

## Material Safety Data Sheet

Aqua Solutions  
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24 Hour Emergency Assistance

<b>Section 1 Identification</b>					
Product Number:	S2913		Health:	3	
Product Name:	Sodium Fluoride Reagent A.C.S., Powder		Flammability	0	
Trade/Chemical Synonyms			Reactivity	0	
Formula:	NaF		Hazard Rating:		
RTECS:	WB0350000		Least Slight Moderate High Extreme	0 1 2 3 4	
C.A.S	CAS# 7681-49-4		NA = Not Applicable NE = Not Established		
<b>Section 2 Component Mixture</b>					
Sara 313	Component	CAS Number	%	Dim	Exposure Limits:
<input type="checkbox"/>	Sodium Fluoride	CAS# 7681-49-4	100%	W/W	OSHA TWA 2.5 mg (F)/mf
<b>Section 3 Hazard Identification (Also see section 11)</b>					
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.					
<b>Section 4 First Aid Measures</b>					
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: 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: If swallowed, induce vomiting immediately after giving two glasses of water. Never give anything by mouth to an unconscious person.					
<b>Section 5 Fire Fighting Measures</b>					
Fire Extinguisher Type:	Any means suitable for extinguishing surrounding fire				
Fire/Explosion Hazards:	Thermal decomposition produces highly toxic fumes.				
Fire Fighting Procedure:	Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and clothing.				
<b>Section 6 Accidental Release Measures</b>					
Wear Protective equipment. Sweep up, place in a bag and hold for waste disposal.					
<b>Section 7 Handling and Storage</b>					
Store in a cool, dry, well-ventilated place away from incompatible materials. Wash thoroughly after handling.					
<b>Section 8 Exposure Controls &amp; Personal Protection</b>					
Respiratory Protection:NIOSH/MSHA-approved respirator					
Ventilation: Mechanical: <input checked="" type="checkbox"/> Hand Protection: NIOSH Approved Gloves					
Local Exhaust: <input type="checkbox"/> Eye Protection: Splash Goggles					
Other Protective Equipment: Wear appropriate clothing to prevent skin exposure					
<b>Section 9 Physical and Chemical Properties</b>					
Melting Point:	993° C	Specific Gravity	Information not available		
Boiling Point:	1700° C	Percent Volatile by Volume:	0		
Vapor Pressure:	1 mm @ 1077° C	Evaporation Rate:	N/A		
Vapor Density:	Information not available	Evaporation Standard:			
Solubility in Water:	Soluble	Auto ignition Temperature:	Not applicable		
Appearance and Odor:	Clear crystal or white powder	Lower Flamm. Limit in Air:	Not applicable		
Flash Point:	N/A	Upper Flamm. Limit in Air:	Not applicable		
<b>Section 10 Stability and Reactivity Information</b>					
Stability: Stable Conditions to Avoid: Avoid contact with heat, sparks, flames, or other sources of ignition.					
Materials to Avoid: Acids, glass					
Hazardous Decomposition Products: Hydrogen fluoride					
Hazardous Polymerization:Will Not Occur					
Condition to Avoid:None known					
<b>Section 11 Additional Information</b>					
Effects of overexposure, Acute and chronic: Harmful if inhaled, swallowed or absorbed through skin. Causes severe irritation to tissues of the mucous membranes, upper respiratory tract, eyes and skin. Chronic: This material is a carcinogen. Target organs: Kidneys, bones, nerves, G.I. System, teeth. Conditions aggravated: Persons with pre-existing eye, skin or respiratory conditions may be more susceptible.					
DOT Classification: Sodium Fluoride, 6.1, UN1690, PG III					
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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