

MATERIAL SAFETY DATA SHEET

Sodium Thiosulfate 0.1 Normal Solution

SECTION 1 . Product and Company Identification

Product Name and Synonym: Sodium Thiosulfate 0.1 Normal Solution
Product Code: 262-06
Material Uses:
Manufacturer: OFI Testing Equipment, Inc.
11302 Steeplecrest Drive
Houston, TX 77065 USA
Phone: (713) 880-9885
Fax: (713) 880-9886
Entry Date : 5/12/2010
Print Date: 7/31/2010
24 Hour Emergency Assistance : Chemtrec 800-424-9300
Canutec 613-996-6666

Health:	1			
Flammability:	0			
Reactivity:	0			
Hazard Rating:				
Least	Slight	Moderate	High	Extreme
0	1	2	3	4
NA = Not Applicable		NE = Not Established		

SECTION 2 HAZARD IDENTIFICATION

May be harmful if swallowed. May cause irritation. Avoid breathing vapors, or dusts. Use with adequate ventilation. Avoid contact with eyes, skin, and clothes. Wash thoroughly after handling.

Emergency Overview: Caution! May Be Harmful If Swallowed Or Inhaled. May Cause Irritation To Skin, Eyes, And Respiratory Tract.

Inhalation: May Cause Mild Irritation to the Respiratory Tract.

Ingestion: May Cause Mild Irritation to the Gastrointestinal Tract.

Skin: May Cause Mild Irritation and Redness.

Eye Contact: May Cause Mild Irritation, Possible Reddening.

Chronic Exposure: No Information Found.

Aggravated by Exposure: No Information Found.

SECTION 3 MIXTURE COMPONENTS

SARA 313	Component	CAS Number	Percent Comp.	Dimension	Exposure Limits
<input type="checkbox"/>	Sodium Thiosulfate	CAS# 10102-17-7	2.5%	W/V	TXDS: orl-hmn TDLo: 300 mg/Kg/7D
<input type="checkbox"/>	Water, Deionized ASTM Type II	CAS# 7732-18-5	Balance	V/V	None Established
<input type="checkbox"/>	Zinc Chloride	CAS# 7646-85-7	<0.05%	W/V	TXDS: orl-rat: LD ₅₀ : 350 mg/Kg

SECTION 4 FIRST AID MEASURES

May be harmful if swallowed. May cause irritation. Avoid breathing vapors, or dusts. Use with adequate ventilation. Avoid contact with eyes, skin, and clothes. Wash

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thoroughly after handling.

FIRST AID: SKIN: Wash exposed area with soap and water. If irritation persists, seek medical attention.

EYES: Wash eyes with plenty of water for at least 15 minutes, lifting lids occasionally. Seek Medical Aid. INHALATION: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen

If swallowed give large quantities of water and get medical attention immediately.

SECTION 5 FIRE FIGHTING MEASURES

Fire Extinguisher Type: Any means suitable for extinguishing surrounding fire

Fire / Explosion Hazards: None

Fire Fighting Procedure: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and clothing.

SECTION 6 ACCIDENTAL RELEASE MEASURES

Absorb spill with inert material. Flush excess down drain.

Ventilate Area of Leak or Spill. Wear Appropriate Personal Protective Equipment as Specified in Section 8. Contain and Recover Liquid when Possible. Collect Liquid in an Appropriate Container or Absorb with an Inert Material (e.g., Vermiculite, Dry Sand, Earth), and Place in a Chemical Waste Container. Do Not Use Combustible Materials, such as Saw Dust.

SECTION 7 HANDLING AND STORAGE

Store in a cool, dry, well-ventilated place away from acids and oxidizers. Wash thoroughly after handling.

SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Respiratory Protection: None required

Ventilation

Local Exhaust

Mechanical

Protective Gloves: Wear appropriate gloves to prevent skin exposure

Eye Protection: Splash Goggles

Other Protective Equipment: Use safe laboratory handling procedures.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Melting Point:	~ 0°C	Percent Volatile by Volume:	> 95
Boiling Point:	100°C	Evaporation Rate	Information not available
Vapor Pressure:	Information not available	Evaporation Standard	
Vapor Density:	Information not available	Auto Ignition Temp	Not applicable
Solubility in Water:	Soluble	Lower Flamm. Limit in Air	Not applicable
Appearance /Odors:	Clear, colorless, odorless liquid	Upper Flamm. Limit in Air	Not applicable

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Flash Point: Not flammable

Specific Gravity: 1

SECTION 10 STABILITY AND REACTIVITY INFORMATION

Stability: Stable

Conditions to Avoid: High temperatures

Materials to Avoid: Strong oxidizers, Acids

Hazardous Decomposition Products: Sulfur dioxide, sodium sulfide

Hazardous polymerization: Will Not Occur

Conditions to Avoid: None known

SECTION 11 Toxicological Information

Carcinogenic References: NTP Carcinogen - Known: No, IARC Category- None

SECTION 12 Ecological Information

Environmental Fate: No information found

Environmental Toxicity: No information found

SECTION 13 Disposal Considerations

Dilute with Water and Flush to Sewer if Local Ordinances allow, Otherwise, Whatever Cannot be saved for recovery or recycling should be managed in an appropriate and approved waste Disposal Facility. Processing, use or Contamination of this product may change the waste management options. State and Local Disposal Regulations may Differ from Federal Disposal Regulations. Dispose of Container and Unused Contents in Accordance with Federal, State and Local Requirements.

SECTION 14 Transport Information

DOT Classification: Not Regulated

DOT Regulations may change from time to time. Please consult the most recent D.O.T. regulations.

SECTION 15 Regulatory Information

Chemical Inventory Status –
Part 1:Ingredient
Sodium Thiosulfate (7772-98-7)
TSCA Yes
EC Yes
Japan YES
Australia Yes

Chemical Inventory Status –
Part 2:Ingredient
Sodium Thiosulfate (7772-98-7)
Korea Yes
DSL Yes
NDSL No
Phil. Yes

Federal, State & International Regulations –
Part 1: Ingredient.
Sodium Thiosulfate (7772-98-7)
RQ No
TPQ No
List NO
Chemical Catg No

Federal, State &
International Regulations –

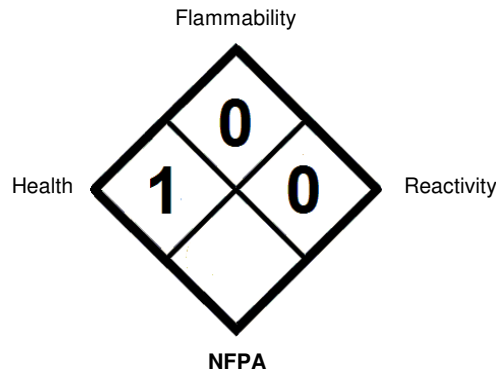
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Part 2:Ingredient
Sodium Thiosulfate (7772-98-7)
CERCLA NO
261.33 No
8(d) No

Chemical Weapons Convention: No
TSCA 12 (b):No
CDTA:No PURE/SOLID
SARA 311/312: Acute:YES
Chronic: No
Fire: No
Pressure: No
Reactivity: No
Australian Hazchem Code: NONE ALLOCATED
Poison Schedule:NONE ALLOCATED

SECTION 16 Additional Information

Overexposure symptoms. Acute: Essentially non-hazardous. Possible irritation of eyes/stomach. Chronic: None known. Conditions aggravated/Target organs: none known. Persons with pre-existing skin conditions or respiratory disorders may be more susceptible



Revisions

	0	
7/30/2010	0.1	updated msds to 16 section from 10 section msds. STN

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