

Material Safety Data Sheet

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24 Hour Emergency Assistance

Section 1 Identification					
Product Number:	S2900				
Product Name:	Sodium Dithionite (Sodium Hydrosulfite)	Health:	3		
		Flammability	1		
		Reactivity	2		
Trade/Chemical Synonyms		Hazard Rating: Least Slight Moderate High Extreme			
Formula:	Na ₂ S ₂ O ₄	0	1	2	3 4
RTECS:	JP2100000	NA = Not Applicable NE = Not Established			
C.A.S	CAS# 7775-14-6				
Section 2 Component Mixture					
Sara 313	Component	CAS Number	%	Dim	Exposure Limits:
<input type="checkbox"/>	Sodium Dithionite (Sodium Hydrosulfite)	CAS# 7775-14-6	100 %	W/W	None Established
Section 3 Hazard Identification (Also see section 11)					
Keep away from heat and ignition sources. Harmful if swallowed. Avoid breathing vapors. Use with adequate ventilation. Avoid contact with eyes, skin, and clothes. Wash thoroughly after handling. Keep container closed.					
Section 4 First Aid Measures					
Keep away from heat and ignition sources. Harmful if swallowed. Avoid breathing vapors. Use with adequate ventilation. Avoid contact with eyes, skin, and clothes. Wash thoroughly after handling. Keep container closed.					
FIRST AID: CALL A PHYSICIAN. SKIN: Remove contaminated clothing. Wash exposed area with soap and water.					
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					
INGESTION: If swallowed, induce vomiting immediately after giving two glasses of water. Never give anything by mouth to an unconscious person.					
Section 5 Fire Fighting Measures					
Fire Extinguisher Type:	Carbon Dioxide, dry chemical powder				
Fire/Explosion Hazards:	Heats spontaneously on contact with air and moisture. May ignite surrounding combustibles. Emits toxic fumes under fire conditions.Reducing agent.				
Fire Fighting Procedure:	Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and clothing.				
Section 6 Accidental Release Measures					
Shut off all sources of ignition. Cover with dry lime, sand or soda ash. Place in covered containers, using non-sparking tools.					
Section 7 Handling and Storage					
Keep away from heat ,spark and open flame. Avoid contact with acid. Keep tightly closed, and in a cool, dry place.					
Section 8 Exposure Controls & Personal Protection					
Respiratory Protection:NIOSH/MSHA-approved respirator					
Ventilation:		Mechanical: <input checked="" type="checkbox"/>	Hand Protection: Chemical resistant gloves		
		Local Exhaust: <input type="checkbox"/>	Eye Protection: Safety goggles		
Other Protective Equipment: Wear appropriate clothing to prevent skin exposure					
Section 9 Physical and Chemical Properties					
Melting Point:	>300° C	Specific Gravity	Information not available		
Boiling Point:	Information not available	Percent Volatile by Volume:	0		
Vapor Pressure:	Information not available	Evaporation Rate:	0		
Vapor Density:	Information not available	Evaporation Standard:			
Solubility in Water:	Information not available	Auto ignition Temperature:	Not applicable		
Appearance and Odor:	White powder , odorless	Lower Flamm. Limit in Air:	Not applicable		
Flash Point:	Highly flammable	Upper Flamm. Limit in Air:	Not applicable		
Section 10 Stability and Reactivity Information					
Stability: Stable		Conditions to Avoid: Incompatibilities			
Materials to Avoid: Strong oxidizing agents,strong acids					
Hazardous Decomposition Products: Sulfur oxides					
Hazardous Polymerization:Will Not Occur					
Condition to Avoid:None known					
Section 11 Additional Information					
Highly flammable!! Effects of overexposure. Acute and chronic: Material may be irritating to mucous membranes and upper respiratory tract. Exposure can cause nausea, headache, and vomiting. Target organs: None . Persons with pre-existing disorders may be more susceptible.					
DOT Classification: Sodium Dithionite, 4.2, UN1834, PG II					
DOT regulations may change from time to time. Please consult the most recent version of the relevant regulations.					
Revision No:0		Date Entered: 9/1/2005		Approved by: WPF	

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