

**SECTION 1: IDENTIFICATION**

**Product Trade Name:** EnviroDEFENSE® Enhanced Plant Growth

**Date:** 05-27-2022

**MANUFACTURER/IMPORTER/SUPPLIER/DISTRIBUTOR INFORMATION:**

**COMPANYNAME:** JBMbio LLC  
**COMPANY ADDRESS:** 15425 Chets Way  
 Armada, MI 48065  
**COMPANY TELEPHONE:** Office hours (Mon - Fri) 9:00  
 am to 5:00pm  
 (866) 766-3253  
**COMPANY CONTACT NAME:** Main Office  
**EMERGENCY PHONE NUMBER:** Poison Control 800-222-1222

**SECTION 2: Hazard(s) identification**

**Classification of the substance or mixture**

This product is not considered hazardous

**GHS label elements**

**Other hazards which do not result in classification**

**Precautionary Statements - Storage**

Do not store below freezing, aqueous solutions may freeze and expansion may result in ruptured containers. Do not store for prolonged periods above 135°F as germ of spores may be neutralized.

**Hazards not otherwise classified (HNOC)**

Individuals may develop allergic reactions or sensitization to skin contact particularly among immune compromised individuals. Avoid contamination of open cuts or sores, some bacteria may cause wounds to become infected.

**SECTION 3: Composition/information on ingredients**

Description	CAS Number	EINECS Number	%	Note
This product is a buffered and preserved aqueous solution of naturally-occurring bacterial cultures			0	

**SECTION 4: First Aid Measures**

Description of necessary first-aid measures

<b>General Advice</b>	Show this safety data sheet to the Doctor in attendance
<b>Eye Contact</b>	Rinse thoroughly with plenty of water, also under eyelids. If symptoms persist, call a physician.
<b>Skin Contact</b>	Wash with soap and water. May cause an allergic skin reaction. In case of skin irritation or allergic reaction, see a physician.
<b>Inhalation of liquid</b>	Remove to fresh air. Monitor for symptoms of pneumonia. Aspiration pneumonia is possible from any inhalation of liquid.
<b>Ingestion</b>	Rinse mouth immediately and drink plenty of water. Never give anything by mouth to an unconscious person.

Most important symptoms/effects, acute and delayed

Itching. Rashes. Hives.

Indication of immediate medical attention and special treatment needed, if necessary

Sensitization or allergic reactions from susceptible persons, treat symptomatically.

**SECTION 5: Fire-fighting measures**

Suitable extinguishing media

Use extinguishing measures appropriate to local circumstances and the surrounding environment.

Specific hazards arising from the chemical

May result in sensitization by repeated skin contact.

Special protective actions for fire-fighters

**Explosive Data**

Sensitivity to Mechanical Impact           NO

Sensitivity to Static Discharge           NO

**Protective Equipment and precautions for Fire Fighters**

As in any fire, wear self-contained breathing apparatus, pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

**SECTION 6: Accidental release measures**

Personal precautions, protective equipment and emergency procedures

Personal Precautions Avoid contamination of eating surfaces and utensils. Avoid unnecessary contact with skin. Avoid getting into open cuts or eyes.

Environmental precautions: Refer to Section 7 & 8

Methods and materials for containment and cleaning up

**Containment** Prevent further leakage or spillage if safe to do so.

**Cleaning up** Pick up and transfer to properly labeled container, soak up with inert absorbent material.

## SECTION 7: Handling and storage

Conditions for safe storage, including any incompatibilities

**Storage:** Keep container tightly closed

**Incompatible Products** Strong acids and alkalis, and strong oxidizing agents may react with water in product and inactivate the bacterial cultures.

## SECTION 8: Exposure controls/personal protection

Control parameters

This product, as supplied, does not contain hazardous materials with occupational exposure limits established by the region-specific regulatory bodies.

Appropriate engineering controls

Engineering Measures Showers, eyewash stations, ventilation systems

Individual protection measures

**Eye/Face Protection** None required for consumer use. If splashes likely, wear safety glasses with side-shields

**Skin/Body Protection** None required for consumer use. Repeated and prolonged contact, wear protective gloves and clothing.

**Respiratory Protection** No equipment is needed under normal use.

**Hygiene Measures** Follow good industrial hygiene and safety practices. Take off contaminated clothing and wash before reuse.

