

# MATERIAL SAFETY DATA SHEET (MSDS)

Product name: **PORTABLE SELF-CONTAINED EYEWASH STATION PRESERVATIVE,  
MODEL G1540BA - AQUASEP**

Last revised date: Jun 18, 2013      Print date: Jun 18, 2013

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## 1. SUBSTANCE AND SUPPLIER IDENTIFICATION

PRODUCT NAME: Portable Self-Contained Eyewash Station Preservative  
MANUFACTURER: Germiphene Corporation  
ADDRESS: 1379 Colborne Street East, Brantford, Ontario N3T 5M1, Canada  
PHONE: 519-759-7100  
FAX: 519-759-1625  
EMERGENCY PHONE: CANUTEC 613-996-6666  
DISTRIBUTOR: Guardian Equipment Company  
DISTRIBUTOR ADDRESS: 1140 N. North Branch Street, Chicago, IL 60642 U.S.A.  
DISTRIBUTOR PHONE: 312-447-8100  
DISTRIBUTOR EMAIL: [info@gesafety.com](mailto:info@gesafety.com)  
PRODUCT USE: Preserves potable water in eyewash stations.

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## 2. COMPOSITION / INFORMATION ON INGREDIENTS

INGREDIENT: Chlorhexidine Gluconate  
CAS No 18472-51-0      % wt      1  
HAZARDOUS: yes

INGREDIENT: Propylene Glycol  
CAS No 57-55-6      % wt      10  
HAZARDOUS: yes

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## 3. HAZARD IDENTIFICATION

EMERGENCY OVERVIEW: May cause irritation.  
ACUTE HEALTH HAZARDS: Not known.  
CHRONIC HEALTH HAZARDS: Not known.

### HAZARD RATINGS

	NPCA/HMIS	NFPA 704	RATING KEY
HEALTH	1	1	0=minimal
FLAMMABILITY	0	0	1=slight
REACTIVITY	1	1	2=moderate
			3=serious
			4=sever

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## 4. FIRST AID MEASURES

EYES: Flush with plenty of water for at least 15 minutes. Get medical attention if irritation persists.  
SKIN: Remove contaminated cloth and rinse skin thoroughly with water.  
INGESTION: Drink plenty of water. If uncomfortable, seek medical attention.  
INHALATION: Move into fresh air and keep at rest.

NOTE TO PHYSICIAN: In case of ingestion, monitor for acidosis and central nervous system changes.  
Exposed persons with previous kidney dysfunction may require special treatment.

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## 5. FIREFIGHTING MEASURES

FLAMMABILITY: No  
COMBUSTIBLE: No  
HAZARDOUS COMBUSTION PRODUCTS: N/Av  
EXTINGUISHING MEDIA: None  
SPECIAL FIRE FIGHTING PROCEDURES: None  
UNUSUAL FIRE AND EXPLOSION HAZARDS: None

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## 6. ACCIDENTAL RELEASE MEASURES

Ventilate area of leak or spill. Wipe with absorbent paper, use industrial cleaning compound.

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## 7. HANDLING AND STORAGE

Store between 0oC and 30 oC.

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## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

VENTILATION: Recommended.  
RESPIRATORY PROTECTION: N/A  
EYE PROTECTION: Yes. Goggles recommended.  
SKIN PROTECTION: Yes. Protective gloves recommended.  
OTHER PROTECTIVE CLOTHING OR EQUIPMENT: No

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Clear liquid, colourless to light yellow  
ODOUR: Odourless  
PHYSICAL STATE: Liquid  
pH: 5.0 - 7.0  
BOILING POINT: N/Av  
FREEZING POINT: N/Av  
EVAPORATION RATE: N/Av  
VISCOSITY @ 22 ± 1°C: N/Av  
VAPOUR PRESSURE (mmHg): N/Av  
SPECIFIC GRAVITY @ 22 ± 1°C: 1.00 – 1.10  
SOLUBILITY: Infinitely soluble in water.

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## 10. STABILITY AND REACTIVITY

STABILITY: Stable  
CONDITIONS TO AVOID (STABILITY): None  
INCOMPATIBILITY (MATERIAL TO AVOID): None  
HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: None  
HAZARDOUS POLYMERIZATION: No  
CONDITIONS TO AVOID (POLYMERIZATION): None

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## 11. TOXICOLOGICAL INFORMATION

CHLORHEXIDINE GLUCONATE      Oral rat LD50 1.8 g/kg  
PROPYLENE GLYCOL              Oral rat LD50 20 g/kg  
   Dermal rabbit LD50 20.8 g/kg  
   Eye irritation rabbit(Draize) 500 mg/24h, mild

