

MATERIAL SAFETY DATA SHEET

Product name: **GERMI-STAT 0.5% TINCTURE**
Last revised date: 5 December 2013
Print date: 18 December 2013

1. SUBSTANCE AND SUPPLIER IDENTIFICATION

PRODUCT NAME: Germi-Stat 0.5% Tincture
DIN: 02241528

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 prep gel for topical use.

2. COMPOSITION / INFORMATION ON INGREDIENTS

INGREDIENT: Isopropyl Alcohol 99% USP
CAS No 67-63-0 **% wt** 70
HAZARDOUS: yes

3. HAZARD IDENTIFICATION

EYES: Gel slightly irritating to eyes. Exposure to high vapour concentrations may cause eye irritation.

SKIN: No evidence of adverse effects.

INGESTION: N/Av

INHALATION: Exposure to high vapour concentrations may cause respiratory tract irritation, headache, dizziness, nausea, incoordination, drowsiness and loss of consciousness.

4. FIRST AID MEASURES

EYES: Wash eyes with plenty of water for 15 minutes - if irritation persists, contact physician.

SKIN: If irritation occurs, flush contaminated area with water for at least 20 minutes - if irritation persists, contact physician.

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

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

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5. FIREFIGHTING MEASURES

FLAMMABILITY: Yes
COMBUSTIBLE: Yes
HAZARDOUS COMBUSTION PRODUCTS: Oxides of carbon.
CONDITIONS OF FLAMMABILITY: Heat, sparks, open flames and ignition sources.
MEANS OF EXTINCTION: Carbon dioxide, water fog, alcohol foam, dry chemicals (preferred).
SPECIAL FIRE FIGHTING PROCEDURES: Evacuate hazard area. Wear adequate respiratory and clothing protection. Cool fire exposed containers with water. Handle as a flammable liquid.
UNUSUAL FIRE AND EXPLOSION HAZARDS: Vapour forms explosive mixture between upper and lower flammable limits.

6. ACCIDENTAL RELEASE MEASURES

FLAMMABLE!! Eliminate all ignition sources. Wear adequate clothing and respiratory protection. For large spills, remove spill with vacuum trucks or pump to storage vessel. For small spills absorb with absorbent material and remove to tightly closed containers.

7. HANDLING AND STORAGE

Material is flammable. Keep away from heat, sparks, and open flame. Store in a cool, well ventilated area. Do not store in aluminum containers. Keep away from oxidizing materials.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

VENTILATION: Good general ventilation required to maintain vapours below TLV.
RESPIRATORY PROTECTION: No
EYE PROTECTION: Yes. Safety goggles should be worn when splash hazard is present.
SKIN PROTECTION: No
OTHER PROTECTIVE CLOTHING OR EQUIPMENT: No

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9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Translucent fluorescent red, mobile liquid-gel
ODOUR: Mild isopropyl alcohol
PHYSICAL STATE: Liquid gel
pH: 7.50 - 9.00
BOILING POINT: N/Av
MELTING POINT: N/Av
FREEZING POINT: N/Av
EVAPORATION RATE: N/Av
VISCOSITY: N/Av
VAPOUR PRESSURE (mmHg): N/Av
SPECIFIC GRAVITY @ 25° C: 0.810 - 0.830 g/mL
SOLUBILITY: N/Av

10. STABILITY AND REACTIVITY

STABILITY: Stable at normal conditions.
CONDITIONS TO AVOID (STABILITY): May react with aluminum at high temperatures
INCOMPATIBILITY (MATERIALS TO AVOID): Avoid oxidizing agents.
HAZARDOUS DECOMPOSITION PRODUCTS: N/Av

11. TOXICOLOGICAL INFORMATION

ISOPROPYL ALCOHOL 99% USP Oral rat LD50 5045 mg/kg
TLV: 400 ppm

12. ECOLOGICAL INFORMATION

N/Av

13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Dispose in accordance with local, provincial and federal law.

14. TRANSPORT INFORMATION

N/Av

15. REGULATORY INFORMATION

WHMIS CATEGORY: Exempt - Drug Product

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16. OTHER INFORMATION

Prepared by: Germiphene Technical Department

Disclaimer

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