

# MATERIAL SAFETY DATA SHEET

MSDS4805

**Identity:** AQUASEP By Guardian Equipment (Model G1540BA)

**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: 15-Aug-02
	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
CHLOROHYDROXYDINE GLUCONATE	18472-510	1-5			Oral RM 2000 mg/kg
PROPYLENE GLYCOL	57-55-6	10-20			

**Section III Physical / Chemical Characteristics**

Physical State: LIQUID	Specific Gravity (H <sub>2</sub> O = 1):	1.00
Boiling Point: >100°C	Melting Point:	N/A
Vapor Pressure (mm Hg): N/A	Evaporation Rate (Water = 1):	APPROX. 1
Vapor Density (Air = 1): <1	Water Reactive:	NONE
Solubility in Water: GOOD	Percent Volatile:	90% pH: 5.50 - 7.0
Appearance and Odor: 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

**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 MED. 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 PLACE
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	