

## Material Safety Data Sheet

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24 Hour Emergency Assistance

Section 1 Identification						Section 6 Accidental Release Measures			
Product Number:	C2714		Health:			Evacuate area. Wear self-contained breathing apparatus and protective clothing. Eliminate all sources of ignition.			
Product Name:	Sodium Thiosulfate Reagent, A.C.S., Crystal		Flammability			Section 7 Handling and Storage			
Trade/Chemical Synonyms			Reactivity			Store in a cool dry well ventilated area. Keep away from heat and flame. Do not get in eyes, on skin, or on clothing.			
Formula:	Na <sub>2</sub> S <sub>2</sub> O <sub>5</sub> ·½H <sub>2</sub> O		Hazard Rating:			Section 8 Exposure Controls & Personal Protection			
RTECS:	WE6660000		Least Slight Moderate High Extreme			Respiratory Protection: NIOSH/MSHA-approved respirator			
C.A.S	CAS# 10102-17-7		0 1 2 3 4			Mechanical: <input checked="" type="checkbox"/> Hand Protection: Wear appropriate gloves to prevent skin exposure			
Section 2 Component Mixture						Ventilation: Local Exhaust: <input type="checkbox"/> Eye Protection: Splash Goggles			
Sara 313	Component	CAS Number	%	Dim	Exposure Limits:	Other Protective Equipment: Wear appropriate clothing to prevent skin exposure			
<input type="checkbox"/>	Sodium Thiosulfate	CAS# 10102-17-7	100%	W/W	TXDS: orl-hmn TDLo: 300 mg/Kg/7D	Section 9 Physical and Chemical Properties			
Section 3 Hazard Identification (Also see section 11)						Melting Point: 48°C Specific Gravity 1.66-1.73			
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. Keep container closed.						Boiling Point: >212°F decompose@100°C Percent Volatile by Volume: 0			
Section 4 First Aid Measures						Vapor Pressure: not applicable Evaporation Rate: not applicable			
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. Keep container closed.						Vapor Density: not applicable Evaporation Standard: Not Applicable			
FIRST AID: SKIN: Wash exposed area with soap and water. If irritation persists, seek medical attention.						Solubility in Water: 42% Auto ignition Temperature: Not applicable			
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						Appearance and Odor: clear to white crystals Lower Flamm. Limit in Air: Not applicable			
INGESTION: If swallowed, induce vomiting immediately after giving two glasses of water. Never give anything by mouth to an unconscious person.						Flash Point: not applicable Upper Flamm. Limit in Air: Not applicable			
Section 5 Fire Fighting Measures						Section 10 Stability and Reactivity Information			
Fire Extinguisher Type:	Carbon Dioxide, dry chemical powder or appropriate foam, water spray					Stability: Stable Conditions to Avoid: None known			
Fire/Explosion Hazards:	heating >100°C can cause a flammable residue of sodium sulfide. Emits toxic fumes under fire conditions.					Materials to Avoid: Oxidizing agents, acids, reals sulfur			
Fire Fighting Procedure:	Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and clothing.					Hazardous Decomposition Products: sulfur dioxide gas which is TOXIC			
						Hazardous Polymerization: Will Not Occur			
						Condition to Avoid: None known			
						Section 11 Additional Information			
						DANGER!!! This material can emit TOXIC fumes of sulfur dioxide. Effects of over exposure: irritation of the eyes, skin and upper respiratory tract. Acute: inflammation of the respiratory tract and cyanosis. Chronic: WARNING!! Toxicity of this material has not yet been fully investigated. Target organs: eyes, skin and upper respiratory tract. Conditions aggravated/target organs. Persons with pre-existing eye, skin or respiratory tract may be more susceptible.			
						DOT Classification: Not Regulated			
						DOT regulations may change from time to time. Please			

OSHA regulations may change from time to time. Please consult the most recent version of the relevant regulations.

Revision	Date Entered:	Approved by:
No:0	9/1/2006	WPF

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