

SAFETY DATA SHEET

Revision #6

Product name: **Floam Acidic**
Revision Date: **14 May 2018**

1. IDENTIFICATION

PRODUCT NAME: Floam Acidic (1.23% F ion)
CLASSIFICATION: Natural Health Product NPN 02198703 (Canada)
Medical Device Class I (Europe)

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: Anticaries treatment.

USE OF SDS: **This is a personal care or natural health product that is safe for consumers and other users under normal and reasonably foreseeable use.** Consumer products and natural health products, specifically defined by Canadian regulations, are exempt from the requirement of an SDS for the consumer.

While this material is not considered hazardous, **this SDS contains valuable information critical to the safe handling and proper use of the product for industrial workplace conditions as well as unusual and unintended exposure such as large spills.** This SDS should be retained and available for employees and other users of the product. For specific intended-use guidance, please refer to the information provided on the package or instruction sheet.

2. HAZARD IDENTIFICATION

SIGNAL WORD: Warning

SYMBOLS:



GHS Classification:

	<u>Health</u>	<u>Environmental</u>	<u>Physical</u>
Acute dermal toxicity:	Category 4	None known	None known
Eye Irritation:	Category 2		
Acute oral toxicity:	Category 4		

HAZARD STATEMENTS:

H302: Harmful if swallowed.
H312: Harmful in contact with skin.
H319: Causes serious eye irritation.

PRECAUTIONARY STATEMENTS:

P264: Wash hands thoroughly after handling.
P280: Wear protective gloves, protective clothing, and protective eyewear where appropriate.
P270: Do not eat, drink, or smoke when using this product.
P302+P352: IF ON SKIN: wash with plenty of water.
P312: Call a poison center or doctor if you feel unwell.
P362+P362: Take off contaminated clothing and wash it before reuse.

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PRECAUTIONARY STATEMENTS (Continued):

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P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313: If eye irritation persists, get medical advice/attention.
P301+312: IF SWALLOWED: call a poison center or doctor if you feel unwell.
P330: Rinse mouth.
P501: Dispose of contents/container in accordance with local, regional, national, and international regulations.

3. COMPOSITION

INGREDIENT:	CAS No:	% wt	Hazards (GHS Category)
Sodium Fluoride	7681-49-4	1 – 5%	Skin irritation (C 2) Eye irritation (C 2A)
Hydrofluoric acid	7664-39-3	< 1%	Corrosive to metals (C 1) Acute dermal toxicity (C 5) Skin corrosion (C 1B) Eye Damage (C 1)
Phosphoric acid	7664-38-2	< 1%	Acute oral toxicity (C 2) Acute inhalation toxicity (C 2) Acute dermal toxicity (C 1) Skin corrosion (C 1A) Eye damage (C 1)
Proprietary	*Proprietary*	< 1%	Skin irritation (C 3)
Proprietary	*Proprietary*	< 1%	Acute oral toxicity (C 3) Skin irritation (C 2) Eye irritation (C 2)
Proprietary	*Proprietary*	< 1%	Eye irritation (C 2A)

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.
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: Not available

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.

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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

RECOMMENDATIONS FOR HANDLING BULK PRODUCT AND/OR CLEANING SPILLS:

VENTILATION: Not required
RESPIRATORY PROTECTION: Not required
EYE PROTECTION: Protective eyewear recommended when handling bulk product.
SKIN PROTECTION: Protective gloves recommended when handling bulk product.
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: Not available
MELTING POINT: Not available
FREEZING POINT: Not available
EVAPORATION RATE: Not available
VAPOUR PRESSURE (mmHg): Not available
SPECIFIC GRAVITY: Not available
SOLUBILITY: Not available

10. STABILITY AND REACTIVITY

STABILITY: Stable at normal conditions.
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.

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11. TOXICOLOGICAL INFORMATION

Acute Toxicity Estimate for product: 2038 mg/kg

Ingredient 1: Oral rat 12,600 mg/kg	(concentration in product 10-15%)
Ingredient 2: Oral rat 45,000 mg/kg	(concentration in product 1-5%)
Ingredient 3: Oral rat 9380 mg/kg	(concentration in product < 1%)
Ingredient 4: Oral rat 52 mg/kg	(concentration in product <2%)
Ingredient 5: Oral rat 4070 mg/kg	(concentration in product <1%)
Ingredient 6: Oral rat 16500 mg/kg	(concentration in product 1-5%)
Ingredient 7: Oral rat 5000 mg/kg	(concentration in product 1-5%)
Ingredient 8: Oral rat 100,000 mg/kg	(concentration in product <1%)
Ingredient 9: Oral rat >38,900 mg/kg	(concentration in product <1%)
Ingredient 10: Oral rat 2600 mg/kg	(concentration in product <2%)
Ingredient 11: Oral rat 80 mg/kg	(concentration in product <2%)

12. ECOLOGICAL INFORMATION

Not available

13. DISPOSAL CONSIDERATIONS

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

14. TRANSPORT INFORMATION

Not regulated by Transport of Dangerous Goods (TDG) in Canada for ground shipment.

Regulated for air shipment by Canadian TDG (UN 1950 aerosols, flammable). Overpack recommended.

15. REGULATORY INFORMATION

WHMIS CATEGORY: Exempt – Natural Health Product in Canada, Medical Device in Europe.

16. OTHER INFORMATION

Prepared by: Germiphene Technical Department

Disclaimer

No representations or warranties, either expressed or implied, of merchantability, fitness for a particular purpose, or of any nature are made with respect to the product or information contained in this Material Safety Data Sheet. All information contained herein is presented in good faith and is believed to be appropriate and accurate as per CLP regulations. However, neither the above named supplier, nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist. The buyer or user assumes all risks associated with the use, misuse or disposal of this product. The buyer or user is responsible to comply with all federal, state, provincial, or local regulations concerning the use, misuse, or disposal of these products.