1. SUBSTANCE AND SUPPLIER IDENTIFICATION

PRODUCT NAME: Gluterate
DIN: 02217902

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: Sterilizer and high-level disinfectant

2. HAZARD IDENTIFICATION

EMERGENCY OVERVIEW: Risk of serious damage to eyes. Harmful if swallowed. May cause skin irritation or sensitization. Vapor may cause irritation of the upper respiratory tract. Legal exposure limit to gluteraldehyde vapours is 0.2 ppm.

SYMBOL:



SIGNAL WORD: Danger

GHS Classification:

	GID CIABBILICACION	• •		
Health			Environmental	Physical
	Skin Irritant:	Category 2		
	Serious Eye Damage:	Category 1		
	Oral Toxicity:	Category 4		
	Skin sensitizer:	Category 1		

Hazard Statements	Precautionary Statements
H302: Harmful if swallowed	P261: Avoid breathing vapours.
H315: Causes skin irritation	P264: Wash thoroughly after handling.
H318: Causes serious eye damage	P270: Do not eat, drink, or smoke when using this product.
H317: May cause an allergic skin	P272: Contaminated work clothing should not be allowed out
reaction	of the workplace.
	P280: Wear protective gloves, eye protection, and face
	protection.
	P301+P312: IF SWALLOWED: Call a poison center or doctor if
	you feel unwell.
	P302+P352: IF ON SKIN: Wash with plenty of water.
	P305+P351+P339: IF IN EYES: Rinse cautiously with water for
	several minutes. Remove contact lenses, if present and easy
	to do. Continue rinsing.
	P310: Immediately call a Poison center or doctor if in
	eyes.
	P332+P313: If skin irritation or rash occurs, get medical

Germiphene Corporation Page 1 of 4

attention.

P362+P364: Take off contaminated clothing and wash it

before reuse.

P501: Dispose of contents/container n accordance with local/regional/national/international regulations.

3. COMPOSITION / INFORMATION ON INGREDIENTS

INGREDIENT:Glutaraldehyde

CAS NO 111-30-8 % WT 2

HAZARDOUS: yes

INGREDIENT: Isopropyl alcohol

CAS NO 67-63-0 % **WT** 1-5

HAZARDOUS: yes

4. FIRST AID MEASURES

EYES: Wash eyes with plenty of water for at least 15 minutes. Seek medical

attention.

SKIN: Wash with soap and water. If irritation persists, contact a

physician.

INGESTION: Give large amounts of water. DO NOT INDUCE VOMITING. Contact

physician immediately.

INHALATION: Remove person to fresh air. Contact a physician if difficulty in

breathing persists.

5. FIREFIGHTING MEASURES

FLAMMABILITY: Not flammable.

HAZARDOUS DECOMPOSITION PRODUCTS: N/Av

6. ACCIDENTAL RELEASE MEASURES

Contain spilled material. Provide adequate ventilation. Spill should be collected in suitable containers or absorbed on a suitable absorbent material for subsequent disposal.

7. HANDLING AND STORAGE

HANDLING AND STORAGE: Store in a cool well-ventilated area. Keep container closed

when not in use. Avoid breathing vapours. Avoid contact with

eyes.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

VENTILATION: Use adequate ventilation.
RESPIRATORY PROTECTION: Avoid breathing vapours.
EYE PROTECTION: Avoid contact with eyes.

Germiphene Corporation Page 2 of 4

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Clear, slightly yellow liquid

ODOUR: Characteristic, peppermint/gluterate

PHYSICAL STATE: Liquid
pH @ 22 ± 1°C: 5.0 - 6.0
BOILING POINT: N/Av
MELTING POINT: N/Av
FREEZING POINT: N/Av
VAPOR PRESSURE (mmHg): N/Av

SPECIFIC GRAVITY @ 22 ± 1°C: 0.90 - 1.01 SOLUBILITY IN WATER: Soluble

10. STABILITY AND REACTIVITY

STABILITY: Stable

CONDITIONS TO AVOID (STABILITY): Avoid contact with other chemicals.

INCOMPATIBILITY (MATERIAL TO AVOID): Incompatible with strong bases, strong

acids, strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: N/Av

11. TOXICOLOGICAL INFORMATION

GLUTARALDEHYDE 25% Oral rat LD50 134 mg kg-1

Inhalation rat LC50 480 mg/m3/4h Skin rabbit LD50 > 2500 mg kg-1

SKIN: rabbit 4 hr covered 2/6 with necrosis

 ${\tt SKIN:}$ rabbit 1 hr occluded minor to severe erythema and edema with necrosis, scabbing, desquamation, and alopecia

EYE: rabbit 0.005 ml severe corneal injury, iritis,

swelling and necrosis of eyelid

EYE: rabbit 0.5ml 5% solution in water severe corneal injury, iritis, swelling and necrosis of eyelid.
EYE: rabbit 0.5ml 1% solution in water trace corneal

injury

SENSITIZATION (ANIMAL AND HUMAN STUDIES)

Guinea Pig Maximization Test: intradermal injection of a 0.1% glutaraldehyde solution and topical administration of

a 5% solution. Evidence of delayed contact

hypersensitivity in 68% of test animals upon challenge.

Intraperitoneal rat LD50 17.9 mg kg-1

Oral guinea pig LD50 50 mg kg-

ISOPROPYL ALCOHOL Oral rat LD50 5045 mg kg-1

Skin rabbit LD50 12800 mg kg-1 Oral mouse LD50 3600 mg kg-1

12. ECOLOGICAL INFORMATION

N/Av

Germiphene Corporation Page 3 of 4

13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: According to state, federal, provincial, and local

regulations.

14. TRANSPORT INFORMATION

Not regulated by TDG. Proper shipping name: 2% Glutaraldehyde solution.

UN HAZARD CODES: Class 8, corrosive substances

15. REGULATORY INFORMATION

N/Av

16. OTHER INFORMATION

Prepared by: Germiphene Technical Department

Revision date/reason: 06 May 15 / Classify product according to GHS

Disclaimer

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Germiphene Corporation Page 4 of 4