

# SAFETY DATA SHEET

Revision #4

Product name: **Preservative Solution**  
Revision Date: 09 February 2023

## 1. SUBSTANCE AND SUPPLIER IDENTIFICATION

**PRODUCT NAME:** Preservative Solution  
**MANUFACTURER:** Germiphene Corporation  
**ADDRESS:** 1379 Colborne St. E., Brantford, Ontario, N3T 5M1 Canada  
**PHONE:** 519-759-7100  
**FAX:** 519-759-1625

**EMERGENCY PHONE:** CANUTEC 613-996-6666

**PRODUCT USE:** A preservative for potable water

**USE OF SDS:** While this material is not considered hazardous under normal and reasonably foreseeable use, this SDS contains valuable information critical to the safe handling and proper use of the product for industrial workplace conditions as well as unusual and unintended exposure such as large spills. This SDS should be retained and available for employees and other users of the product. For specific intended-use guidance, please refer to the information provided on the package or instruction sheet.

## 2. HAZARD IDENTIFICATION

**NOTE:** *At use-dilution, this product is safe for its intended use and is not expected to irritate the eyes. The hazard classification below is for the concentrated (undiluted) product only.*

**SIGNAL WORD:** Warning

**SYMBOLS:** None

### GHS Classification for Concentrated Product:

	<u>Health</u>	<u>Environmental</u>	<u>Physical</u>
Skin Irritation:	Category 3	None known	None known
Eye Irritation:	Category 2B		

### HAZARD STATEMENTS:

H320: Causes eye irritation  
H316: Causes mild skin irritation

### PRECAUTIONARY STATEMENTS:

P264: Wash hands thoroughly after handling.  
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P337+P313: If eye irritation persists, get medical attention.  
P332 + P313: If skin irritation occurs, get medical advice/attention.

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

INGREDIENT:	CAS No:	% wt	Hazards (GHS Category)
*Proprietary*	*Proprietary*	< 10%	Eye irritation (C 2A) Specific Target Organ Toxicity (C 3)
*Proprietary*	*Proprietary*	< 10%	Eye irritation (C 2B) Skin irritation (C 3)

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## 4. FIRST AID MEASURES (for concentrate)

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

**FLAMMABILITY:** No  
**COMBUSTIBLE:** No  
**HAZARDOUS COMBUSTION PRODUCTS:** Not available  
**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

**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

### Personal Protective Equipment (PPE)

**RESPIRATORY PROTECTION:** Not required for normal use.  
**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:** Not available  
**FREEZING POINT:** Not available  
**EVAPORATION RATE:** Not available  
**VISCOSITY @ 22 ± 1°C:** Not available  
**VAPOUR PRESSURE (mmHg):** N Not available  
**SPECIFIC GRAVITY @ 22 ± 1°C:** 1.00 - 1.10  
**SOLUBILITY:** Infinitely soluble in water.  
**ODOR THRESHOLD:** Not available  
**RELATIVE DENSITY:** Not available  
**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:** Concentrated solution may cause skin irritation.  
**EYE CONTACT:** Concentrated solution may cause eye irritation.  
**INHALATION:** Unknown  
**INGESTION:** Unknown  
**CHRONIC (LONG TERM) EFFECTS:** Unknown  
**TOXICITY:**  
**\*Proprietary\*** Oral: LD50 1.8 g/kg (rat)  
**\*Proprietary\*** 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

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## 13. DISPOSAL CONSIDERATIONS

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

## 14. TRANSPORT INFORMATION

Not classified as a hazardous good under Transport Canada TDG Regulations.

## 15. REGULATORY INFORMATION

### 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.

**WHMIS Hazard Classification(s) of product:** none applicable.

## 16. OTHER INFORMATION

**Prepared by:** Germiphene Technical Department

### Disclaimer

*No representations or warranties, either expressed or implied, of merchantability, fitness for a particular purpose, or of any nature are made with respect to the product or information contained in this Material Safety Data Sheet. All information contained herein is presented in good faith and is believed to be appropriate and accurate. However, neither the above named supplier, nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist. The buyer or user assumes all risks associated with the use, misuse or disposal of this product. The buyer or user is responsible to comply with all federal, state, provincial, or local regulations concerning the use, misuse, or disposal of these products.*