

MATERIAL DATA SAFETY SHEET

HMIS Health: 1
 Ratings Flammability: 0
 Reactivity: 0

Identity: Sperian® Saline Concentrate - Product #32-000513 or as included with #32-000200 and #32-000310				
Section I				
Manufacturer: Sperian Eye & Face Protection, Inc.		Emergency Telephone: 1-800-336-3255		
Address: 825 East Highway 151 Platteville, WI 53818 USA		Information Telephone: 1-800-543-4842		
Date Prepared: 06/16/09				
Section II - Hazardous Ingredients/Identify Information				
Hazardous Components (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIH TLV	Other limits recommended	% (optional)
BENZALKONIUM CHLORIDE CAS #8001-54-5	NONE	NONE	N/A	<0.1%
Section III - Physical/Chemical Characteristics				
Boiling Point: 212°F (100°C)		Specific Gravity (H2O)=1: NOT DETERMINED.		
Vapor Pressure (mm Hg.): 760		Melting Point: N/A		
Vapor Density (Air = 1): NOT DETERMINED.		Evaporation Rate (Butyl Acetate = 1): NOT DETERMINED.		
Solubility in Water: 100%				
Appearance and Odor: COLORLESS LIQUID WITH NO DISCERNABLE ODOR.				
Section IV - Fire and Explosion Hazard Data				
Flash Point (Method Used): N/A		Flammable Limits:	LEL: N/A	UEL: N/A
Extinguishing Media: THIS IS A NONFLAMMABLE AQUEOUS SOLUTION.				
Special Fire Fighting Procedures: N/A				
Unusual Fire and Explosion Hazards: N/A				
Section V - Reactivity Data				
Stability	Unstable: NO	Conditions to Avoid: THIS PRODUCT IS CONSIDERED NON-REACTIVE AND STABLE UNDER NORMAL CONDITIONS OF STORAGE AND USAGE.		
	Stable: YES			
Incompatibility (Materials to Avoid): NONE KNOWN				
Hazardous Decomposition or Byproducts: NONE				
Hazardous Polymerization	May Occur: NO	Conditions to Avoid: NONE		
	Will Not Occur: YES			
Section VI - Health Hazard Data				
Route(s) of Entry: Inhalation?: NO Skin?: NO Ingestion?: YES				
Health Hazards (Acute and Chronic): INGESTION OF VOLUMES IN EXCESS OF 2 LITERS MAY CAUSE GASTRIC IRRITATION				
Carcinogenicity: NTP?: NO IARC Monographs?: NO OSHA Regulated?: NO				
Signs and Symptoms of Exposure: N/A				
Medical Conditions Generally Aggravated by Exposure: N/A				
Emergency First Aid Procedures: NOTES TO PHYSICIAN: IN THE UNLIKELY EVENT OF RAPID INGESTION OF LARGE VOLUMES OF THE SOLUTION, INDUCE VOMITING AND OBSERVE THE PATIENT FOR GASTRIC IRRITATION.				
Section VII - Precautions for Safe Handling and Use				
Steps to Be Taken in Case Material is Released or Spilled: FLUSH AREA WITH WATER. THE SOLUTION IS NOT RCRA HAZARDOUS WASTE.				
Waste Disposal Method: N/A				
Precautions to Be Taken in Handling and Storing: DO NOT FREEZE OR EXPOSE TO TEMPERATURES IN EXCESS OF 110°F (43°C) FOR EXTENDED PERIODS.				
Other Precautions: N/A				
Section VIII - Control Measures				
Respiratory Protection: N/A				
Ventilation	Local Exhaust: N/A		Special: N/A	
	Mechanical: N/A		Other: N/A	
Protective Gloves: USE OF PROTECTIVE GLOVES SUGGESTED WHEN MIXING THE CONCENTRATE WITH WATER.		Eye Protection: USE OF EYE PROTECTION SUGGESTED WHEN MIXING THE CONCENTRATE WITH WATER.		
Other Protective Clothing: N/A				
Work Hygienic Practices: N/A				