

## Material Safety Data Sheet

**Aqua Solutions**  
**6913 Highway 225**  
**Deer Park, TX 77536**

**Phone (281) 479-2569**  
**Chemtrec 800-424-9300**  
**24 Hour Emergency Assistance**

<b>Section 1 Identification</b>						<b>Section 6 Accidental Release Measures</b>										
Product Number:	A4292	Health:			3	Absorb spill with inert material, then place in a chemical waste container. Dispose of in a manner consistent with federal, local law.										
Product Name:	Ammonia Solution	Flammability			0											
Trade/Chemical Synonyms		Reactivity			0											
Formula:	N/A	Hazard Rating:														
RTECS:	BQ9625000	Least    Slight    Moderate    High    Extreme				<b>Section 7 Handling and Storage</b>										
C.A.S	CAS# 1336-21-6	0	1	2	3	4	Store in a cool, dry, well-ventilated place away from incompatible materials. Wash thoroughly after handling.									
NA = Not Applicable NE = Not Established																
<b>Section 2 Component Mixture</b>						<b>Section 8 Exposure Controls &amp; Personal Protection</b>										
Sara 313	Component	CAS Number	%	Dim	Exposure Limits:	Respiratory Protection: NIOSH/MSHA-approved respirator										
<input type="checkbox"/>	Ammonia Solution	CAS# 1336-21-6	100%	W/W	None established											
<b>Section 3 Hazard Identification (Also see section 11)</b>						Ventilation:  Mechanical: <input type="checkbox"/> Local Exhaust: <input checked="" type="checkbox"/>  Wear appropriate gloves to prevent skin exposure  Eye Protection: Goggles and Face Shield										
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.																
<b>Section 4 First Aid Measures</b>						<b>Section 9 Physical and Chemical Properties</b>										
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.						Melting Point:	information not available	Specific Gravity		.96	Other Protective Equipment: Wear appropriate clothing to prevent skin exposure					
FIRST AID: CALL A PHYSICIAN. SKIN: Remove contaminated clothing. Wash exposed area with soap and water.						Boiling Point:	information not available	Percent Volatile by Volume:		100%						
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						Vapor Pressure:	N/E	Evaporation Rate:		N/E						
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.						Vapor Density:	information not available	Evaporation Standard:								
<b>Section 5 Fire Fighting Measures</b>						Solubility in Water:	Soluble	Auto ignition Temperature:		N/E						
Fire Extinguisher Type:	Any means suitable for extinguishing surrounding fire					Appearance and Odor:	Clear colorless solution / ammonia odor	Lower Flamm. Limit in Air:		N/E						
Fire/Explosion Hazards:	None Known.					Flash Point:	information not available	Upper Flamm. Limit in Air:		N/E						
Fire Fighting Procedure:	Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and clothing.					<b>Section 10 Stability and Reactivity Information</b>										
						Stability: Stable    Conditions to Avoid: Heat										
						Materials to Avoid:										
						Hazardous Decomposition Products: Ammonia and Nitric oxides										

	Hazardous Polymerization:Will Not Occur	
	Condition to Avoid:None known	
	<b>Section 11 Additional Information</b>	
	Conditions aggravated/Target organs: Persons with preexisting skin, eye, or respiratory disorders may be more susceptible. Toxiv! Corrosive solution! Acute: Severe irritation and burns to skin, eyes, lungs, mucous membranes, and GI tract. Chronic: Dermatitis, lung damage.	
	DOT Classification: Ammonia Solutions, 8, UN2672, 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: 1/1/2003	Approved by: WPF

The information contained herein is believed to be accurate and is offered in good faith for the user's consideration and investigation. No warranty is expressed or implied regarding the completeness or accuracy of this information, whether originating from Aqua Solutions, Inc. or from an alternate source. Users of this material should satisfy themselves by independent investigation of current scientific and medical information that this material may be safely handled.