

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:	H3000																			
Product Name:	Hydrogen Peroxide Solution, 30% w/w Reagent A.C.S.	Health:	3																	
		Flammability	0																	
		Reactivity	3																	
Trade/Chemical Synonyms		Hazard Rating:																		
Formula:	H ₂ O ₂	<table style="width: 100%; border: none;"> <tr> <td style="text-align: center;">Leas</td> <td style="text-align: center;">Sligh</td> <td style="text-align: center;">Moderat</td> <td style="text-align: center;">Hig</td> <td style="text-align: center;">Extrem</td> </tr> <tr> <td style="text-align: center;">t</td> <td style="text-align: center;">t</td> <td style="text-align: center;">e</td> <td style="text-align: center;">h</td> <td style="text-align: center;">e</td> </tr> <tr> <td style="text-align: center;">0</td> <td style="text-align: center;">1</td> <td style="text-align: center;">2</td> <td style="text-align: center;">3</td> <td style="text-align: center;">4</td> </tr> </table>				Leas	Sligh	Moderat	Hig	Extrem	t	t	e	h	e	0	1	2	3	4
Leas	Sligh	Moderat	Hig	Extrem																
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0	1	2	3	4																
RTECS:	MX0899000	NA = Not Applicable NE = Not Established																		
C.A.S	CAS# 7722-84-1																			
Section 2 Component Mixture																				
Sara 313	Component	CAS Number	%	Dim	Exposure Limits:															
	Hydrogen Peroxide Solution, 30% w/w	CAS# 7722-84-1	100%	W/W	OSHA TWA 1 ppm (1.4 mg/mf)															
Section 3 Hazard Identification (Also see section 11)																				
Heat, shock, friction, or contact with other materials may cause fire or explosion. Harmful if swallowed. Avoid breathing vapor or dust. Use adequate ventilation. Avoid contact with eyes, skin or clothes. Wash thoroughly after handling. Keep closed.																				
Section 4 First Aid Measures																				
Heat, shock, friction, or contact with other materials may cause fire or explosion. Harmful if swallowed. Avoid breathing vapor or dust. Use adequate ventilation. Avoid contact with eyes, skin or clothes. Wash thoroughly after handling. Keep closed.																				
FIRST AID: CALL A PHYSICIAN. SKIN: Remove contaminated clothing. Wash exposed area with soap and water.																				
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:	Use only water!																			
Fire/Explosion Hazards:	Strong oxidizer. Will not burn, but thermal decomposition will release oxygen.																			
Fire Fighting Procedure:	Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and clothing.																			
Section 6 Accidental Release Measures																				
Flood area with water and drain to an approved chemical sewer or waste water treatment system. May be destroyed with sodium metabisulfite or sodium sulfite.																				
Section 7 Handling and Storage																				
Store in a cool, dry, well-ventilated place away from incompatible materials. Wash thoroughly after handling. Avoid contact with flammable or combustibles.																				
Section 8 Exposure Controls & Personal Protection																				
Respiratory Protection: None required																				
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Other Protective Equipment: Wear appropriate clothing to prevent skin exposure																				
Section 9 Physical and Chemical Properties																				
Melting Point:	-33 Deg C	Specific Gravity	1.13																	
Boiling Point:	108 Deg C	Percent Volatile by Volume:	100%																	
Vapor Pressure:	17.4 @ 25 Deg C	Evaporation Rate:	Information not available																	
Vapor Density:	Information not available	Evaporation Standard:																		
Solubility in Water:	Soluble	Auto ignition Temperature:	Not applicable																	
Appearance and Odor:	Colorless liquid with slightly pungent odor	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: Unstable Conditions to Avoid: Incompatibilities																				
Materials to Avoid:																				

Flammables, combustibles, Cyanides, Acids, permanganates, Reducing agents

Hazardous Decomposition Products:
Not known to occur

Hazardous Polymerization: Will Not Occur

Condition to Avoid: None known

Section 11 Additional Information

Strong oxidizer. Skin contact may cause irritation, burns, Eye contact may cause irritation, discomfort, burns. Ingestion may release large amounts of oxygen, Cause burns to GI and intestinal tract. Treat symptomatically. Persons with preexisting skin, eye or mucous membrane disorders may be more susceptible.

DOT Classification: Hydrogen Peroxide, aqueous solutions, 30%, 5.1, UN2014, PG II

DOT regulations may change from time to time. Please consult the most recent version of the relevant regulations.

Revision	Date Entered:	Approved by:
No:1	8/1/2007	WPF

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