

# MATERIAL SAFETY DATA SHEET

Product name: **E-FECT**  
Last revised date: 3 December 2013  
Print date: 18 December 2013

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## 1. SUBSTANCE AND SUPPLIER IDENTIFICATION

PRODUCT NAME: E-Fect  
DIN: 02394723

MANUFACTURER: Germiphene Corporation  
ADDRESS: 1379 Colborne Street East, Brantford, Ontario N3T 5M1, Canada  
PHONE: 519-759-7100  
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EMERGENCY PHONE: CANUTEC 613-996-6666

PRODUCT USE: Disinfectant

## 2. COMPOSITION / INFORMATION ON INGREDIENTS

INGREDIENT: Thymol Wt %: 0.15 - 0.25  
CAS No: 89-83-8

## 3. HAZARD IDENTIFICATION

EYES: Irritation.  
SKIN: N/A.  
INGESTION: Ingestion of a large quantity can cause nausea, vomiting, abdominal pain, diarrhea, anesthesia, drowsiness, narcotic effect.  
INHALATION: Throat irritation, headache, nausea, dizziness, drowsiness, anesthesia.

## 4. FIRST AID MEASURES

EYES: Remove contact lenses. Rinse with plenty of water for several minutes keeping eyelids open.  
SKIN: Rinse with water.  
INGESTION: Give plenty of water. Do not induce vomiting. Seek medical attention.  
INHALATION: Remove victim to fresh air.

NOTES TO PHYSICIAN: Not available.

## 5. FIREFIGHTING MEASURES

FLAMMABILITY: Not flammable.  
COMBUSTIBLE: Not available

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CONDITIONS OF IGNITION: Not available.  
HAZARDOUS COMBUSTION PRODUCTS: Smoke, carbon oxides, sulfur oxides.  
Suitable extinguishing media: Alcohol-resistant foam, Carbon Dioxide (CO<sub>2</sub>), Dry  
Chemical  
UNUSUAL FIRE AND EXPLOSION HAZARDS: Not available.

## 6. ACCIDENTAL RELEASE MEASURES

Contain spilled material and absorb it with proper absorber for disposal.

## 7. HANDLING AND STORAGE

Keep in original tightly closed containers, in a room below 30°C.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

VENTILATION: General ventilation normally adequate.  
RESPIRATORY PROTECTION: Not required.  
EYE PROTECTION: Not required.  
SKIN PROTECTION: Not applicable.  
OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Not applicable.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Clear, colorless to cloudy  
ODOUR: Spicy scent.  
PHYSICAL STATE: Liquid  
pH: 7.0 - 8.5  
BOILING POINT: 100°  
FREEZING POINT: 0°C  
EVAPORATION RATE (Water + 1): less than 1  
VAPOUR PRESSURE (mmHg): not available  
VAPOUR DENSITY (Air=1): not available  
SPECIFIC GRAVITY (H<sub>2</sub>O = 1): 1.012 at 23°C  
% VOLATILE (Wt%): approx. 2%  
VISCOSITY: <100 cps at 25°C  
SOLUBILITY: not available

## 10. STABILITY AND REACTIVITY

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**STABILITY:** This product is stable under normal conditions. It does not polymerize.

**CONDITIONS TO REACTIVITY:** not available

**INCOMPATIBILITY (MATERIALS TO AVOID):** not available

**HAZARDOUS DECOMPOSITION PRODUCTS:** The thermal decomposition can produce carbon and sulfur oxides and other organic substances.

## 11. TOXICOLOGICAL INFORMATION

Thymol

LD 50: 980 mg/Kg (oral, rat)

CAS No: 89-83-8

## 12. ECOLOGICAL INFORMATION

Biodegradable

## 13. DISPOSAL CONSIDERATIONS

**WASTE DISPOSAL METHOD:** Dispose in accordance with local regulations.

## 14. TRANSPORT INFORMATION

**UN HAZARD CODE:** not available

**DANGEROUS GOODS CLASSIFICATION:** not available

## 15. REGULATORY INFORMATION

**WHMIS CATEGORY:** not available

## 16. OTHER INFORMATION

**Prepared by:** Germiphene Technical Department

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