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## Material Safety Data Sheet (MSDS)

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**Product Name:** FSS Lemon Peel BioFerment PBF  
**Code Number:** FSS20364PBF  
**CAS #'s:** 84929-31-7 & 107-88-0  
**EINECS #'s:** 284-515-8 & 203-529-7  
**INCI Name:** Lactobacillus/Lemon Peel Ferment Extract & Butylene Glycol

### SECTION I – MATERIAL AND MANUFACTURING IDENTIFICATION

**Chemical Family:** Extracts  
**Chemical Names:** Lactobacillus/Lemon Peel Ferment Extract & Butylene Glycol

### SECTION II – HAZARDS IDENTIFICATION

**Main Hazards:** None

### SECTION III – COMPOSITION / PRODUCT DESCRIPTION

**Hazardous Components:** None

**TWA:** N/A

**Hazard:** None

**HMIS Codes:**

H	0
F	0
R	0

### SECTION IV –FIRST AID MEASURES

**Effects of Single Overexposure:** None

### EMERGENCY AND FIRST AID PROCEDURES

**Skin Absorption:** Rinse with soap and water.  
**Eye Contact:** Rinse with water. Consult with a physician.  
**Inhalation:** Remove from exposure area. Consult with a physician.  
**Skin Contact:** Rinse with soap and water. Consult with a physician.  
**Swallowing:** Consult with a physician.

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### SECTION V – MEASURES IN CASE OF FIRE

Flash Point:	>200°F
Extinguishing Media:	Water, carbon dioxide, foam, dry chemicals
Special Fire Fighting Procedures:	None known
Unusual Fire and Explosion Hazards:	None known

### SECTION VI – MEASURES IN CASE OF ACCIDENTAL SPREADING

After Spillage or Leakage:

On Soil	Pick up free liquid for recycling or disposal. Residual liquid can be absorbed on an inert material.
On Water	Prevent entry into sewers and waterways.

Effect of Single Overexposure: None

### EMERGENCY AND FIRST AID PROCEDURES

Skin Absorption:	Rinse with soap and water.
Eye Contact:	Rinse with water. Consult with a physician.
Inhalation:	Remove from exposure area. Consult with a physician.
Skin Contact:	Rinse with soap and water. Consult with a physician.
Swallowing:	Consult with a physician.

### SECTION VII – HANDLING AND STORAGE

Precautions to be taken in handling and storage:

Labeling:	Keep out of the reach of children. For industrial use, only as directed.
Handling Conditions:	Wash hands after use. Avoid storage near feed or food stuffs.
Storage Conditions:	Keep container closed. Store in a cool, dry place.

### SECTION VIII – CONTROL EXPOSURE – PERSONAL PROTECTION

Respiratory Protection:	N/A
Ventilation:	Local exhaust
Protective Gloves:	Rubber or neoprene
Other Protective Equipment:	Protective clothing to avoid skin contact and eye protection

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### SECTION IX – PHYSICAL AND CHEMICAL DATA

Vapor Pressure: 20C	N/A
Specific Gravity:	N/A
Solubility in Water:	Soluble
Appearance and Odor:	Clear yellow to orange liquid with a characteristic odor

### SECTION X – STABILITY AND REACTIVITY

Stability:	Stable
Conditions to Avoid:	Avoid extreme heat
Incompatibility:	Avoid contact with strong oxidizers
Hazardous Decomposition:	None known
Hazardous Polymerization:	Will not occur

### SECTION XI – INFORMATION ON TOXICITY

Ingestion:	Not determined
Dermal:	Not determined
Ocular:	Not determined
Inhalation:	Not determined

### SECTION XII – INFORMATION ON ECOLOGICAL EFFECT

Biodegradation:	Not determined
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### SECTION XIII – DISPOSAL CONSIDERATION

Recover if possible. In so doing, comply with local and national regulations currently in force.

### SECTION XIV- INFORMATION ON TRANSPORT

Road (ADR) - Not dangerous for conveyance. Sea transport (IMO/IMDG) - Not dangerous for conveyance. Air transport (ICA/IATA) – Not dangerous for conveyance. Rail (RID) - Not dangerous for conveyance.

### SECTION XV - REGULATORY INFORMATION

This product is not classified as dangerous according to 67/548/ECC or 99/45/EC as amended.

TSCA Status: All chemical substances in this material are included on or exempted from listing on the TSCA Inventory of Chemical Substances

This product contains the following non-hazardous components:

	CAS Number
Butylene Glycol	107-88-0



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**OSHA:**

Contents of this MSDS comply with OSHA Hazard Communication Standard 29 CFR 1910.1200.

**Clean Air Act Section 112:**

This product contains the following components present at or above the OSHA de minus level and listed as Hazardous Air Pollutants:

None

**SECTION XV - REGULATORY INFORMATION**

**SARA Section 302 Extremely Hazardous Materials:**

This product contains the following components listed as Extremely Hazardous Substances:

None

**SARA Section 304 CERCLA Hazardous Substances:**

None

**SARA Section 312 Hazard Class:**

Acute:	NO
Chronic:	NO
Fire:	NO
Pressure:	NO
Reactive:	NO

**SARA Section 313 Toxic Chemicals:**

None present or none present in regulated quantities.

**STATE REGULATIONS:**

This product contains the following non-hazardous components subject to disclosure under North Carolina Right-To-Know legislation:

	CAS Number
Butylene Glycol	107-88-0

**SECTION XVI - OTHER INFORMATION**

Prepared by: Formulator Sample Shop