

# SAFETY DATA SHEET

Product name: **AQUASEP PRESERVATIVE FOR POTABLE WATER**  
Last revised date: 30 October 2014  
Print date: 30 October 2014

## 1. SUBSTANCE AND SUPPLIER IDENTIFICATION

**PRODUCT NAME:** Aquasep preservative for potable water  
**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. HAZARD IDENTIFICATION

### GHS Classification:

	Health	Environmental	Physical
Acute Toxicity:	Category 4	Acute Toxicity: None Known	
Skin Irritation:	Category 2	Chronic Toxicity: None Known	
Serious Eye Damage/Irritation:	Category 2		

<u>Hazard Statements</u>	<u>Precautionary Statements</u>
H320: Causes eye irritation	P280: Wear appropriate protective gloves/eye protection
H316: Causes mild skin irritation	
H303: May be harmful if swallowed	

**HAZARD STATEMENTS:** Causes eye irritation.  
Concentrated solutions have been known to cause serious eye damage if not promptly rinsed from the eye.  
May cause deafness if instilled in the inner ear through perforated eardrums.

**SIGNAL WORD:** Warning

### SYMBOLS:



## 3. COMPOSITION / INFORMATION ON INGREDIENTS

INGREDIENT:	CAS No:	% wt:	HAZARDOUS:
Chlorhexidine Gluconate	18472-51-0	1	yes
Propylene Glycol	57-55-6	10	yes

## 4. FIRST AID MEASURES

**EYES:** Flush with plenty of water for at least 15 minutes. Get medical attention if irritation persists.

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**SKIN:** Remove contaminated clothing 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.

## 5. FIREFIGHTING MEASURES

<b>FLAMMABILITY:</b>	No				
<b>COMBUSTIBLE:</b>	No				
<b>HAZARDOUS COMBUSTION PRODUCTS:</b>	N/Av		NPCA/ HMIS	NFPA 704	0=minimal
<b>EXTINGUISHING MEDIA:</b>	None	Health	1	1	1=slight
<b>SPECIAL FIRE FIGHTING PROCEDURES:</b>	None	Flammability	0	0	2=moderate
<b>UNUSUAL FIRE AND EXPLOSION HAZARDS:</b>	None	Reactivity	1	1	3=serious 4=severe

## 6. ACCIDENTAL RELEASE MEASURES

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

## 7. HANDLING AND STORAGE

**HANDLING:** Avoid contact with eyes, skin, and clothing.  
**STORAGE:** Store between 0°C and 30 °C.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**EXPOSURE LIMITS:** Not available  
**ENGINEERING CONTROLS:** Ventilation is recommended. Immediately flush eyes and skin with water.

### Personal Protective Equipment (PPE)

**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

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**VAPOUR PRESSURE (mmHg):** N/Av  
**SPECIFIC GRAVITY @ 22 ± 1°C:** 1.00 - 1.10  
**SOLUBILITY:** Infinitely soluble in water.  
**ODOR THRESHOLD:** N/Av  
**RELATIVE DENSITY:** N/Av  
**FLASH POINT:** None  
**FLAMMABILITY:** None  
**FLAMMABILITY/EXPLOSIVE LIMITS:** None

## 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

## 11. TOXICOLOGICAL INFORMATION

**LIKELY ROUTES OF EXPOSURE:** Skin and eye contact

**SKIN CONTACT:** Unknown  
**EYE CONTACT:** May cause eye irritation.  
**INHALATION:** Unknown  
**INGESTION:** Unknown

**CHRONIC (LONG TERM) EFFECTS:** Unknown

### TOXICITY:

**Chlorhexidine Gluconate** Oral: LD50 1.8 g/kg (rat)  
**Propylene Glycol** Oral: LD50 20 g/kg (rat), Dermal: LD50 20.8 g/kg (rabbit)  
Eye irritation rabbit (Draize) 500 mg/24h, mild

**CARCINOGENICITY:** Not a known carcinogen according to the National Toxicology Program 13<sup>th</sup> Carcinogen Report.

## 12. ECOLOGICAL INFORMATION

**ECOTOXICITY:** Not available  
**MOBILITY:** Not available  
**DEGRADABILITY:** No known hazardous degradable products  
**BIOACCUMULATION:** Not available

## 13. DISPOSAL CONSIDERATIONS

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

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## 14. TRANSPORT INFORMATION

N/Av

## 15. REGULATORY INFORMATION

**DANGER SYMBOL:**



**RISK PHRASES:** Warning

**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)	1,800 mg/kg (oral/rat)	No data available

**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  
**Reissue date/Reason for reissue:** 29 Oct 2014 / Modified GHS Standard Format  
**Intended use of product:** Preserves potable water in eyewash stations

### Disclaimer

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