

# MATERIAL SAFETY DATA SHEET

Product name: IC-GEL  
Last revised date: 5 December 2013  
Print date: 18 December 2013

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## 1. SUBSTANCE AND SUPPLIER IDENTIFICATION

PRODUCT NAME: IC-Gel  
NPN: 02238250

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: Antiseptic skin cleanser

## 2. COMPOSITION / INFORMATION ON INGREDIENTS

INGREDIENT: Ethanol  
CAS NO 64-17-5 % WT 63 - 77  
HAZARDOUS: yes

INGREDIENT: Triethanolamine  
CAS NO 102-71-6 % WT 0.1 - 0.5  
HAZARDOUS: yes

## 3. HAZARD IDENTIFICATION

EMERGENCY OVERVIEW: Harmful if swallowed. Causes severe eye irritation.

INHALATION: High vapor concentrations may cause a burning sensation in the throat and nose, stinging and watering in the eyes. At concentrations which cause irritation, dizziness, faintness, drowsiness, nausea and vomiting may also occur.

INGESTION: May cause dizziness, faintness, drowsiness, decreased awareness and responsiveness, euphoria, abdominal discomfort, nausea, vomiting, staggering gait, lack of coordination and coma.

SKIN ABSORPTION: No adverse effects with normal skin. However, potentially harmful amounts of material may be absorbed across markedly abraded skin when contact is sustained, particularly in children.

SKIN CONTACT: No evidence of adverse effects from available information.

EYE CONTACT: Severe eye irritant in case of direct contact. Vapours can slightly 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 of the conjunctiva.

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## 4. FIRST AID MEASURES

**EYES:** Immediately flush eyes with water for at least 15 minutes, holding the eyelids open. Seek medical attention immediately.

**SKIN:** If irritation occurs, flush contaminated area with water for at least 15. If irritation persists for more than 5 days, consult a physician.

**INHALATION:** Remove person to fresh air. Contact physician if difficulty in breathing persists.

**INGESTION:** Give large amounts of water. DO NOT INDUCE VOMITING. Contact physician immediately.

## 5. FIREFIGHTING MEASURES

**EXTINGUISHING MEDIA:** Apply alcohol-type or all-purpose type foams by manufacturer's recommended techniques for large fires. Use carbon dioxide or dry chemical media for small fires. Water is suitable only for small amounts.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Ammonia, nitrous oxides, carbon monoxide and carbon dioxide.

## 6. ACCIDENTAL RELEASE MEASURES

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

## 7. HANDLING AND STORAGE

**HANDLING AND STORAGE:** Keep away from heat, sparks, and flames in a cool well-ventilated area. Keep container closed when not in use. Avoid breathing vapours. Avoid contact with eyes. Take precautions to prevent static electricity build-up when transferring contents.

**OTHER PRECAUTIONS:** Good personal hygiene practices are suggested.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**VENTILATION:** Use adequate ventilation.

**RESPIRATORY PROTECTION:** Avoid breathing vapours.

**EYE PROTECTION:** Avoid contact with eyes.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Semi-transparent, colorless  
ODOUR: Characteristic mild ethyl alcohol  
PHYSICAL STATE: Gel  
PH: 6.5 - 7.8  
BOILING POINT: 78°C  
MELTING POINT: N/Av  
FREEZING POINT: N/Av  
SPECIFIC GRAVITY: 0.84 - 0.89  
EVAPORATION RATE: 1.4  
SOLUBILITY IN WATER: Soluble  
VISCOSITY @ 22 ± 1°C: 4000 - 11000 cps  
Flash point: 19.5°C

## 10. STABILITY AND REACTIVITY

STABILITY: Stable  
CONDITIONS TO AVOID (STABILITY): Sources of ignition.  
INCOMPATIBILITY (MATERIAL TO AVOID): Oxidizing materials.  
HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: Burning can produce carbon monoxide and carbon dioxide, ammonia and nitrous oxides (small amounts).

## 11. TOXICOLOGICAL INFORMATION

ETHANOL Oral child (lowest published lethal dose) 2000 mg/kg  
Oral mouse LD50 3450 mg/kg  
Oral rat LD50 7060 mg/kg  
Inhalation rat LC50 20000 ppm/10h  
  
TRIETHANOLAMINE Oral rat LD50 4920 mg/kg  
Oral rabbit LD50 5160 mg/kg  
Oral mouse LD50 7400 mg/kg  
Oral guinea pig LD50 5300 mg/kg  
Dermal rabbit LD50 > 20 mL/kg  
Skin irritation rabbit 560 mg/24h, mild  
Eye irritation rabbit 20 mg, severe

## 12. ECOLOGICAL INFORMATION

N/Av

## 13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: According to state, federal, provincial, and local regulations.

## 14. TRANSPORT INFORMATION

UN HAZARD CODE: Class 3, flammable liquids

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**DANGEROUS GOODS CLASSIFICATION:** Category 5-C1, Substances giving off inflammable vapors with flash point below 23° C

**TRANSPORT HAZARD CLASS:** N/Av

## 15. REGULATORY INFORMATION

N/Av

## 16. OTHER INFORMATION

**Prepared by:** Germiphene Technical Department

### Disclaimer

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