

MATERIAL SAFETY DATA SHEET**1. Product Information**

Product Name: BioStreme™ 101 Concentrate
Product Use: Foaming De-Odorizer **Product**
Identification #: UN – Not regulated for transport
Shipping Name: Not regulated for transport
Transport of Dangerous Goods Class: Not regulated for transport
WHMIS Class: Not controlled
Emergency Tel: (705) 735-9535

2. Hazardous Ingredients:

Ingredients: Proprietary Formulation

CAS #	Wt %	TWAEV (ppm)
-	100	Not listed
LD ₅₀ -Oral	Skin (mg/kg)	Inhalation
Not established	Not an irritant	(LD ₅₀ – ppm)
		Not established

3. Physical Data

Odour & Appearance: Dark brown liquid with characteristic odour.

Odour Threshold: Not known
Vapour Pressure: As water
Vapour Density (air = 1): As water
Boiling Point: Approx. 105 °C
Freezing Point: Approx -5 °C
Specific Gravity: 1.15 (20/20 °C)
Water Solubility: Complete
pH: About 3.2

4. Flammability & Reactivity

Flash Point: Will not burn
Flammable Limits: N/A
LEL: None
UEL: None
Extinguishing Media: N/A
Firefighting Precautions: None
Sensitivity to Static Discharge: Not sensitive
Sensitivity to Mechanical Impact: Not sensitive
Dangerous Decomposition Products: None
Chemical Stability: Stable
Incompatibility (Materials to avoid): Chlorine and strong oxidizers
Hazardous Polymerization: Will not occur

5. Toxicology

Skin Contact: May irritate with long exposure
Skin Absorption: No
Eye Contact: Slight irritation
Inhalation: Vapor may irritate
Ingestion: Likely to irritate the mouth and esophagus

Health Hazards (Acute & Chronic): None
Carcinogenicity: None

Medical Conditions Generally Aggravated by

Exposure: Dry Skin

Emergency & First Aid

Procedure: N/A in normal operation

Eyes: Flush thoroughly with fresh water; seek medical attention if irritation persists.

Skin: Flush with fresh water, remove contaminated clothing.

Ingestion: Give plenty of water to dilute product. Do not induce vomiting (NOTE below). Keep victim quiet. If vomiting occurs, place victim in recovery position. Seek medical help promptly.

6. Protective Equipment

Hands: Rubber gloves

Eyes: Safety glasses or face shield

Ventilation: Local exhaust, normal air dilution

Respiratory Protection: None

7. Environment

Handling Spill: Recover liquid with pumps; absorb residue on a sorbent, sweep & store in closed containers for disposal. If less than 20 liters, flush to drain with about five times the amount of water.

Waste Disposal: Not a hazardous waste; may be dumped in sanitary landfill (with local approval)

Bioaccumulation: This product cannot accumulate in living tissue

Biodegradation: Organic constituents of this product biodegrade in the presence of oxygen; inorganic components (salts) do not degrade, but may be taken up by plant tissue

8. Storage & Handling

Store for up to one year in a cool dry environment above 4°C. Do not cut, drill, weld or grind on or near this container. Avoid prolonged contact with skin and wash work clothes frequently.

9. First Aid

SKIN: Wash with soap and plenty of water. Remove contaminated clothing and do not reuse until thoroughly cleaned.

EYES: Wash eyes with plenty of water, holding eyelids open. Seek medical assistance promptly if there is irritation.

INHALATION: Remove from contaminated area promptly.

CAUTION: Rescuers must not endanger themselves. If breathing stops, administer artificial respiration, seek medical aid promptly.

INGESTION: Give plenty of water to dilute product. Do not induce vomiting (NOTE below). Keep victim quiet. If vomiting occurs, place victim in recovery position. Seek medical help promptly.

NOTE: Inadvertent inhalation of vomited material may seriously damage the lungs. The risk and danger of this is greater than the risk of poisoning through absorption of this product. The stomach should be emptied under medical supervision, after installation of an airway to protect the lungs.

10. Preparation Information:

Prepared By: Filter Innovations Inc.

Date: January 2008

Tel: (416) 490-7848

Disclaimer: Information for this material safety data sheet was obtained from sources considered technically accurate and reliable. While every effort has been made to ensure full disclosure of product hazards, in some cases data is not available and is so stated. Since conditions of actual product use are beyond control of this supplier, it is assumed the users of this material have been fully trained according to the mandatory requirements of WHMIS. No warranty, expressed or implied, is made and supplier will not be liable for any losses, injuries or consequential damages, which may result from the use of, or reliance on, any information contained within this form. If user requires independent information on ingredients in this or any other material, we recommend contact with Canadian Centre for Occupational Health and Safety (CCOHS) in Hamilton, Ontario (1-800-263-8466) or CSST in Montreal, Quebec (514-873-3990).

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