

Material Safety Data Sheet

(21360-10)

Section 1: Chemical Product and Company Identification

Product Name: Sodium Thiosulfate, 10%

Catalog Number: 21360-10

CAS#: See Section 2

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	10 w/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.

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 pressure 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-resistance gloves, safety goggles, other protective clothing.

Section 9: Physical and Chemical Properties

Physical State: Liquid
Appearance: Clear
Vapor Pressure: N/A
Vapor Density: N/A
Evaporation Rate: N/A
Viscosity: N/A
Boiling Point: N/A
Freezing/Melting Point: N/A
Decomposition Temperature: N/A
Solubility: Soluble

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
Incompatibles 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 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 waste facility.

Section 14: Transport Information

DOT

Non-regulated

Section 15: Other Regulatory Information

US Classification and label test

US Statements: Caution: Avoid contact and inhalation

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:

MSDS Creation Date: 11/10/2010

Last Updated: 10/22/11

Date Verified and Printed: 10/22/11

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