

MATERIAL SAFETY DATA SHEET

Product name: **SUPER-GERMIPHENE CONCENTRATE**
Last revised date: 5 December 2013
Print date: 18 December 2013

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. COMPOSITION / INFORMATION ON INGREDIENTS

INGREDIENT: N,N-Dimethyl-1-octylamine-N-oxide
CAS No 2605-78-9 **% wt** 0.7 - 0.9
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 Mixture **% wt** 2.0 - 2.3
HAZARDOUS: yes

INGREDIENT: Propylene Glycol
CAS No 57-55-6 **% wt** 5 - 10
HAZARDOUS: yes

INGREDIENT: Alkyldimethylbenzylammonium chloride
CAS No N/Av **% wt** 1.0 - 1.5
HAZARDOUS: yes

3. HAZARD IDENTIFICATION

EYES: Causes irritation.
SKIN: Causes irritation.
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

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4. FIRST AID MEASURES

EYES: Wash eyes with plenty of water for at least 15 minutes. Call a physician immediately.
SKIN: Wash well with soap and water. If irritation persists, consult a physician.
INGESTION: Do not induce vomiting. Rinsed mouth with water. Drink milk or water. Do not give anything by mouth if victim is unconscious. Obtain medical attention immediately.
INHALATION: Remove victim to fresh air. Contact physician if difficulty in breathing persists.

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.
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

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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 180 mg/kg
Oral rabbit LD50 178 mg/kg
Intravenous rat 65 mg/kg
N,N-DIDECYL-N,N-DIMETHYLAMMONIUM CHLORIDE Oral rat LD50 366 mg/kg
Dermal rabbit LD50 204 mg/kg; 645 mg/kg
(2 tests)
PROPYLENE GLYCOL Oral rat 21 g/kg
ALKYLDIMETHYLBENZYLAMMONIUM CHLORIDE N/Av

12. ECOLOGICAL INFORMATION

N/Av

13. DISPOSAL CONSIDERATIONS

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

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14. TRANSPORT INFORMATION

Not regulated by TDG.

15. REGULATORY INFORMATION

WHMIS CATEGORY: Exempt - Drug product

16. OTHER INFORMATION

Prepared by: Germiphene Technical Department

Disclaimer

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