

#5136

## MATERIAL SAFETY DATA SHEET

**Identity:** Health Saver® Water Treatment Additive - Blue Label

### Section I

Manufacturer: Niagara Pharmaceuticals Inc.	Emergency Telephone: (613) 996-6666 (collect) CANUTEC (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: August 15, 2002
	Prepared By: John Ioannou, Quality Control

### Section II - Material Identification and Information

Components (Chemical Names & Common Names) (Hazardous Components 1% or greater, Carcinogens 0.1% or greater)	CAS #'s	%	OSHA PEL	ACGIH TLV	OTHER LIMITS
CHLOROHEXIDINE GLUCONATE	18472-510	1-5			Oral Rat 2000mg/kg
PROPYLENE GLYCOL	57-55-6	10-20			

### Section III - Physical / Chemical Characteristics

Physical State: LIQUID	Specific Gravity (H2O = 1): 1.00
Boiling Point: >100°C	Melting Point: N/A
Vapour Pressure (mm Hg): N/A	Evaporation Rate (Water = 1): APPROX. 1
Vapour Density (Air = 1): <1	Water Reactive: NONE
Solubility in Water: GOOD	Percent Volatile: 90%   pH: 5.50 - 7.0
Appearance and Odour: CLEAR, WATER-WHITE LIQUID	

### Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used): NON-FLAMMABLE	Auto-Ignition Temperature: N/A
Flammability Limits in Air % By Volume: N/A	LEL: N/A   UEL: N/A
Extinguisher Media: CARBON DIOXIDE, DRY CHEMICALS, WATER FOG	
Special Fire Fighting Procedures: NONE	
Unusual Fire and Explosion Hazards: NONE	

### Section V - Reactivity Data

Stability Unstable: NO Stable: YES	Conditions to Avoid: HIGH TEMPERATURES
Incompatibility (Materials to Avoid): STRONG OXIDIZING MATERIALS	
Hazardous Decomposition Products: CARBON MONOXIDE	
Hazardous Polymerization May Occur: NO Will Not Occur: YES	Conditions to Avoid: NONE

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## Section VI - Health Hazard Data - Potential Acute Health Effects

**Eye Contact:** WILL CAUSE IRRITATION AND REDNESS TO EYE.

**Skin Contact:** MAY CAUSE MILD IRRITATION TO SKIN AREA.

**Inhalation:** PRODUCT HAS NO EFFECT.

**Ingestion:** MAY CAUSE SEVERE 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:** FLUSH EYES WITH LARGE AMOUNTS OF WATER FOR 15 MINUTES.

**Skin Contact:** WASH EFFECTED AREA WITH SOAP AND WATER.

**Inhalation:** REMOVE PATIENT TO FRESH AIR.

**Ingestion:** DO NOT INDUCE VOMITING. GIVE VICTIM LARGE QUANTITIES OF WATER. SEEK MEDICAL HELP.

## Section VIII - Control and Protective Measures

**Respiratory Protection (Specify Type):** NIOSH/ MSHA APPROVED

**Protection Gloves:** RUBBER GLOVES

**Eye Protection:** GLASSES- SAFETY TYPE

**Ventilation to be Used:**

**Local Exhaust:** YES

**Special:** N/A

**Mechanical (General):** N/A

**Other:** USE IN WELL VENTILATED AREA

**Other Protective Clothing and Equipment:** NOT REQUIRED

**Hygienic Work Practices:** FOLLOW INSTRUCTIONS OUTLINED ON LABEL.

## Section IX - Precautions for Safe Handling and Use / Leak Procedures

**Steps to be taken if Material is Spilled or Released:** FLUSH AREA W/LARGE AMOUNTS OF POTABLE WATER DOWN SANITARY SEWER.

**Waste Disposal Methods:** IN ACCORDANCE WITH MUNICIPAL, PROVINCIAL AND FEDERAL REGULATIONS.

**Precautions to be Taken in Handling and Storage:** STORE IN A COOL AREA

**Other Precautions and/or Special Hazards:** NONE

**HMIS Rating:** Health: 1 Flammability: 0 Reactivity: 0 Personal Protection: 1

**NFPA Rating:** Health: 1 Flammability: 0 Reactivity: 0 Special: 0