

# MATERIAL SAFETY DATA SHEET

Product name: **Germx (Dentavision)**  
Last revised date: 5 December 2013  
Print date: 18 December 2013

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## 1. SUBSTANCE AND SUPPLIER IDENTIFICATION

**PRODUCT NAME:** Germx (Dentavision)  
**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:** Hard surface disinfectant

## 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. Vapours can irritate eyes.  
**SKIN:** N/Av  
**INGESTION:** Due to the 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:** Vapours may cause a burning sensation in the throat and nose.

## 4. FIRST AID MEASURES

**EYES:** Immediately wash eyes with water for at least 20 minutes, holding the eyelids open. Seek medical attention immediately.  
**SKIN:** Wash 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 heart has stopped. Oxygen may be given if necessary. Seek medical attention immediately.  
**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

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**FLAMMABILITY:** Yes  
**COMBUSTIBLE:** Yes  
**CONDITIONS OF IGNITION:** Heat, spark, or open flame.  
**MEANS OF EXTINCTION:** Apply an alcohol-type or all-purpose-type foams, carbon dioxide or dry chemical media.  
**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Flammable traveling vapours form from this product and may be ignited by pilot lights, other flames, sparks, heaters, electrical equipment, static discharges or other ignition sources at locations distant from handling point.  
**HAZARDOUS COMBUSTION PRODUCTS:** N/Av

## 6. ACCIDENTAL RELEASE MEASURES

Contain spilled material. Provide 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 containers 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. Latex, neoprene, butyl or natural rubber protective gloves.  
**OTHER PROTECTIVE CLOTHING OR EQUIPMENT:** No

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**APPEARANCE:** Clear, colorless, volatile liquid  
**ODOUR:** Characteristic alcohol  
**PHYSICAL STATE:** Liquid (which is absorbed into a towelette bundle)  
**pH:** 7.50 - 9.00  
**BOILING POINT:** 78°C at 760 mm Hg  
**FREEZING POINT:** N/Av  
**EVAPORATION RATE:** N/Av  
**SPECIFIC GRAVITY @ 22 ± 1°C:** 0.820 - 0.870  
**VISCOSITY:** N/Av  
**VAPOUR PRESSURE (mmHg):** N/Av  
**SOLUBILITY:** N/Av

## 10. STABILITY AND REACTIVITY

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**STABILITY:** Yes  
**CONDITIONS TO AVOID (STABILITY):** N/Av  
**INCOMPATIBILITY (MATERIALS TO AVOID):** Oxidizing materials.  
**HAZARDOUS DECOMPOSITION PRODUCTS:** N/Av

## 11. TOXICOLOGICAL INFORMATION

**ETHYL ALCOHOL** Oral rat LD50 7060 mg/kg  
**O-PHENYLPHENOL** Oral rat LD50 2700 mg/kg

## 12. ECOLOGICAL INFORMATION

N/Av

## 13. DISPOSAL CONSIDERATIONS

**WASTE DISPOSAL METHOD:** Waste material should be disposed of in compliance with all federal, provincial, and local government regulations.

## 14. TRANSPORT INFORMATION

Class 3 UN1170 Packing group II .

## 15. REGULATORY INFORMATION

**WHMIS CATEGORY:** Exempt - Drug Product

## 16. OTHER INFORMATION

**Prepared by:** Germiphene Technical Department

### Disclaimer

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