

Safety Data Sheet

- 1 -

Section 1. Product and Company Identification

Product Name: Fast Food - (KBFF)
Product Code: V-F-BST-FFXRY-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
Proprietary	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

Although the information and recommendations set forth in this sheet are believed to be correct as of the date hereof BIOSTIM, LLC makes no representation as to the completeness or accuracy of such information and recommendations for specialty application. BioStim, LLC shall in no event be responsible for any damages of application. BioStim, LLC shall in no event be responsible for any damages of whatsoever nature directly or indirectly resulting from the publication or use of or reliance upon such information and recommendations for specialty application. You are encouraged to advise anyone working with or exposed to such products of the information contained herein. Additionally, since actual use by others is beyond our control, no guarantee, express or implied, is made by BioStim, LLC as to the effect of such use, the results to be obtained, or the safety and toxicity of the product nor does BioStim, LLC assume any liability arising out of use, misuse by others of the product referred to herein. Information provided herein is provided by BioStim, LLC solely for customer's assistance in complying with the Occupational Safety and Health Act of 1970 and regulations there under. Any other use is prohibited.

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

Other protective equipment: Eyewash station in work area

Safety Data Sheet

- 2 -

Section 9. Physical and Chemical Properties

Odor	Yeast like	Vapor Pressure	No data
Color	Green	Vapor Density (air=1)	No data
Physical State	Free flowing powder	Bulk Density	about 0.66 – 0.77 gm/cm ³
Solubility in Water	moderate – contains viable bacteria pH: 6.5 – 8.5	Surface Tension (KYNES/CM @ 25C):	N/A
Evaporation rate (Butyl acetate)	N/A	Boiling Point	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

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.

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: Fast Food

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

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

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

Disclaimer:

The information is furnished without warranty, representation, inducement, or license of any kind, except that it is accurate to the best of Douglas Products and Packaging Company knowledge. Because use conditions and applicable laws may differ from one location to another and may change with time, Recipient is responsible for determining whether the information is appropriate for recipient's use. Since Douglas Products and Packaging has no control over how this information may be ultimately used, all liability is expressly disclaimed and Douglas Products and Packaging Company assume no liability.