

MATERIAL SAFETY DATA SHEET

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| Identity: Health Saver® Brand Eye Wash, Buffered, Saline, Isotonic, Sterile – Blue Label | | | | | 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 Hamborough, Ontario, Canada L9H 7P3 | | | Telephone: (905) 690-6277 | | Fax: (905) 690-6281 | |
| | | | Date Prepared: 29 July, 2004 | | | |
| | | | 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 | 1.9 | 10 mg/m ³ | 3500 mg/kg (oral - rat) | N. Av. | |
| Sodium Borate | 1330-43-4 | 0.5 | 5 mg/m ³ | 2000 mg/kg (oral - rabbit) | > 2000 mg/m ³ (rat) | |
| Sodium Chloride | 7647-14-5 | 0.5 | N. Av. | 3000 mg/kg (oral - rat) | > 422 mg/kg (inh. - rat) | |
| Disodium Edetate | 6381-92-6 | 0.1 | 10 mg/m ³ | 2000 mg/kg (oral - rat) | N. Av. | |
| Benzalkonium Chloride | 68424-85-1 | 0.026 | N. Av. | 400 mg/kg (oral - rat) | N. Av. | |
| Benzethonium Chloride | 121-54-0 | 0.001 | 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 | | | | | PII: 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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| Identity: Health Saver® Brand Eye Wash, Buffered, Saline, Isotonic, Sterile – <i>Blue Label</i> | | Page 2 of 2 |
| 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> | | |