

# MATERIAL SAFETY DATA SHEET

Product name: **PORTABLE SELF-CONTAINED EYEWASH STATION PRESERVATIVE**  
Last revised date: 12 December 2013  
Print date: 12 December 2013

## 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  
**PRODUCT USE:** Preserves potable water in eyewash stations.

## 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

## 3. HAZARD IDENTIFICATION

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

### HAZARD RATINGS

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

## 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

## 6. ACCIDENTAL RELEASE MEASURES

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

## 7. HANDLING AND STORAGE

Store between 0°C and 30 °C.

## 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

## 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.

## 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

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CONDITIONS TO AVOID (POLYMERIZATION): None

## 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

## 12. ECOLOGICAL INFORMATION

N/Av

## 13. DISPOSAL CONSIDERATIONS

**WASTE DISPOSAL METHOD:** Dispose in accordance with Federal, Provincial and Municipal regulations.

## 14. TRANSPORT INFORMATION

N/Av

## 15. REGULATORY INFORMATION

**DANGER SYMBOL:** Not required

**RISK PHRASES:** None

### USEPA REGULATIONS

TSCA Inventory-all components are listed on the USEPA's TSCA Inventory.  
SARA Title III-Hazard Class(es): Acute Health Hazard  
SARA Title III-Section 313 Supplier Notification: This product contains no such chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act (EPCRA) of 1986 and of 40 CFR 372.

### Canada Controlled Products Regulations Information

Domestic Substance List (DSL)- all components are listed on the DSL.  
Components Toxicology Data

Component (CASRN)	LD <sub>50</sub> (Route/Species)	LC <sub>50</sub> (Species)
Propylene glycol (57-55-6)	20,000 mg/kg (oral/rat)	No data available
Chlorhexidine gluconate (18472-51-0)	No data available	No data available

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**WHMIS Hazard Classification(s) of product:** none applicable.  
Components on Ingredients Disclosure List: Propylene glycol (CASRN 57-55-6).

## 16. OTHER INFORMATION

**Prepared by:** Germiphene Technical Department

### *Disclaimer*

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