

# Safety Data Sheet

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## Section 1. Product and Company Identification

**Product Name:** Drain Relief Pill  
**Product Code:** V-F-BST-DRRFP-12X01E  
**Effective Date:** March 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
Proprietary Ingredients	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

## Section 3. Hazard Identification

### Inhalation Health Risks and Symptoms of Exposure:

Product may produce nuisance dust which will irritate respiratory passages. Can cause allergic type response in susceptible or hypersensitive individuals upon repeated or prolonged exposure.

### Eye Contact Health Risks and Symptoms of Exposure:

This material may cause eye irritation.

### Skin Absorption Health Risks and Symptoms of Exposure:

Slight redness on hands and forearms, if individual has a history of dermal allergic reaction. Dermatitis and skin sensitization can develop after repeated and/or prolonged contact with human skin. Systematically toxic concentrations will probably not be absorbed through the skin in man. Organisms used are nonpathogenic but can cause infection when in contact with open wounds. These organisms are susceptible to many commonly used antibiotics.

**Other effects of overexposure:** None known

## Section 4. First Aid Measures

### First-aid procedures:

**Eyes:** Immediately flush with plenty of water for at least 15 minutes and have eyes examined and treated by medical personnel.

**Skin:** Remove contaminated clothing and footwear. Wash material off the skin with plenty of soap and water. Wash clothing and footwear before reuse.

**Ingestion:** Drink water or milk to dilute. Induce vomiting only if advised by physician or poison control center. Call physician or poison control center.

**Inhalation:** Remove victim to fresh air.

## Section 5. Fire Fighting Measures

**Flash Point:** no data

**Flammable limits in air by volume:** lower – no data

**Extinguishing Media:** water spray, carbon dioxide, dry chemical

**Special Firefighting Procedures:** none

**Unusual Fire and Explosion Hazard:** None known

## Section 6. Accidental Release Measures

### Steps to be taken in case material is released or spilled:

Wear dust mask for nuisance dust during cleanup. For small spills, flush to waste treatment sewer. For large spills, contain and collect for reuse. (Product is biodegradable)

**Disposal method:** Disposal of this products residues must be in accordance with all local, state, and federal requirements.

## Section 7. Handling and Storage

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## Section 8. Exposure Control/Personal Protection

**TLV or suggested control value:** No TLV assigned to this mixture. Control of exposure to below the TLV for the ingredients (see SECTION II) will be sufficient. Minimize exposure in accordance with good hygiene practice. To maintain shelf life, avoid prolonged exposure to high temperatures and humidity. The ACGIH avoid prolonged exposure to high temperatures and humidity. The ACGIH TLV's shown in SECTION II are OSHA PEL's (Permissible Exposure Limits).

**Ventilation:** General mechanical ventilation

**Respiratory protection (specify type):** None required for recommended use. Avoid creating aerosol in poorly ventilated areas.

**Eye protection:** Face shield recommended

**Protective clothing:** Latex gloves for hygiene

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**Other protective equipment:** Eyewash station in work area

## Section 9. Physical and Chemical Properties

<b>Odor</b>	-	<b>Vapor Pressure</b>	No data
<b>Color</b>	Blue-Green	<b>Vapor Density (air=1)</b>	No data
<b>Physical State</b>	Rigid gelatin, cylindrical in shape	<b>Bulk Density</b>	about 0.66 – 0.77 gm/cm <sup>3</sup>
<b>Solubility in Water</b>	moderate – contains viable bacteria pH: 6.5 – 8.5	<b>Surface Tension (KYNES/CM @ 25C):</b>	N/A
<b>Evaporation rate (Butyl acetate)</b>	N/A	<b>Boiling Point</b>	No data

## Section 10. Stability and Reactivity

**Stability:** Stable under normal conditions

**Incompatibility (materials to avoid):** Strong acids or alkali compounds may inactivate product

**Hazardous decomposition or byproducts:** None

**Hazardous polymerization:** Will not occur

## Section 11. Toxicological Information

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## Section 12. Ecological Information

**Precautions to be taken in handling or storing:** Prevent skin and eye contact. Avoid creating aerosol. Wash hands thoroughly with soap and water after use. People with autoimmune deficiencies should avoid contact with the product.

KEEP OUT OF REACH OF CHILDREN

## Section 13. Disposal Considerations

**Disposal method:** Disposal of this products residues must be in accordance with all local, state, and federal requirements.

## Section 14. Transport Information

**D.O.T. Classification:** Class 70

**Shipping Name:** Drain Relief Pill

**Technical Shipping Name:** Bacteria, sewage or industrial waste treating, in dry or liquid carrier, with or without enzymes, NMFC 20400 Sub 1

## Section 15. Regulatory Information

EPCRA 311/312 Categories:

Immediate (Acute) Health Effects: No

Delayed (Chronic) Health Effects: No

Fire Hazard: No

Sudden Release of Pressure: No

Reactivity: No

## Section 16. Other Information

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