

SAFETY DATA SHEET

Revision #5

Product name: **AQUASEP PRESERVATIVE FOR POTABLE WATER**
Revision Date: Sep 26, 2016
Expiry: Sep 26, 2019

1. SUBSTANCE AND SUPPLIER IDENTIFICATION

PRODUCT NAME: Aquasep preservative for potable water

DISTRIBUTOR: Guardian Equipment Inc.
ADDRESS: 1140 N. North Branch Street, Chicago, IL 60642 U.S.A.
PHONE: 312-447-8100
EMAIL: info@gesafety.com

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 Undiluted Product:

	Health	Environmental	Physical
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.

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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)

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 13th 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
Intended use of product: A preservative for potable water

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.