

Section 1. Product and Company Identification

Product Name: BioStim DF- Microbial Drain Foam

Product Code: V-F-BST-DRBFQ-12X01E

Effective Date: April 2014

Manufacturer Information:

Biostim LLC
 1550 East Old 210 Highway
 Liberty, Missouri 64068
 Information Phone: (816) 781-4250
 Emergency Phone: Chemtrec (800) 424-9300

Section 2. Ingredients and Hazards Identification

Hazardous Components		Occupational Exposure Limits			
Component	CAS Number	OSHA PEL	ACGIH TLV	Weight Percent	Section 313
Bacterial Cultures	N/A	N/A	N/A	≤1	No
Foaming Agent	N/A	N/A	N/A	≤99	No
This product does not contain EPCRA Section 313 chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 (40 CFR 372).					

Lyophilized bacterial cultures, in a non-repellant/non-ionic plant derived foaming agent.

Potential Acute Health Effects:

Eyes: May cause eye irritation, tearing and blurred vision.

Skin: No skin absorption expected. Can cause skin irritation.

Inhalation: Not expected under normal conditions.

Ingestion: Harmful if swallowed. Can cause nausea, diarrhea and abdominal cramps.

Section 3. Composition/Information on Ingredients

Ingredients not identified are proprietary or non-hazardous. Values are not product specific. The composition of this material is a trade secret. Contains no other components or impurities which will influence the classification with regard to human and environmental risk assessment.

Section 4. First Aid Measures

KEEP OUT OF REACH OF CHILDREN

People with autoimmune deficiencies should avoid contact.

Eye Contact: Immediately flush with running water for 20 min. Hold eyelids open during flushing. If irritation persists have eyes examined and treated by medical personnel.

Skin Contact: Remove contaminated clothing and footwear. Flush skin with copious amounts of soap and water until foam has washed away (up to 20 min). Wash clothing and footwear separate from other clothing before reuse. If irritation persists seek medical attention.

Inhalation: Remove victim to fresh air if trouble breathing; if symptoms persist, seek medical attention immediately.

Ingestion: Drink 1-2 glasses of water to dilute. Do not induce vomiting unless directed by physician or poison control center. Call physician or poison control center.

Section 5. Fire Fighting Measures

Flash Point: above 93.3° C

Fire Fighting Media: Dry chemical, carbon dioxide CO₂, water spray

Special Fire Fighting Procedures: DO not use water. Wear self-contained breathing apparatus and impervious clothing. Heat may build pressure and rupture closed containers.

Unusual Fire and Explosion Hazard: None known

Section 6. Accidental Release Measures

Clean-up Procedures and Spills and Leaks:

CAUTION – Slippery when spilled. Apply suitable absorbent (like cat litter or Dri-Sorb), let absorb then scoop or scrape up material. Transfer into waste container for proper disposal. Continue to dilute the affected area with water until foam disappeared. Dispose of waste in accordance with all federal, state and local laws.

Section 7. Handling and Storage

Handling and Storage: Store at ambient temperature, do not allow to freeze. Dispose of empty container in household garbage, rinse thoroughly before discarding. Dispose of waste product in accordance with local, provincial, state and federal government regulations. Do not contaminate food or feed products when storing or disposing of product.

Section 8. Exposure Control/Personal Protection

Introductory Remarks:

Personal Protection:

Eyes: Face shield or chemical goggles recommended.

Ventilation: General mechanical ventilation.

Hands: Gloves recommended.

Respiratory: Prolonged usage requires a NIOSH/MSHA approved respirator. Avoid breathing vapors and/or dust.

Other: Eyewash station in the area.

Section 9. Physical and Chemical Properties

Odor	Unscented	Vapor Pressure	No data
Color	Pale amber	% Volatiles by Volume	N/A
Physical State	Liquid	Specific Gravity (H₂O=1)	1.04 @ F: 72° C:23°
pH	6.5-7.5	Solubility	Complete-contains viable bacteria
Freezing Point	-5°C	Boiling Point	F: 220° C:104°

Section 10. Stability and Reactivity

Chemical Stability: Stable under normal conditions.

Hazardous Polymerization: None known

Incompatibility~ Materials to Avoid: Excessive heat, strong oxidizers, acids and bactericidal compounds.

Section 11. Toxicological Information

None of the components present in this material are listed by OSHA or ACGIH as being carcinogens.

Section 12. Ecological Information

Ecotoxicity: Low toxicity (LD50>5g/kg).

Section 13. Disposal Considerations

Waste Disposal Method: Dispose of empty container in household garbage, rinse thoroughly before discarding. Dispose of waste product in accordance with local, provincial, state and federal government regulations. Do not contaminate food or feed products when storing or disposing of product.

Section 14. Transport Information

D.O.T. Classification: LTL Class 55 or 60

Shipping Name: Drain Line Biofoam

Technical Shipping Name: Bacteria, sewage or industrial waste treating, in dry or liquid carrier, with or without enzymes, NMFC 20400 Sub 2

Labels: Not applicable.

Air transport ICAO-TI and IATA-DGR: Not Regulated. Safe for transport by air.

Section 15. Regulatory Information

Hazardous Material Information

Health	1
Fire Hazard	0
Physical Hazard	0
Personal Protection	0

Section 16. Other Information

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