

Material Safety Data Sheet

Aqua Solutions
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24 Hour Emergency Assistance

Section 1 Identification	
Product Number:	S2612
Product Name:	Sodium Carbonate (Soda Ash) Laboratory Grade, Granular
	Health: 1
Trade/Chemical Synonyms:	Flammability: 0
	Reactivity: 0
Formula:	Na ₂ CO ₃
RTECS:	VZ4050000
C.A.S	CAS# 497-19-8

Section 2 Component Mixture					
Sara 313	Component	CAS Number	%	Dim	Exposure Limits:
<input type="checkbox"/>	Sodium Carbonate (Soda Ash)	CAS# 497-19-8	100%	W/W	None Established

Section 3 Hazard Identification (Also see section 11)

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.

Section 4 First Aid Measures

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.

FIRST AID: SKIN: 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: Any means suitable for extinguishing surrounding fire

Fire/Explosion Hazards: Explosion may occur when applied to red-hot aluminum

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. Flush residue and liquid spills to holding area for neut. Before discharge.

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 approved dust mask

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

Ventilation: Local Exhaust: Eye Protection: Goggles and Face Shield

Other Protective Equipment: Wear appropriate clothing to prevent skin exposure

Section 9 Physical and Chemical Properties

Melting Point:	851° C	Specific Gravity:	2.53
Boiling Point:	Decomposes	Percent Volatile by Volume:	N/A
Vapor Pressure:	N/A	Evaporation Rate:	N/A
Vapor Density:	N/A	Evaporation Standard:	
Solubility in Water:	Soluble	Auto ignition Temperature:	Not applicable
Appearance and Odor:	White poeder or granules, odorless	Lower Flamm. Limit in Air:	Not applicable
Flash Point:	N/A	Upper Flamm. Limit in Air:	Not applicable

Section 10 Stability and Reactivity Information

Stability: Stable Conditions to Avoid: Application to red-hot aluminum

Materials to Avoid: Strong oxidizing agents, metals, acids, organics

Hazardous Decomposition Products: Carbon dioxide, carbon monoxide

	Hazardous Polymerization:Will Not Occur Condition to Avoid:None known					
	Section 11 Additional Information					
	Effects of overexposure: Acute: May cause eyes burns. Harmful if swallowed. Inhalation of dust may cause respiratory tract irritation, coughing or labored breathing. Excessive contact can damage nasal septum. Ingestion may be corrosive to GI tract, symptoms may include severe abdominal pain, vomiting, diarrhea and collapse. Skin contact may cause irritation w/blistering and redness. May be corrosive to eyes and cause conjunctivitis, edema and corneal distruction. Chronic: Prolonged or prolonged contact may cause sensitization. Conditions aggravated/target organs: Persons with pre-existing eye, skin or respiratory conditions may be more susceptible					
	DOT Classification: Not Regulated					
	DOT regulations may change from time to time. Please consult the most recent version of the relevant regulations.					
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