

MATERIAL SAFETY DATA SHEET

Product name: **GERMXTRA**
Last revised date: 23 December 2010
Print date: 21 July 2011

1. SUBSTANCE AND SUPPLIER IDENTIFICATION

PRODUCT NAME: Germxtra
DIN: 02239248

MANUFACTURER: Germiphene Corporation
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PHONE: 519-759-7100
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PRODUCT USE: Disinfects and cleans all washable hard surfaces.

2. 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

3. HAZARD IDENTIFICATION

EYES: Severe eye irritant. Vapors can irritate eyes. Eye damage from contact with liquid is reversible and proper treatment will result in healing within a few days. Damage is usually mild to moderate conjunctivitis, seen mainly as redness to the conjunctiva.

SKIN: N/Av

INGESTION: Due to ethanol content and amount consumed, may cause dizziness, faintness, drowsiness, decreased awareness and responsiveness, euphoria, abdominal discomfort, nausea, vomiting, staggering gait, lack of coordination and coma.

INHALATION: May cause irritation in the throat and nose, stinging and watering in the eyes.

4. FIRST AID MEASURES

EYES: Wash eyes with plenty of water for 20 minutes, holding eyelids open. Seek medical attention immediately.

SKIN: Flush contaminated area with water for at least 20 minutes. If irritation occurs, seek medical attention.

INGESTION: N/Av

INHALATION: Remove victim to fresh air. Artificial respiration should be given if breathing has stopped and cardiopulmonary resuscitation if the heart has stopped. Oxygen may be given if necessary. Seek medical attention immediately.

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NOTES TO PHYSICIAN: Symptoms of ethanol intoxication vary with the alcohol level of the blood. The unabsorbed ethanol should be removed by gastric lavage after intubating the patient to prevent aspiration. Avoid the use of depressant drugs or the excessive administration of fluids.

5. FIREFIGHTING MEASURES

FLAMMABILITY: Yes
COMBUSTIBLE: Yes
CONDITIONS OF IGNITION: Heat, sparks, open flame.
HAZARDOUS COMBUSTION PRODUCTS: N/Av
MEANS OF EXTINCTION: Alcohol-type or all-purpose-type foams, carbon dioxide or dry chemical.
UNUSUAL FIRE AND EXPLOSION HAZARDS: Flammable traveling vapors form from this product and may be ignited by static discharges or other ignition sources at locations distant from handling point.

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: Local ventilation is recommended when handling.
RESPIRATORY PROTECTION: No
EYE PROTECTION: Yes. Chemical splash goggles.
SKIN PROTECTION: Yes. Neoprene, butyl or natural rubber protective gloves.
OTHER PROTECTIVE CLOTHING OR EQUIPMENT: No

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Clear, colorless, volatile liquid
ODOUR: Alcohol
PHYSICAL STATE: Liquid
pH: N/Av
BOILING POINT: N/Av
FREEZING POINT: N/Av
EVAPORATION RATE: N/Av
VAPOUR PRESSURE (mmHg): N/Av
SPECIFIC GRAVITY: 0.84

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SOLUBILITY: N/Av

10. STABILITY AND REACTIVITY

STABILITY: Stable at normal conditions.
CONDITIONS TO AVOID (STABILITY): N/Av
INCOMPATIBILITY (MATERIALS TO AVOID): Oxidizing materials.
HAZARDOUS DECOMPOSITION PRODUCTS: Will not occur.

11. TOXICOLOGICAL INFORMATION

ETHYL ALCOHOL Oral rat 7060 mg/kg
O-PHENYLPHENOL Oral rat 2700 mg/kg

12. ECOLOGICAL INFORMATION

N/Av

13. DISPOSAL CONSIDERATIONS

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

14. TRANSPORT INFORMATION

TDG Class 3
UN HAZARD CODE: Class 3 flammable liquids
DANGEROUS GOODS CLASSIFICATION: Category 5, substances giving off inflammable vapors.

15. REGULATORY INFORMATION

WHMIS CATEGORY: Exempt - Drug Product

16. OTHER INFORMATION

Prepared by: Germiphene Technical Department

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