

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

Section 1 Identification					
Product Number:	MID040	Health:	1		
Product Name:	Acetone 5% v/v Solution	Flammability	1		
Trade/Chemical Synonyms		Reactivity	0		
Formula:	N/A	Hazard Rating:	Least Slight Moderate High Extreme		
RTECS:	None		0	1	2
C.A.S	See Below		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 type="checkbox"/>	Acetone	CAS# 67-64-1	5%	V/V	OSHA TWA 1000 ppm (2400 mg/mf)
Section 3 Hazard Identification (Also see section 11)					
Keep away from heat and ignition sources. May be 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					
Keep away from heat and ignition sources. May be 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.					
FIRST AID: SKIN: Wash exposed area with soap and water. If irritation persists, seek medical attention.					
FIRST AID: CALL A PHYSICIAN. SKIN: Remove contaminated clothing. Wash exposed area with soap and water.					
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:	Negligible fire hazard when exposed to heat or flame				
Fire Fighting Procedure:	Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and clothing.				
Section 6 Accidental Release Measures					
Absorb spill with inert material, then place in a chemical waste container. Dispose of in a manner consistent with federal, local law.					
Section 7 Handling and Storage					
Keep away from heat and flame. Do not get in eyes, on skin, on clothing. Use with adequate ventilation.					
Section 8 Exposure Controls & Personal Protection					
Respiratory Protection: None required					
Mechanical: <input type="checkbox"/> Hand Solvent resistant gloves Protection: as neoprene or nitrile					
Ventilation: Local Exhaust: <input checked="" type="checkbox"/> Eye Splash Goggles Protection:					
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:	Soluble	Auto ignition Temperature:	Information not available		
Appearance and Odor:	Clear liquid with acetone odor	Lower Flamm. Limit in Air:	Information not available		
Flash Point:	Information not available	Upper Flamm. Limit in Air:	Information not available		
Section 10 Stability and Reactivity Information					
Stability: Stable Conditions to Avoid: Avoid contact with incompatible materials and high temperatures					
Materials to Avoid: Concentrated Acids and Bases, Water reactive materials.					
Hazardous Decomposition Products: Oxides of carbon					
Hazardous Polymerization: Not expected to occur					
Condition to Avoid: None known					
Section 11 Additional Information					
Conditions aggravated: Persons with preexisting skin, eye or respiratory conditions may be more susceptible. Exposure to acetone may enhance the liver toxicity of chlorinated solvents. Acute: Causes severe eye irritation. Causes irritation to skin, mucous membranes and respiratory tract. Chronic: Dermatitis, eye damage. Target organs: Liver, kidneys.					
DOT Classification: Not Regulated					
DOT regulations may change from time to time. Please consult the most recent version of the relevant regulations.					
Revision No:0 Date Entered: 8/1/2007 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.