

SAFETY DATA SHEET

Revision #2

Product name: **SUPER GERMIPHENE CONCENTRATE**
Last revised date: March 09, 2016
Expiry: March 09, 2019

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. Product to be diluted before use.

2. HAZARD IDENTIFICATION

SIGNAL WORD: Danger
SYMBOLS:



GHS Classification (for Concentrated Product):

	Health	Environmental	Physical
Eye Damage:	Category 1	None known	None known
Skin Irritation:	Category 2		

HAZARD STATEMENTS:

H318: Causes serious eye damage
H315: Causes skin irritation

PRECAUTIONARY STATEMENTS:

P280: Wear protective gloves/protective clothing/eye protection/face protection.
P264: Wash hands 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.
P310: Immediately call a doctor.
P302+P352: IF ON SKIN: Wash with plenty of water.
P362+P364: Take off contaminated clothing and wash it before reuse.
P332+P313: If skin irritation occurs, get medical attention.

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3. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient	CAS No.	% wt	Hazards
Sodium nitrite	7632-00-0	1-5%	-Acute oral toxicity (C3) -Serious eye damage/irritation (C2) -Specific target organ toxicity (repeated exposure) (C2) Target Organs - Kidney, Liver, Blood, Cardiovascular system -Oxidizing solids (C3)
Proprietary	*Proprietary*	1-5%	-Skin irritation (C2) -Eye irritation (C2A) -Specific target organ toxicity - single exposure (C3)
Proprietary	*Proprietary*	1-5%	-Flammable liquid (C3) -Acute oral toxicity (C4) -Acute Dermal Toxicity (C4) -Skin corrosion (C1B) -Serious eye damage (C1)
Proprietary	*Proprietary*	1-5%	-Flammable liquid (C3) -Acute oral toxicity (C4) -Acute Dermal Toxicity (C4) -Skin corrosion (C1B) -Serious eye damage (C1)
Sodium hydroxide	1310-73-2	<1%	-Skin corrosion/irritation (C1A) -Serious eye damage/irritation (C1) -Corrosive to metals (C1)
Disodium salt of ethylenediaminetetraacetic acid dihydrate	6381-92-6	<1%	-Acute toxicity - inhalation (C4)

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 person to medical care.

SKIN: Wash with plenty of running water and soap (if available). Remove contaminated clothing and shoes. Wash clothing and decontaminate shoes before reuse. Get medical attention if skin irritation occurs.

INGESTION: If vomiting occurs naturally, have victim lean forward to reduce risk of aspiration. Give person 3-4 glasses of water. Do not induce vomiting. Seek medical attention.
Note: Never give anything by mouth if person is rapidly losing consciousness or is unconscious or convulsing.

INHALATION: If large amounts of mist or vapours are inhaled, remove person to fresh air. Rest in a position which does not restrict airways. Seek medical attention if concerned.

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5. FIREFIGHTING MEASURES

FLAMMABILITY: No
COMBUSTIBLE: Not available.
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: Not required for normal product use. User to assess if respiratory protection is required for confined spaces.
EYE PROTECTION: Protective goggles and face protection must be worn.
SKIN PROTECTION: Rubber, vinyl, or PVA gloves must be worn. Protective clothing should be worn.
OTHER EQUIPMENT: None recommended. Assess as required.

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) : Not available.
INCOMPATIBILITY (MATERIALS TO AVOID) : Anionic materials, oxidants, acids, ammonia salts, organic materials.
HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of carbon and nitrogen.

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11. TOXICOLOGICAL INFORMATION

SODIUM HYDROXIDE	No data available
Proprietary	Oral rat LD50 2800 mg/kg
Proprietary	Oral rat LD50 > 2000 mg/kg
SODIUM NITRITE	Oral rat LD50 85 mg/kg
Proprietary	Oral rat LD50 238 mg/kg
ALKYLDIMETHYLBENZYLAMMONIUM CHLORIDE	Oral rat LD50 344 mg/kg

12. ECOLOGICAL INFORMATION

Not available.

13. DISPOSAL CONSIDERATIONS

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

14. TRANSPORT INFORMATION

Not regulated by TDG.

15. REGULATORY INFORMATION

WHMIS CATEGORY: Exempt - Disinfectant Drug product

16. OTHER INFORMATION

Prepared by: Germiphene Technical Department
Date of Revision: March 09, 2016

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