

# MATERIAL SAFETY DATA SHEET

Product name: **E20**  
Last revised date: 3 December 2013  
Print date: 18 December 2013

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## 1. SUBSTANCE AND SUPPLIER IDENTIFICATION

PRODUCT NAME: E20

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: Dental Water Unit Cleaner

## 2. COMPOSITION / INFORMATION ON INGREDIENTS

INGREDIENT: Hydrogen Peroxide%: 1-2%  
CAS No: 7722-84-1  
HAZARDOUS: yes

## 3. HAZARD IDENTIFICATION

EYES: Can cause irritation.  
SKIN: Mild irritant. Permeator.  
INGESTION: May be irritating to mouth and throat.  
INHALATION: Irritant. Lung sensitizer.

## 4. FIRST AID MEASURES

EYES: Flush with plenty of water holding eyelids open for at least 15 minutes.  
SKIN: Flush with plenty of water. Consult physician if irritation persists. Wash contaminated clothing before reuse.  
INGESTION: Do not induce vomiting. Consult physician if symptoms appear.  
INHALATION: Remove victim to fresh air. Consult physician if allergic reaction occurs.

## 5. FIREFIGHTING MEASURES

FLAMMABILITY: Not flammable.  
COMBUSTIBLE: Not available  
CONDITIONS OF IGNITION: Not available.  
HAZARDOUS COMBUSTION PRODUCTS: Not available.  
MEANS OF EXTINCTION: .  
UNUSUAL FIRE AND EXPLOSION HAZARDS: None known.

## 6. ACCIDENTAL RELEASE MEASURES

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Contain spilled material and absorb it with proper absorber for disposal. Wear gloves and eye protection.

## 7. HANDLING AND STORAGE

Use protective eye wear and rubber gloves. Store in cool, dry place, away from direct sunlight.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**VENTILATION:** General ventilation normally adequate.  
**RESPIRATORY PROTECTION:** Not normally required if good ventilation is maintained.  
**EYE PROTECTION:** Yes. Protective eye wear.  
**SKIN PROTECTION:** Yes. Household type rubber gloves.  
**OTHER PROTECTIVE CLOTHING OR EQUIPMENT:** Not applicable.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**APPEARANCE:** Clear liquid.  
**ODOUR:** N/A.  
**PHYSICAL STATE:** Liquid  
**pH:** 3.5 - 5.5  
**BOILING POINT:** 100°C  
**FREEZING POINT:** 0°C  
**EVAPORATION RATE (g/m<sup>2</sup>):** not available  
**VAPOUR PRESSURE (mmHg):** not available  
**SPECIFIC GRAVITY (Water-1):** 0.955 - 1.055  
**SOLUBILITY:** soluble in water

## 10. STABILITY AND REACTIVITY

**STABILITY:** Stable under normal conditions.  
**CONDITIONS TO REACTIVITY:** not available  
**INCOMPATIBILITY (MATERIALS TO AVOID):** Strong acids and oxidizers.  
**HAZARDOUS DECOMPOSITION PRODUCTS:** not available

## 11. TOXICOLOGICAL INFORMATION

Hydrogen Peroxide  
LD 50: >2000 mg/kg

Acute Oral Toxicity in Mouse LD50 = 66667 mg/kg

Acute Dermal Toxicity in Pig LD50 = 66667 mg/kg

## 12. ECOLOGICAL INFORMATION

Not available

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## 13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Dispose in accordance with local regulations.

## 14. TRANSPORT INFORMATION

NON REGULATED IN CONCENTRATIONS < 8%

## 15. REGULATORY INFORMATION

WHMIS CATEGORY: C

## 16. OTHER INFORMATION

Prepared by: Germiphene Technical Department

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