

SAFETY DATA SHEET

Revision #0

Product name: **SUPER GERMIPHENE CONCENTRATE**
Last revised date: 30 April 2015
Expiry: 30 April 2018

1. SUBSTANCE AND SUPPLIER IDENTIFICATION

PRODUCT NAME: Super Germiphene Concentrate
DIN: 02243241
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: Disinfectant and sanitizer.

2. HAZARD IDENTIFICATION



SYMBOLS:

SIGNAL WORD: Warning

GHS Classification:

	Health	Environmental	Physical
Eye Irritant:	Category 2A		
Skin Irritant:	Category 2		
Oral Toxicity:	Category 5		

<u>Hazard Statements</u>	<u>Precautionary Statements</u>
H319 Causes serious eye irritation	P332+P313: If skin irritation occurs, get medical attention.
H315 Causes skin irritation	P280: Wear protective gloves/protective clothing/eye protection/face protection.
H302 Harmful if swallowed	P264: Wash thoroughly after handling.
	P305+P351+P338: IF IN EYES: Rinse continuously 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.
	P330: Rinse mouth if swallowed and get medical advice/attention

HEALTH HAZARDS OR RISKS FROM EXPOSURE:

ROUTES OF EXPOSURE: Eye, Skin contact, Inhalation, Ingestion

INGESTION: Irritation and burning of mouth, throat and GI tract.
INHALATION: Irritation of mucous membranes.
CHRONIC EXPOSURE: May cause drying and irritation of skin
SENSITIZATION Irritant

3. COMPOSITION / INFORMATION ON INGREDIENTS

INGREDIENT: N,N-Dimethyl-1-octylamine-N-oxide
CAS No 2605-78-9 **% wt** 2.0-4.0

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HAZARDOUS: yes

INGREDIENT: Sodium Nitrite

CAS No 7632-00-0 **% wt** 1.0 - 3.0

HAZARDOUS: yes

INGREDIENT: N,N-Didecyl-N,N-dimethylammonium chloride

CAS No 7173-51-5 **% wt** 2.0 - 2.4

HAZARDOUS: yes

INGREDIENT: Alkyldimethylbenzylammonium chloride

CAS No 68424-85-1 **% wt** 1.0 - 1.6

HAZARDOUS: yes

4. FIRST AID MEASURES

EYES: Immediately flush eyes with running water for at least 15 minutes, holding the eyelids apart to ensure rinsing of the entire surface of the eye and lids with water. Seek medical attention immediately. If physician is not available, flush for an additional 15 minutes and then transport victim to medical care.

SKIN: Wash with large amount of running water and soap (if available) for 15 minutes. Remove contaminated clothing and shoes. Get immediate medical attention. Wash clothing and decontaminate shoes before reuse.

INGESTION: Never give anything by mouth if victim is rapidly losing consciousness or is unconscious or convulsing. If vomiting occurs naturally, have victim lean forward to reduce risk of aspiration. Seek medical attention immediately. Do not induce vomiting.

INHALATION: Remove victim to fresh air. Artificial respiration should be given if necessary. Seek medical attention immediately.

5. FIREFIGHTING MEASURES

FLAMMABILITY: No

COMBUSTIBLE: N/Av

HAZARDOUS COMBUSTION PRODUCTS: Oxides of carbon and nitrogen, hydrochloric acid fumes.

6. ACCIDENTAL RELEASE MEASURES

Small spills should be flushed with large quantities of water. Large spills should be collected for disposal.

7. HANDLING AND STORAGE

Store in a cool dry place. Keep containers closed when not in use.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

VENTILATION: Provide mechanical ventilation of confined spaces for continuous use.

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RESPIRATORY PROTECTION: No
EYE PROTECTION: Yes. Chemical splash goggles.
SKIN PROTECTION: Yes. Use rubber, vinyl, PVA gloves for prolonged use.
OTHER PROTECTIVE CLOTHING OR EQUIPMENT: No

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Clear colourless to light yellow or pale straw coloured, water-like
ODOUR: Mild
PHYSICAL STATE: Liquid
pH: 7.2 - 8.2
BOILING POINT: 100 °C
FREEZING POINT: N/Av
EVAPORATION RATE: Same as water
VISCOSITY: N/Av
VAPOUR PRESSURE (mmHg): N/Av
SPECIFIC GRAVITY: 0.98 - 1.020
SOLUBILITY: N/Av
FLASH POINT: > 100 °C

10. STABILITY AND REACTIVITY

STABILITY: Yes
CONDITIONS TO AVOID (STABILITY): N/Av
INCOMPATIBILITY (MATERIALS TO AVOID): Anionic materials, oxidants, acids, ammonia salts, organic materials.
HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of carbon and nitrogen.

11. TOXICOLOGICAL INFORMATION

N,N-DIMETHYL-1-OCTYLAMINE-N-OXIDE Oral rat LD50 > 2000 mg/kg
SODIUM NITRITE Oral rat LD50 157.9 mg/kg
N,N-DIDECYL-N,N-DIMETHYLAMMONIUM CHLORIDE Oral rat LD50 238 mg/kg
ALKYLDIMETHYLBENZYLAMMONIUM CHLORIDE Oral rat LD50 344 mg/kg

12. ECOLOGICAL INFORMATION

N/Av

13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Dispose in accordance with federal, provincial and local regulations.

14. TRANSPORT INFORMATION

Not regulated by TDG.

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15. REGULATORY INFORMATION

WHMIS CATEGORY: Exempt - Drug product

GHS Classification:

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Eye Irritant:	Category 2A		
Skin Irritant:	Category 2		
Oral Toxicity:	Category 5		

16. OTHER INFORMATION

Prepared by: Germiphene Technical Department

Disclaimer

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