

MATERIAL SAFETY DATA SHEET

Product name: **G-NOL**
Last revised date: 5 December 2013
Print date: 18 December 2013

1. SUBSTANCE AND SUPPLIER IDENTIFICATION

PRODUCT NAME: G-No1
DIN: 01910604

MANUFACTURER: Germiphene Corporation
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PRODUCT USE: Disinfectant Solution

2. COMPOSITION / INFORMATION ON INGREDIENTS

INGREDIENT: o-Phenylphenol
CAS No 90-43-7 % wt 9
HAZARDOUS: yes

INGREDIENT: o-Benzyl-p-Chlorophenol
CAS No 120-32-1 % wt 1
HAZARDOUS: yes

INGREDIENT: Isopropyl Alcohol
CAS No 67-60-0 % wt 15 - 40
HAZARDOUS: yes

3. HAZARD IDENTIFICATION

EYES: Corrosive, causes eye damage.
SKIN: Corrosive, causes eye damage.
INGESTION: Burning in mouth, throat and digestive tract. Harmful or fatal if swallowed.
INHALATION: Irritant
SENSITIZATION: May occur in allergic or sensitive cases.

4. FIRST AID MEASURES

EYES: Continuously flush with water for a minimum of 15 minutes. Contact a physician immediately.
SKIN: Flush exposed area with water for at least 15 minutes. Remove contaminated clothing. If pain or irritation persists, contact a physician.
INGESTION: Promptly drink a large quantity of egg whites or gelatin solution, or drink large quantities of water. Avoid alcohol. Call physician or Poison Control Center immediately.
INHALATION: Remove to fresh air.
NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage.

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5. FIREFIGHTING MEASURES

FLAMMABILITY: N/Av
COMBUSTIBLE: Yes
HAZARDOUS COMBUSTION PRODUCTS: Smoke, carbon monoxide, carbon dioxide and other organic compounds.

6. ACCIDENTAL RELEASE MEASURES

Soak up with absorbent material. Rinse spill area with water to remove residue.

7. HANDLING AND STORAGE

Protect from exposure to extreme heat or cold.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

VENTILATION: Use adequate ventilation.
RESPIRATORY PROTECTION: N/Av
EYE PROTECTION: Yes. Chemical splash goggles or face shield.
SKIN PROTECTION: Yes. Rubber gloves.
OTHER PROTECTIVE CLOTHING OR EQUIPMENT: N/Av

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Clear dark blue-green, oily
ODOUR: Isopropyl alcohol
PHYSICAL STATE: Liquid
pH: 9.5 - 10.2
BOILING POINT: N/Av
MELTING POINT: N/Av
FREEZING POINT: N/Av
EVAPORATION RATE: N/Av
VAPOUR PRESSURE (mmHg): N/Av
SPECIFIC GRAVITY @ 22 ± 1°C: 0.95 - 1.05
SOLUBILITY: Miscible with water 1:32. No crystallization after 24 hours

10. STABILITY AND REACTIVITY

STABILITY: Stable at normal conditions.
CONDITIONS TO AVOID (STABILITY): Excessive heat
INCOMPATIBILITY (MATERIALS TO AVOID): Acids, oxidizing materials.
HAZARDOUS DECOMPOSITION PRODUCTS: May liberate carbon monoxide, carbon dioxide and unidentified organic compounds in black smoke.

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11. TOXICOLOGICAL INFORMATION

O-PHENYLPHENOL Ingestion rat LD50 2700 mg/kg
Inhalation rat LD50 >36 mg/m3 / 4hr
Dermal rabbit LD50 >5000 mg/kg

O-BENZYL -P-CHLOROPHENOL Oral rat LD50 1700 mg/kg

ISOPROPYL ALCOHOL Oral rat 4,420 mg/kg

12. ECOLOGICAL INFORMATION

N/Av

13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Do not reuse empty container. Triple rinse container and dispose of in accordance with local, provincial, and federal law.

14. TRANSPORT INFORMATION

Not regulated by TDG.

15. REGULATORY INFORMATION

WHMIS CATEGORY: Exempt – Drug Product

16. OTHER INFORMATION

Prepared by: Germiphene Technical Department

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