

# MATERIAL SAFETY DATA SHEET

Product name: GEL 7 TOPICAL FLUORIDE GEL  
Last revised date: 23-Dec-10  
Print date: 21-Jul-11

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## 1. SUBSTANCE AND SUPPLIER IDENTIFICATION

PRODUCT NAME: Gel 7 Topical Fluoride Gel  
NPN: 02042770

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: A topical anticaries preparation for dental use only.

## 2. COMPOSITION / INFORMATION ON INGREDIENTS

INGREDIENT: Sodium Fluoride  
CAS No 7681-49-4 % wt 2.0 w/w  
HAZARDOUS: yes

## 3. HAZARD IDENTIFICATION

EYES: N/Av  
SKIN: N/Av  
INGESTION: Overdose may cause nausea, vomiting, hypersalivation, abdominal pain, diarrhea, convulsions, cardiac arrhythmias, and coma.  
INHALATION: N/Av  
CHRONIC EXPOSURE: Safely tolerated dose 0.34 g/kg body weight.

## 4. FIRST AID MEASURES

EYES: Exposed eyes should be irrigated with copious amounts of water for at least 15 minutes. If pain or irritation persists, have ophthalmologist examine eyes.  
SKIN: Wash exposed area with copious amounts of soap and water. If pain or irritation persists after washing, have physician examine exposed area.  
INGESTION: 1. Induce vomiting unless the patient is losing consciousness, is unconscious, convulsing, or has lost the gag reflex. If any of these contraindications are present, endotracheal intubation should precede gastric lavage with a large bore tube.  
2. Administer milk, calcium gluconate, calcium lactate, liquid or gel antacids containing aluminum or magnesium hydroxide to bind the fluoride ion and decrease absorption.  
3. Notify physician and have patient taken to hospital. Determine the amount of product consumed and give information to physician.  
INHALATION: N/Av

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## 5. FIREFIGHTING MEASURES

FLAMMABILITY: No  
COMBUSTIBLE: N/Av  
HAZARDOUS COMBUSTION PRODUCTS: N/Av

## 6. ACCIDENTAL RELEASE MEASURES

Carefully scoop up spill. Dilute with sufficient water. Wipe with damp cloth. Clean spill area.

## 7. HANDLING AND STORAGE

Store at controlled room temperature. (15-30°C)

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

VENTILATION: None required.  
RESPIRATORY PROTECTION: No  
EYE PROTECTION: No  
SKIN PROTECTION: No  
OTHER PROTECTIVE CLOTHING OR EQUIPMENT: No

## 9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Viscous, opaque gel, colour characteristic of the flavour  
ODOUR: Characteristic flavour  
PHYSICAL STATE: Liquid (gel)  
pH: 6.10 - 7.50  
BOILING POINT: N/Av  
MELTING POINT: N/Av  
FREEZING POINT: N/Av  
EVAPORATION RATE: N/Av  
VAPOUR PRESSURE (mmHg): N/Av  
VISCOSITY @ 25 ± 0.5°C: 7000- 20000 cPs  
SPECIFIC GRAVITY @ 25 ± 1°C: 1.000 - 1.100  
SOLUBILITY: N/Av

## 10. STABILITY AND REACTIVITY

STABILITY: Stable at normal conditions.  
CONDITIONS TO AVOID (STABILITY): None  
INCOMPATIBILITY (MATERIALS TO AVOID): None  
HAZARDOUS DECOMPOSITION PRODUCTS: N/Av

## 11. TOXICOLOGICAL INFORMATION

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SODIUM FLUORIDE Oral rat LD50 80 mg/kg

## 12. ECOLOGICAL INFORMATION

N/Av

## 13. DISPOSAL CONSIDERATIONS

**WASTE DISPOSAL METHOD:** No special requirements. Dilute with water and allow to run down drain or scoop up and place in refuse container. Dispose of in accordance with local, provincial, and federal law.

## 14. TRANSPORT INFORMATION

Do not freeze. Not regulated by TDG.

## 15. REGULATORY INFORMATION

**WHMIS CATEGORY:** Exempt - Drug Product

## 16. OTHER INFORMATION

**Prepared by:** Germiphene Technical Department

### Disclaimer

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