

MATERIAL SAFETY DATA SHEET

Identity: Health Saver® Brand Eye Wash, Buffered, Saline, Isotonic, Sterile – <i>Blue Label</i>					Page 1 of 2
Section I – Company Information					
Manufacturer: Niagara Pharmaceuticals, Inc.			Emergency Telephone: 1-800-424-9300 (CHEMTREC) 1-800-268-9017 (Poison Information Centre)		
Address: 60 Innovation Drive Flamborough, Ontario, Canada L9H 7P3			Telephone: (905) 690-6277 Fax: (905) 690-6281		
			Date Prepared: 14 July, 2005		
			Prepared By: Sean M. Gregory, Quality Assurance		
Section II – Material Identification and Information					
Components	CAS #	%	ACGIH TLV	LD ₅₀	LC ₅₀
Boric Acid	10043-35-3	1.7 - 2.1%	10 mg/m ³	3500 mg/kg (oral - rat)	N. Av.
Sodium Borate	1330-43-4	< 1%	5 mg/m ³	2000 mg/kg (oral - rabbit)	> 2000 mg/m ³ (rat)
Sodium Chloride	7647-14-5	< 1%	N. Av.	3000 mg/kg (oral - rat)	> 422 mg/kg (inh. - rat)
Disodium Edetate	6381-92-6	< 1%	10 mg/m ³	2000 mg/kg (oral - rat)	N. Av.
Benzalkonium Chloride	68424-85-1	< 0.1%	N. Av.	400 mg/kg (oral - rat)	N. Av.
Benzethonium Chloride	121-54-0	< 0.01%	N. Av.	420 mg/kg (oral - rat)	N. Av.
Section III – Physical / Chemical Characteristics					
Physical State: LIQUID			Specific Gravity (H ₂ O = 1): 1.000-1.020		
Boiling Point: N. Av.			Melting Point: N. Av.		
Vapour Pressure (mm Hg): N. Av.			Evaporative Rate (H ₂ O = 1): N. Av.		
Vapour Density (Air = 1): N. Av.			Water Reactive: NONE		
Solubility in Water: MISCIBLE			Percent Volatile: 97%		
Appearance and Odour: CLEAR, COLOURLESS LIQUID. CHARACTERISTIC ODOUR					PH: 6.3-7.8
Section IV – Fire and Explosion Hazard Data					
Flash Point (Method Used): N. Ap.			Auto-Ignition Temperature: N. Ap.		
Flammability Limits in Air % by Volume: N. Ap.			LEL: N. Ap.		UEL: N. Ap.
Extinguisher Media: CARBON DIOXIDE, WATER, FOAM					
Special Fire Fighting Procedures: NONE					
Unusual Fire and Explosion Hazards: NONE					
Section V – Reactivity Data					
Stability		Unstable: NO Stable: YES		Conditions to Avoid: NONE	
Incompatibility (Materials to Avoid): STRONG OXIDIZING MATERIALS, STRONG REDUCING AGENTS					
Hazardous Decomposition Products: CARBON MONOXIDE, CARBON DIOXIDE					
Hazardous Polymerisation		May Occur: NO Will Not Occur: YES		Conditions to Avoid: NONE	
Section VI – Health Hazard Data – Potential Acute Health Effects					
Eye Contact: PRODUCT IS INTENDED FOR USE IN EYES					
Skin Contact: NO EFFECT					
Inhalation: NO EFFECT					
Ingestion: MAY CAUSE STOMACH DISCOMFORT IF INGESTED					
Section VII – Health Hazard Data					
Emergency First Aid Procedures: SEEK MEDICAL ASSISTANCE FOR FURTHER TREATMENT, OBSERVATION, AND SUPPORT IF NECESSARY					
Eye Contact: NO FIRST AID PROCEDURES REQUIRED					
Skin Contact: NO FIRST AID PROCEDURES REQUIRED					
Inhalation: NO FIRST AID PROCEDURES REQUIRED					
Ingestion: DO NOT INDUCE VOMITTING. IF POSSIBLE, GIVE 3 TO 4 GLASSES OF MILK (if unavailable give water). CALL A PHYSICIAN IMMEDIATELY.					

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Section VIII – Control and Protective Measures		
Respiratory Protection (Specify Type): NONE		
Protective Gloves: NONE		Eye Protection: NONE
Ventilation to be Used:	Local Exhaust: YES	Special: NONE
	Mechanical (General): NONE	Other: NONE
Other Protective Clothing and Equipment: NONE		
Hygienic Work Practices: KEEP CONTAINER CLOSED WHEN NOT IN USE. ALWAYS READ LABEL BEFORE USE.		
Section IX – Precautions for Safe Handling and Use / Leak Procedures		
Steps to be Taken if Material is Spilled or Released: MOP UP USING LARGE AMOUNTS OF WATER. FLUSH DOWN SANITARY SEWER		
Waste Disposal Methods: IN ACCORDANCE WITH MUNICIPAL, PROVINCIAL, AND FEDERAL REGULATIONS		
Precautions to be Taken in Handling and Storage: KEEP AWAY FROM EXCESSIVE HEAT AND COLD. KEEP CONTAINER CLOSED WHEN NOT IN USE.		
Other Precautions and/or Special Hazards: READ LABEL BEFORE USE		
HMIS Rating:	Health: 1	Flammability: 0 Reactivity: 0 Personal Protection: 0
NFPA Rating:	Health: 1	Flammability: 0 Reactivity: 0 Special: 0
Section X – Other Information		
<p>N. Av. = Not Available N. Ap. = Not Applicable</p> <p>Product is intended for single use only. Sterility cannot be guaranteed once protective seal has been broken/removed.</p>		