

Material Safety Data Sheet

(21360-1)

Section 1: Chemical Product and Company Identification

Product Name: Sodium Thiosulfate, 1%

Catalog Number: 21360-1

CAS#: See No. 2 below

Contact Information:

Electron Microscopy Sciences

1560 Industry Road

Hatfield, PA 19440

1-215-412-8400 (phone)

1-800-523-5874 (toll-free)

1-215-412-8450 (fax)

Order Online: emsdiasum.com

CHEMTREC (24-Hour Emergency Telephone), call: 1-800-424-9300

Section 2: Composition and Information on Ingredients

CAS#	Chemical Name	Percent
10102-17-7	Sodium Thiosulfate	1w/v
7732-18-5	Water	100 v/v

Section 3: Hazards Identification

NFPA Health – 1

Flammability – 0

Reactivity – 0

CAUTION! IRRITATION! Avoid contact with skin and eyes! and clothing. Do not breathe vapors; use with adequate ventilation.

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 immediate medical advice.

Oral Exposure: If swallowing, seek immediate medical advice.

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

Section 5: Fire and Explosion Data

NFPA Health – 1

Flammability – 0

Reactivity – 0

Firefighters should wear proper protective clothing and self-contained breathing apparatus with full piece operated in positive mode to prevent contact with skin and eyes.

Extinguishing Media: Use water spray, dry chemical powder, or appropriate foam.

Flash Point: N/A

Auto-Ignition Temperature: N/A

Explosion Limits: N/A

Upper: N/A

Section 6: Accidental Release Measures

Procedure(s) of Personal Precaution(s): Wear protective gear.

Methods for Cleaning up: Absorb with sand, earth or vermiculite. Carefully sweep up and containerize for proper disposal.

Section 7 : Handling and Storage

Use care when handling. Avoid contact with skin, eyes and clothing. Store at room temperature.

Section 8: Exposure Controls/Personal Protection

Engineering Controls: Mechanical exhaust.

Personal Protective Equipment: Other: Wear appropriate government approved respirator, chemical-resistant gloves, safety goggles, other protective clothing.

Section 9: Physical and Chemical Properties

Physical State: Liquid

pH: 5.0-9.0

Vapor Density: N/A

Viscosity: N/A

Freezing/Melting Point: N/A

Solubility: Soluble

Appearance: Clear

Vapor Pressure: N/A

Evaporation Rate: N/A

Boiling Point: N/A

Decomposition Temperature: N/A

Specific Gravity/Density: N/A

Section 10: Stability and Reactivity Data

Chemical Stability: Stable at room temperature in closed containers under normal storage and handling conditions.

Hazardous Decomposition Products: Oxides of sulfur and hydrogen sulfide.

Hazardous Polymerization: Will not occur.

Incompatibilities with other material: Sodium nitrate, halogens, and oxidizing agents.

Section 11: Toxicological Information

Route of Exposure: Multiple routes: May cause irritation. May be harmful by inhalation, ingestion, or skin absorption.

Conditions aggravated by exposure: The toxicological properties have not been thoroughly investigated.

Section 12: Ecological Information

No data available.

Section 13: Disposal Considerations

Appropriate method of disposal of substance or preparation: Handled as hazardous waste and sent to an RCRA approved incinerator or disposed in an RCRA approved wasted facility.

Section 14: Transport Information

DOT: Non-regulated

Section 15: Other Regulatory Information

US Classification and label test
US Statements: Caution: Irritant to skin and eyes.

United States Regulatory Information
SARA Listed: No

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

DSL: no NDSL: no

Section 16: Other Information:

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