



## MATERIAL SAFETY DATA SHEET

**Identity:** Dynaminc Safety Eye Wash Sterile,Buffered,Saline,Isotonic-

### 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: December 15, 2011
	Prepared By: Reesa James, Quality Assurance

### Section II - Material Identification and Information

Components	CAS #'s	%	ACGIH TLV	LD <sub>50</sub>	LC <sub>50</sub>
BORIC ACID	10043-35-3	< 2.0	10 mg/m <sup>3</sup>	3500 mg/kg(oral rat)	N.Av
SODIUM BORATE	1330-43-4	< 1.0	5mg/m <sup>3</sup>	2000mg/kg(oral rabbit)	>2000mg/m <sup>3</sup> (rat)
SODIUM CHLORIDE	7647-14-5	< 1.0	N.Av	3000 mg/kg(oral rat)	> 422mg/kg(rat)
DISODIUM EDETATE	6381-92-6	< 0.2	10 mg/m <sup>3</sup>	2000 mg/kg(oral rat)	N.Av
BENZALKONIUM CHLORIDE	68424-85-1	< 0.0125	N.Av	400 mg/kg(oral rat)	N.Av
BENZETHONIUM CHLORIDE	121-54-0	< 0.002	N.Av	420 mg/kg(oral rat)	N.Av

### Section III - Physical / Chemical Characteristics

Physical State: LIQUID	Specific Gravity (H2O = 1): 1.000-1.020
Boiling Point: N.Av	Melting Point: N.Av
Vapour Pressure (mm Hg): N.Av	Evaporation Rate ( Water = 1): N.Av
Vapour Density (Air = 1): N.Av	Water Reactive: NONE
Solubility in Water: MISCIBLE	Percent Volatile: 97%      pH: 6.3-7.8
Appearance and Odour: CLEAR, COLOURLESS TO VERY SLIGHTLY PALE YELLOW LIQUID, CHARACTERISTIC ODOUR	

### Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used): N/A	Auto-Ignition Temperature: N/A
Flammability Limits in Air % By Volume: N/A	LEL: N/A      UEL: N/A
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 Polymerization	May Occur: NO Will Not Occur: YES	Conditions to Avoid: NONE

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<b>Identity:</b> Dynamic Safety Eye Wash Sterile,Buffered,Saline,Isotonic-	
<b>Section VI - Health Hazard Data - Potential Acute Health Effects</b>	
Eye Contact:	PRODUCT IS INTENDED FOR USE IN THE OCULAR AREA
Skin Contact:	PRODUCT HAS NO EFFECT.
Inhalation:	PRODUCT HAS NO EFFECT.
Ingestion:	MAY CAUSE STOMACH DISCOMFORT IF INGESTED.
<b>Section VII - Health Hazard Data</b>	
Emergency First Aid Procedures:	SEEK MEDICAL ASSISTANCE FOR FURTHER TREATMENT, OBSERVATION AND SUPPORT IF NECESSARY.
Eye Contact:	NONE REQUIRED
Skin Contact:	NONE REQUIRED
Inhalation:	NONE REQUIRED
Ingestion:	DO NOT INDUCE VOMITING. IF POSSIBLE GIVE 3 TO 4 GLASSES OF MILK (if unavailable, give water). CALL A PHYSICIAN IMMEDIATELY.
<b>Section VIII - Control and Protective Measures</b>	
Respiratory Protection (Specify Type):	NONE
Protection Gloves:	NONE
	Eye Protection: NONE
Ventilation to be Used:	Local Exhaust: YES
	Mechanical (General): N/A
	Special: N/A
	Other: N/A
Other Protective Clothing and Equipment:	NOT REQUIRED.
Hygienic Work Practices:	KEEP CONTAINER CLOSED WHEN NOT IN USE. ALWAYS READ LABEL BEFORE USE.
<b>Section IX - Precautions for Safe Handling and Use / Leak Procedures</b>	
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. KEEP CONTAINER CLOSED WHEN NOT IN USE.
Other Precautions and/or Special Hazards:	KEEP FROM FREEZING. READ LABEL BEFORE USING.
HMS Rating:	Health: 1 Flammability: 0 Reactivity: 0 Personal Protection: 0
NFPA Rating:	Health: 1 Flammability: 0 Reactivity: 0 Special: 0
<b>Section X - Other Information</b>	
<p>N/A: Not Available</p> <p>N/A: Not Applicable</p> <p>Product is intended for single use only. Sterility cannot be guaranteed once protective seal has been broken/removed</p>	