

MATERIAL SAFETY DATA SHEET

Product name: **FLOAM ACIDIC TOPICAL FOAM FLUORIDE AEROSOL WITH PROPELLANTS**
Last revised date: 3 December 2013
Print date: 18 December 2013

1. SUBSTANCE AND SUPPLIER IDENTIFICATION

PRODUCT NAME: Floam Acidic Topical Foam Fluoride Aerosol with Propellants
NPN: 02198703

MANUFACTURER: Germiphene Corporation
ADDRESS: 1379 Colborne Street East, Brantford, Ontario N3T 5M1, Canada
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PRODUCT USE: Anticaries treatment.

2. COMPOSITION / INFORMATION ON INGREDIENTS

INGREDIENT: Sodium Fluoride
CAS No 7681-49-4 **% wt** 1.69
HAZARDOUS: yes

INGREDIENT: Hydrogen Fluoride
CAS No N/Av **% wt** 0.5
HAZARDOUS: yes

INGREDIENT: Isobutane & Propane
CAS No 75-28-5 & 74-98-6 **% wt** 8.4
HAZARDOUS: yes

3. HAZARD IDENTIFICATION

EYES: May cause irritation.
SKIN: N/Av
INGESTION: Toxic effects occur from swallowing excessive amounts. Acute symptoms include abdominal pain, vomiting, diarrhea and weakness.
INHALATION: May cause irritation.

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 irritation occurs 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 to decrease absorption.

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3. Notify physician and have patient taken to hospital. Determine amount of product consumed and give information to physician.
INHALATION: Remove patient to fresh air. Monitor patient for respiratory distress. If breathing difficulties persist notify physician.

5. FIREFIGHTING MEASURES

FLAMMABILITY: No
COMBUSTIBLE: Yes
HAZARDOUS COMBUSTION PRODUCTS: N/Av
CONDITIONS OF FLAMMABILITY: Container may rocket or explode in heat of fire. Avoid extreme heat. Avoid spraying toward open flame.
MEANS OF EXTINCTION: Select media suitable for the surrounding fire.

6. ACCIDENTAL RELEASE MEASURES

Small spills can be wiped with absorbent paper. Large spills should be absorbed with sand, earth or similar material or mopped up and wash with water.

7. HANDLING AND STORAGE

Avoid spraying toward open flame. Contents under pressure. Do not puncture or incinerate. Do not store at temperatures over 80°F.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

VENTILATION: N/Av
RESPIRATORY PROTECTION: No
EYE PROTECTION: No
SKIN PROTECTION: No
OTHER PROTECTIVE CLOTHING OR EQUIPMENT: No

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: White foam
ODOUR: Characteristic of the flavour
PHYSICAL STATE: Foam
pH: 4.00 - 6.00
BOILING POINT: N/Av
MELTING POINT: N/Av
FREEZING POINT: N/Av
EVAPORATION RATE: N/Av
VAPOUR PRESSURE (mmHg): N/Av
SPECIFIC GRAVITY: N/Av
SOLUBILITY: N/Av

10. STABILITY AND REACTIVITY

STABILITY: Stable at normal conditions.

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INCOMPATIBILITY (MATERIALS TO AVOID): Strong oxidizers and acids.
HAZARDOUS DECOMPOSITION PRODUCTS: Thermal decomposition may produce oxides of carbon and nitrogen, hydrocarbons, and fluoride containing compounds and derivatives.

11. TOXICOLOGICAL INFORMATION

SODIUM FLUORIDE	Oral rat LD50 80 mg/kg
HYDROGEN FLUORIDE	Oral rat LD50 80 mg/kg
ISOBUTANE	N/Av
PROPANE	N/Av

12. ECOLOGICAL INFORMATION

N/Av

13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Dispose in accordance with municipal, provincial and federal regulations.

14. TRANSPORT INFORMATION

Not regulated by TDG.

15. REGULATORY INFORMATION

WHMIS CATEGORY: Exempt - Natural Health Product

16. OTHER INFORMATION

Prepared by: Germiphene Technical Department

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