

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
CHLOROHEXIDINE 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 ₂ 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%
Appearance and Odor:	CLEAR, WATER-WHITE LIQUID	pH:	5.50 - 7.0

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
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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