

Material Safety Data Sheet

Aqua Solutions
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24 Hour Emergency Assistance

Section 1 Identification	
Product Number:	8625
Product Name:	Sodium Hydroxide 0.1 Normal
	Health: 2
Trade/Chemical Synonyms	Flammability: 0
	Reactivity: 0
Formula:	N/A
RTECS:	None
C.A.S:	See Below
Hazard Rating: Least Slight Moderate High Extreme 0 1 2 3 4 NA = Not Applicable NE = Not Established	

Section 2 Component Mixture					
Sara 313	Component	CAS Number	%	Dim	Exposure Limits:
<input type="checkbox"/>	Water, Deionized ASTM Type II	CAS# 7732-18-5	Balance	V/V	None Established
<input checked="" type="checkbox"/>	Sodium Hydroxide	CAS# 1310-73-2	0.40%	W/V	OSHA PEL 2 mg/mf ACGIH 2mg/mf

Section 3 Hazard Identification (Also see section 11)
 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.

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 thoroughly after handling.

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: 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: 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

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 place. Do not get in eyes, on skin, on clothing. Wash thoroughly after handling

Section 8 Exposure Controls & Personal Protection
 Respiratory Protection: None required

Mechanical: Hand Protection: Wear appropriate gloves to prevent skin exposure

Ventilation: Local Exhaust: Eye Splash Protection: Goggles

Other Protective Equipment: Wear appropriate clothing to prevent skin exposure

Section 9 Physical and Chemical Properties

Melting Point:	~0°C	Specific Gravity	~1
Boiling Point:	~100°C	Percent Volatile by Volume:	>99
Vapor Pressure:	Information not available	Evaporation Rate:	Information not available
Vapor Density:	Information not available	Evaporation Standard:	
Solubility in Water:	Information not available	Auto ignition Temperature:	Not applicable
Appearance and Odor:	Clear, colorless, odorless liquid	Lower Flamm. Limit in Air:	Not applicable
Flash Point:	Not flammable	Upper Flamm. Limit in Air:	Not applicable

Section 10 Stability and Reactivity Information

Stability: Stable Conditions to Avoid: None known

Materials to Avoid: Concentrated Acids and Bases, Water reactive materials

clothing.	<p>materials.</p> <p>Hazardous Decomposition Products: None</p> <p>Hazardous Polymerization:Will Not Occur</p> <p>Condition to Avoid:None known</p>						
	<p>Section 11 Additional Information</p> <p>Overexposure symptoms: Corrosive effects. Acute-Irritation and burns to skin, eyes, lungs, mucous membranes, and GI tract. Chronic-Dermatitis. Conditions aggravated/Target organs: Persons with preexisting skin or eye disorders may be more susceptible.</p> <p>DOT Classification: Not Regulated</p> <p>DOT regulations may change from time to time. Please consult the most recent version of the relevant regulations.</p> <table border="0"> <tr> <td>Revision</td> <td>Date Entered:</td> <td>Approved by:</td> </tr> <tr> <td>No:0.1</td> <td>1/1/2003</td> <td>WPF</td> </tr> </table>	Revision	Date Entered:	Approved by:	No:0.1	1/1/2003	WPF
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