

SAFETY DATA SHEET

Revision #6

Product name: **GermXtra**
Last revised date: 17 May 2018

1. IDENTIFICATION

PRODUCT NAME: GermXtra

DIN: 02239248

MANUFACTURER: Germiphene Corporation

ADDRESS: 1379 Colborne Street East, Brantford, Ontario N3T 5M1, Canada

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PRODUCT USE: Disinfects and cleans all washable hard surfaces.

2. HAZARD IDENTIFICATION

SIGNAL WORD: Danger

SYMBOLS:



GHS Classification:

Health	Environmental	Physical
Eye Irritation: Category 2B	None known	Flammable Liquids: Category 2

HAZARD STATEMENTS:

H225: Highly flammable liquid and vapour

H320: Causes eye irritation

PRECAUTIONARY STATEMENTS:

P210: Keep away from heat/sparks/open flames/hot surfaces. No smoking.

P233: Keep container tightly closed

P280: Wear appropriate protective gloves/eye protection

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.

P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water.

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

3. COMPOSITION / INFORMATION ON INGREDIENTS

INGREDIENT: Ethyl Alcohol

CAS No 64-17-5 **% wt** 79

HAZARDOUS: yes

INGREDIENT: o-Phenylphenol

CAS No 90-43-7 **% wt** 0.1

HAZARDOUS: yes

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4. FIRST AID MEASURES

EYES: Rinse eyes with water for several minutes, holding eyelids open to ensure rinsing of entire eye. If contacts are worn, remove them if possible and continue rinsing. Seek medical attention if irritation persists.

SKIN: Rinse skin with water for several minutes. If a large volume of product has been spilled, remove contaminated clothes and wash before reuse. If skin irritation occurs, seek medical attention.

INGESTION: Give 2-3 glasses of water to drink. Do not induce vomiting. If concerned, seek medical attention. **NOTE:** Never give anything by mouth if a person is unconscious or convulsing.

INHALATION: Move person to fresh air and rest in a position which is comfortable for breathing. If concerned, seek medical attention.

5. FIREFIGHTING MEASURES

FLAMMABILITY: Yes

COMBUSTIBLE: Yes

CONDITIONS OF IGNITION: Heat, sparks, open flame.

MEANS OF EXTINCTION: Alcohol-type or all-purpose-type foams, carbon dioxide or dry chemical.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Flammable traveling vapours form from this product and may be ignited by static discharges or other ignition sources at locations distant from handling point.

WHMIS CLASS B: Yes

6. ACCIDENTAL RELEASE MEASURES

Contain spilled material. Provide adequate ventilation and protective equipment. Remove sources of heat, sparks or flames. Spill should be collected in suitable containers or absorbed on a suitable absorbent material for subsequent disposal.

7. HANDLING AND STORAGE

Keep away from heat, sparks and flames. Keep container closed when not in use. Take precautions to prevent static electricity build-up when transferring contents.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

VENTILATION: Room ventilation is usually adequate. User to assess for special situations, such as rooms with no air circulation.

RESPIRATORY PROTECTION: No

EYE PROTECTION: Yes. Chemical splash goggles.

SKIN PROTECTION: Protective gloves recommended.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: None required

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9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Clear colourless volatile liquid
ODOUR: Alcohol
PHYSICAL STATE: Liquid
pH (in 1:1 water): 7.50-9.00
BOILING POINT: N/Av
FREEZING POINT: N/Av
EVAPORATION RATE: N/Av
SPECIFIC GRAVITY: 0.82 - 0.86
VISCOSITY: N/Av
VAPOUR PRESSURE (mmHg): N/Av
SOLUBILITY: N/Av
FLASH POINT: 16 °C

10. STABILITY AND REACTIVITY

STABILITY: Yes.
CONDITIONS TO AVOID (STABILITY): N/Av
INCOMPATIBILITY (MATERIALS TO AVOID): Oxidizing materials.
HAZARDOUS DECOMPOSITION PRODUCTS: Will not occur.
REACTIVITY CONDITIONS: High temperature

11. TOXICOLOGICAL INFORMATION

TOXICOLOGY TESTING ON GERMXTRA PRODUCT:

PRIMARY EYE IRRITATION : Maximum Mean Total Score (MMTS) : 14.0
Mildly irritating. Irritation cleared by Day 4.

PRIMARY SKIN IRRITATION : Primary Dermal Irritation Index (PDII) : 1.0
Slightly irritating. Irritation cleared by Day 7.

ACUTE ORAL TOXICITY (UP/DOWN PROCEDURE) : Oral rat LD50 > 5000 mg/kg (female)

ACUTE DERMAL TOXICITY : Dermal rat LD50 > 5000 mg/kg (male and female)

ACUTE INHALATION TOXICITY : Inhalation rat LC50 > 2.15 mg/L (male and female)

DERMAL SENSITIZATION : Concentration tested : 100%
Test substance is not a contact sensitizer.

12. ECOLOGICAL INFORMATION

N/Av

13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Dispose of waste material in a manner in compliance with all federal, provincial and local government regulations.

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14. TRANSPORT INFORMATION

UN1170, Ethanol, Class 3 Flammable, PG II

15. REGULATORY INFORMATION

WHMIS CATEGORY: Exempt - Drug Product

16. OTHER INFORMATION

Prepared by: Germiphene Technical Department
Date of revision: April 12, 2016

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