

MATERIAL SAFETY DATA SHEET

Product name: IC-GEL
Last revised date: 14-Dec-2010
Print date: 21-Jul-11

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: 1000 - 25000 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.

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14. TRANSPORT INFORMATION

UN HAZARD CODE: Class 3, flammable liquids
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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