

# MATERIAL SAFETY DATA SHEET

Product name: **NEUTRAGEL**  
Last revised date: 23-Dec-10  
Print date: 21-Jul-11

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## 1. SUBSTANCE AND SUPPLIER IDENTIFICATION

**PRODUCT NAME:** Neutragel  
**NPN:** 01922017

**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 anti-carries preparation for dental use only.

## 2. COMPOSITION / INFORMATION ON INGREDIENTS

**INGREDIEMT:** Sodium Fluoride  
**CAS No** 7681-49-4 % wt 1.1 w/w  
**HAZARDOUS:** Yes

## 3. HAZARD IDENTIFICATION

**EYES:** May cause irritation.  
**SKIN:** N/Av  
**INGESTION:** Nausea, vomiting, hypersalivation, abdominal pain, diarrhea, convulsions, cardiac arrhythmias, comatose. Dental fluorosis, skeletal fluorosis, kidney damage may occur.  
**INHALATION:** N/Av

## 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 twice 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, or has lost the gag reflex.  
2. Administer milk, calcium gluconate, calcium lactate, liquid or gel antacids containing aluminum or magnesium to bind the fluoride ion, decreasing absorption.  
3. Notify physician and have patient taken to hospital. Determine amount of product consumed and give information to physician.  
**INHALATION:** N/Av

## 5. FIREFIGHTING MEASURES

**FLAMMABILITY:** N/Av

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COMBUSTIBLE: 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, translucent gel  
ODOUR: Faint, characteristic  
PHYSICAL STATE: Gel  
pH: 6.00 - 6.90  
BOILING POINT: N/Av  
FREEZING POINT: N/Av  
EVAPORATION RATE: N/Av  
SPECIFIC GRAVITY @ 25 ± 1.0°C: 1.000 - 1.100 g/mL  
VISCOSITY @ 25 ± 0.5°C: 7000 - 20000 cPs  
VAPOUR PRESSURE (mmHg): N/Av  
SOLUBILITY: N/Av

## 10. STABILITY AND REACTIVITY

STABILITY: No  
CONDITIONS TO AVOID (STABILITY): N/Av  
INCOMPATIBILITY (MATERIALS TO AVOID): Yes. N/Av  
HAZARDOUS DECOMPOSITION PRODUCTS: N/Av

## 11. TOXICOLOGICAL INFORMATION

SODIUM FLUORIDE Oral rat 80 mg/kg

## 12. ECOLOGICAL INFORMATION

N/Av

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## 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

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