

Material Safety Data Sheet

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24 Hour Emergency Assistance

Section 1 Identification					
Product Number:	S2825				
Product Name:	Sodium Cyanide Reagent		Health:	3	
	A.C.S., Granular		Flammability	0	
Trade/Chemical Synonyms			Reactivity	0	
Formula:	NaCN		Hazard Rating:		
RTECS:	VZ7525000		Least Slight Moderate High Extreme		
C.A.S	CAS# 143-33-9		0 1 2 3 4		
NA = Not Applicable NE = Not Established					
Section 2 Component Mixture					
Sara 313	Component	CAS Number	%	Dim	Exposure Limits:
<input checked="" type="checkbox"/>	Sodium Cyanide	CAS# 143-33-9	100%	W/W	TXDS: orl-rat LD ₅₀ : 6.44 mg/Kg
Section 3 Hazard Identification (Also see section 11)					
May be fatal if inhaled, swallowed or absorbed thru the skin. Avoid all contact. Use with adequate ventilation. Wash thoroughly after use. Keep container closed.					
Section 4 First Aid Measures					
May be fatal if inhaled, swallowed or absorbed thru the skin. Avoid all contact. Use with adequate ventilation. Wash thoroughly after use. Keep container closed.					
FIRST AID: SKIN: Remove contaminated clothing. 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					
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:	Water spray, Carbon dioxide, dry chemical, powder, foam.				
Fire/Explosion Hazards:	Material will burn in a fire.				
Fire Fighting Procedure:	Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and clothing.				
Section 6 Accidental Release Measures					
Wear Protective equipment. Sweep up, place in a bag and hold for waste disposal.					
Section 7 Handling and Storage					
Store in a cool, dry well ventilated area. Keep away from heat and flame. Do not get in eyes, on skin, or on clothing.					
Section 8 Exposure Controls & Personal Protection					
Respiratory Protection: NIOSH approved dust mask					
Mechanical: <input type="checkbox"/>			Hand Solvent resistant gloves as Protection: neoprene or nitrile		
Ventilation: Local Exhaust: <input checked="" type="checkbox"/>			Eye Protection: Splash Goggles		
Other Protective Equipment: Wear appropriate clothing to prevent skin exposure					
Section 9 Physical and Chemical Properties					
Melting Point:	1047°F	Specific Gravity	1.6		
Boiling Point:	2725°F	Percent Volatile by Volume:	Information not available		
Vapor Pressure:	Information not available	Evaporation Rate:	Information not available		
Vapor Density:	Information not available	Evaporation Standard:	Information not available		
Solubility in Water:	Soluble	Auto ignition Temperature:	Information not available		
Appearance and Odor:	Solid	Lower Flamm. Limit in Air:	Information not available		
Flash Point:	Information not available	Upper Flamm. Limit in Air:	Information not available		
Section 10 Stability and Reactivity Information					
Stability: Stable Conditions to Avoid: Avoid contact with heat, sparks, flames, or other sources of ignition.					
Materials to Avoid: Information not available					
Hazardous Decomposition Products: Metallic oxides					
Hazardous Polymerization: Will Not Occur					
Condition to Avoid: None known					
Section 11 Additional Information					
Extremely hazardous in case of skin contact (irritant), of eye contact (irritant), of ingestion, of inhalation. Hazardous in case of skin contact (corrosive, permeator). Severe over-exposure can result in death. Target organs: blood, kidneys, the nervous system, liver, and mucous membranes.					
DOT Classification: Sodium Cyanide, 6.1, UN1689, PG I					
DOT regulations may change from time to time. Please consult the most recent version of the relevant regulations.					
Revision No:0.1		Date Entered: 9/1/2005		Approved by: WPF	

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