000

LD50/LC50:

RTECS:

CAS# 7757-83-7: Oral, mouse: LD50 = 820 mg/kg;

Oral, rat: LD50 = 3560 mg/kg;

Other: Oral rat LD50 = 820-6400mg/kg Inh rat LC50 > 5.5mg/L/4H Inh rat LC50 > 22mg/L/1H not irritating skin rabbit not irritating eye rabbit

Carcinogenicity: Sodium sulfite - IARC: Group 3 (not classifiable)

Other: Mutagenicity: Ames-test: negative. See actual entry in RTECS for complete information. The toxicological properties have not been fully investigated.

Section 12 - Ecological Information

Ecotoxicity:

Fish: Leuciscus idus: 220-460mg/L; 96H; LC50

Fish: Leuciscus idus: 220mg/L; 96H; NOEC

Fish: Leuciscus idus: 460mg/L; 96H; LC100

Daphnia: Daphnia: 299mg/L; 25H; TLm

Daphnia: Daphnia: 273mg/L; 50H; TLm

Daphnia: Daphnia: 203mg/L; 100H; TLm

Other: This chemical is not likely to bioconcentrate. Do not empty into drains.

Log Pow = -4

Section 13 - Disposal Considerations

Dispose of in a manner consistent with federal, state, and local regulations.

Section 14 - Transport Information



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	IATA	IMO	RID/ADR
Shipping Name:	NOT REGULATED FOR TRANSPORT		

Hazard Class:

UN Number:

Packing Group:

Section 15 - Regulatory Information

European/International Regulations

European Labeling in Accordance with EC Directives

Hazard Symbols: Not available

Risk Phrases:

R 31 Contact with acids liberates toxic gas.

Safety Phrases:

S 24/25 Avoid contact with skin and eyes.

WGK (Water Danger/Protection)

CAS# 7757-83-7: 1

Canada

CAS# 7757-83-7 is listed on Canada's DSL List

US Federal

TSCA

CAS# 7757-83-7 is listed on the TSCA Inventory.

Section 16 - Other Information

Sisco Research Laboratories Pvt. Ltd. provides the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. This document is intended only as a guide to the appropriate precautionary handling of the material by a properly trained person using this product. Individuals receiving the information must exercise their independent judgment in determining its appropriateness for a particular purpose.