

# MATERIAL SAFETY DATA SHEET

## SECTION 1: PRODUCT IDENTIFICATION

Product Name: **Bioflux**  
 Classification: **Biotic fertilizer**  
 Uses: **Liquid fertilizer, irrigation equipment cleaning**

Manufactured by:  
**Everflux Technologies, Inc.**  
**1714 Franklin St**  
**Ste 100456**  
**Oakland, CA 94612**

Business Phone:  
**1-888-969-3589**  
 Website:  
**www.everflux.tech**

## SECTION 2: HAZARD IDENTIFICATION

- Overview:** Bioflux is a brown liquid with an acidic odor. It is considered to be non-toxic, however it may cause mild health hazards if it comes in contact with the human body.
- Health Hazard:** This product may cause skin, eye or respiratory irritation on contact. An allergic reaction may occur in people allergic to mushrooms, shellfish, pineapple or papaya. Harmful if swallowed.
- Prevention:** Wear gloves when handling. Avoid splashing. Store below 100 degrees Fahrenheit and out of the sun to avoid vaporization or pressure build up. Do not ingest.

## SECTION 3: HAZARDOUS INGREDIENTS

Hazardous Ingredient	CAS #	RTECS #	WT%	Formula	Hazard Notes
Acetic Acid*	64-19-7	AF1225000	<10%	CH <sub>3</sub> COOH	Combustible liquid (>10%), strong oxidizers, strong caustics, irritation of eyes, skin, lungs.

\*Occurs naturally as a result of fermentation. Not an added ingredient. Concentration is similar to that found in table vinegar.

## SECTION 4: FIRST AID MEASURES

- Inhalation:** If vapor is inhaled, remove person to fresh air and keep comfortable for breathing. If respiratory stress continues, seek medical attention.
- Skin Irritation:** If liquid comes in contact with skin, wash thoroughly with soap and water. If irritation persists, seek medical attention.
- Eye Contact:** If liquid comes in contact with eye, flush eye with water constantly for 15 minutes while holding eyelid open.
- Ingestion:** Large amounts may cause nausea, vomiting & other medical problems.
- Allergen:** This product may cause an allergic reaction, especially for those allergic to mushrooms, shellfish, pineapple or papaya. If an allergic reaction occurs, seek immediate medical attention.
- After effect:** An acidic smell may persist for up to 24 hours even after substances has been fully removed.

## SECTION 5: FIRE AND EXPLOSION HAZARD

**Flash Point:** Non-flammable  
**Flammability Limits / LEL / UEL:** N/A

**Unsuitable Extinguishing Media:** None  
**Unusual Fire & Explosion Hazards:** None

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### SECTION 6: HANDLING AND STORAGE

**Safe Handling:** Wear gloves and eye glasses when handling and transporting. Avoid extreme temperatures (> 100 degrees and < 40 degrees Fahrenheit) to retain product functionality and safety. Store out of direct sunlight.

**Methods for Handling Spills:** In case of a liquid spill, wear gloves and eye glasses. Employ best-practice sanitation methods for clean-up. In case of vaporization, wear a particle mask.

### SECTION 7: PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical state:</b>	Liquid	<b>Melting Point:</b>	Unknown
<b>Appearance:</b>	Brown, opaque	<b>Freezing Point:</b>	Unknown
<b>Odor:</b>	Acetic acid	<b>Solubility in Water:</b>	Soluble
<b>Vapor Pressure:</b>	Unknown	<b>Boiling Point:</b>	Unknown
<b>Vapor Density:</b>	Unknown	<b>Evaporation Rate:</b>	Unknown
<b>pH:</b>	3.5 – 4	<b>Flammability:</b>	Not flammable
<b>Relative Density:</b>	59 lb/ ft <sup>3</sup>	<b>Viscosity:</b>	High

### SECTION 8: STABILITY AND REACTIVITY

<b>Reactivity:</b>	No specific data is currently available
<b>Chemical Stability:</b>	Stable
<b>Conditions to Avoid:</b>	Extreme temperatures and direct sunlight
<b>Incompatibility:</b>	None known
<b>Hazardous Decomposition:</b>	None known
<b>Hazardous Polymerization:</b>	Will not occur
<b>Hazardous Reactions:</b>	None known

### SECTION 9: TOXICOLOGICAL INFORMATION

<b>Primary Routes of Exposure:</b>	Skin and eye contact, ingestion.
<b>Symptoms of Exposure:</b>	May act as a slight irritant to skin. Serious irritation may occur from eye contact. Nausea and vomiting may occur from ingesting excessive amounts. Possible allergic reaction in sensitive individuals.
<b>Carcinogenicity:</b>	Not carcinogenic
<b>Medical Conditions Aggravated by Exposure:</b>	Allergies to shellfish, pineapple, papaya or mushroom

### SECTION 10: ECOLOGICAL INFORMATION

<b>Ecology:</b>	This is a live product. All ingredients are naturally occurring in the environment.
<b>Ecological Effects:</b>	There are no known negative ecological effects.
<b>Toxicity Testing:</b>	None toxic except in large, concentrated doses.
<b>Bioaccumulation potential:</b>	Currently unknown.

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### SECTION 11: DISPOSAL CONSIDERATIONS

<b>Disposal Containers:</b>	There are no known restrictions on disposal containers.
<b>Disposal Methods:</b>	Dispose of contents in a compost pile, garden, field or other plant-based ecosystem in accordance with local, state and federal regulations. Product may also be disposed of in a landfill.
<b>Disposal Restrictions:</b>	Do not dispose of through sewer system or waterways. Do not burn as a method of disposal.

### SECTION 12: TRANSPORT CONSIDERATIONS

<b>Transport Hazard Class:</b>	Non-hazardous
<b>Environmental Hazard:</b>	None known
<b>Guidance on Bulk Transport:</b>	Use best known practices for liquid shipment when shipping in bulk.
<b>Special Precautions:</b>	This is a live product. Ensure shipment stays between 50 to 90 degrees Fahrenheit (10 to 32 degrees Centigrade). Only ship in enclosed container (keep out of direct sunlight).

### SECTION 13: REGULATORY INFORMATION

There are currently no known regulations of this product.

### SECTION 14: OTHER INFORMATION

The information provided in this Safety Data Sheet is correct to the best of our knowledge at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal, and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.