

DUMONT

Material Safety Data Sheet

Provided by:
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Sodium Hydroxide 25%

Section 1 Identification					
Product Number:	C2596	Health: 3			
Product Name:	Sodium Hydroxide 25% w/w Solution	Flammability: 0			
Trade/Chemical Synonyms:		Reactivity: 0			
Formula:	N/A	Hazard Rating:			
RTECS:	None	Lea Slig Modera Hig Extre st ht te h me 0 1 2 3 4			
C.A.S	See Below	NA = Not Applicable NE = Not Established			
Section 2 Component Mixture					
Sar a 313	Component	CAS Number	%	Dim	Exposure Limits:
<input type="checkbox"/>	Water, Deionized AS TM Type II	CAS# 7732-18-5	Balanc e	W/ W	None Establishe d
<input checked="" type="checkbox"/>	Sodium Hydroxide	CAS# 1310-73-2	25%	W/ W	OSHA PEL 2 mg/mf ACGIH 2mg/mf
Section 3 Hazard Identification (Also see section 11)					
Causes severe irritation and burns. Harmful if swallowed. Avoid breathing vapor or dust. Use with adequate ventilation. Avoid contact with eyes, skin, and clothes. Wash thoroughly after handling. Keep container closed.					
Section 4 First Aid Measures					
Section 6 Accidental Release Measures					
Absorb spill with inert material, then place in a chemical waste container. Neutralize with a weak acid.					
Section 7 Handling and Storage					
Store in a cool, dry, well-ventilated place away from incompatible materials. Wash thoroughly after handling.					
Section 8 Exposure Controls & Personal Protection					
Respiratory Protection: NIOSH/MSHA-approved respirator					
Mechanical Ventilation: <input type="checkbox"/> Local Exhaust: <input checked="" type="checkbox"/> Hand NIOSH Protection Approved Gloves Eye Splash Protection Goggles					
Other Protective Equipment: Wear appropriate clothing to prevent skin exposure					
Section 9 Physical and Chemical Properties					
Melting Point:	Information not available	Specific Gravity:	~1.1		
Boiling Point:	Information not available	Percent Volatile by Volume:	70%		
Vapor Pressure:	Information not available	Evaporation Rate:	Information not available		
Vapor Density:	Information not available	Evaporation:	Information not available		

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FIRST AID: CALL A PHYSICIAN. SKIN: In case of contact, immediately flush skin with water for at least 15 minutes while removing contaminated clothing and shoes. Thoroughly clean clothing and shoes before reuse.

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: Give several glasses of milk or water. Vomiting may occur spontaneously, but DO NOT INDUCE! 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:	None
Fire Fighting Procedure:	Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and clothing.

	available	Standard:	
Solubility in Water:	Soluble	Auto ignition Temperature:	Not applicable
Appearance and Odor:	Clear odorless liquid	Lower Flamm. Limit in Air:	Not applicable
Flash Point:	Not applicable	Upper Flamm. Limit in Air:	Not applicable

Section 10 Stability and Reactivity Information

Stability: Stable
 Conditions to Avoid: Avoid contact with incompatible materials.
 Materials to Avoid: Acids, flammable liquids, organic halogens, metals, nitrocompounds
 Hazardous Decomposition Products: Not established.
 Hazardous Polymerization: Will Not Occur
 Condition to Avoid: None known

Section 11 Additional Information

Conditions aggravated/target organs: Corrosive! Persons with pre-existing skin and eye disorders will be more susceptible.
 Acute: Skin and eye irritation or burns.
 Chronic: Dermatitis, eye damage.

DOT Classification: Sodium Hydroxide Solution, 8, UN1824, 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: 9/1/2006	Approved by: WPF
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