## SECTION 9: Physical and chemical properties

Physical and chemical properties

Physical State	Liquid
Appearance	Straw-colored
Odor	Characteristic
pH	6.5 - 8.8
Melting/Freezing	No data available
Boiling Point / Range	100°C / 212°F
Flash Point	None
Flammability (solid, gas)	None
Specific Gravity	1.03
Water Solubility	Dispersible
Viscosity	Water-thin
VOC Content	Negligible

## SECTION 10: Stability and reactivity

Reactivity: No data available

Chemical stability: Stable under recommended storage conditions

Possibility of hazardous reactions: None under normal processing

Conditions to avoid

Storage under freezing conditions. Aqueous solutions may freeze, expand, rupturing containers. Do not expose to high temperatures above 135°F for long periods of time. Close container when not in use.

Incompatible materials

Strong acids and alkalis, and strong oxidizing agents may react with aqueous solutions and may inactivate bacterial cultures.

**Hazardous decomposition products: carbon oxides**

#### SECTION 11: Toxicological information

**Toxicological (health) effects: Itching, Rashes. Hives**

**Information on the likely routes of exposure**

<b>Inhalation</b>	<b>Specific test data for the mixture is not available.</b>
<b>Skin Contact</b>	<b>Specific test data for the mixture is not available. May cause sensitization by skin contact.</b>
<b>Eye Contact</b>	<b>Specific test data for the mixture is not available.</b>
<b>Ingestion</b>	<b>Specific test data for the mixture is not available.</b>

**Delayed and immediate effects and also chronic effects from short and long term exposure**

<b>Sensitization</b>	<b>May cause sensitization in susceptible persons. May cause sensitization to skin contact.</b>
<b>Mutagenic Effects</b>	<b>No information available</b>
<b>Carcinogenicity</b>	<b>Contains no known carcinogen</b>

**Numerical measures of toxicity (such as acute toxicity estimates): Not applicable**

#### SECTION 12: Ecological information

**Toxicity**

This product is composed of naturally occurring, spore-forming, non-pathogenic bacilli found in nature. As spore forming organisms, their presence and distribution is assumed to be global. The product is not expected to be dangerous to the environment with respect to mobility, persistency and biodegradability; bio-accumulative potential, aquatic toxicity and other data related to eco-toxicity.

**Other adverse effects**

**None Known**

#### SECTION 13: Disposal considerations

**Disposal methods**

This material, as supplied, is not a hazardous waste according to Federal Regulation (40 CFR 261). The material could become a hazardous waste if mixed with or otherwise contaminated with hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult pertinent regulations to determine if the altered material is a hazardous waste.

**Dispose of contaminated contents / containers in accordance with local regulations.**

**SECTION 14: Transport information****UN Number: N/A****UN Proper Shipping Name: Not Regulated****Transport hazard class(es): N/A**

TDG	Not regulated
MEX	Not regulated
ICAO	Not regulated
IATA	Not regulated
IMDG/IMO	Not regulated
RID	Not regulated
ADR	Not regulated
ADN	Not regulated

**SECTION 15: Regulatory information****Safety, health and environmental regulations specific for the product in question****International Inventories****TSCA<sup>x</sup>**           Complies**DSL<sup>xx</sup>**           Not all biological components are listed on the DSL

x       TSCA - United States Toxic Substances Control Act - Section 8(b) Inventory

xx      DSL - Canadian Domestic Substances List

**US Federal Regulations****SARA 31** - This product does not contain an ingredient reportable under Section 313, Title III of the Superfund Amendments and Reauthorization ACT of 1986 (SARA)

CWA (Clean Water Act) - Contains no substance regulated under CWA (40 CFR 122.21 and 122.42)

CERCLA (Comprehensive Environment Response and Liability ACT - 40 CFR 302) Contains no ingredient regulated as hazardous per CERCLA or SARA (40 CFR 355)

California Proposition 65 - Contains no Proposition 65 chemicals

US State Right-to-Know Regulations - Contains no substances above the threshold limits regulated by State right-to-know

**SECTION 16: Other information****Other information**

Other Information

Hazardous Material Information System

Health	1
Flammability	0
Physical Hazard	0
Personal Protection	B

Additional Information

The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage, and handling of the product. This information is correct to the best of our knowledge and belief at the time of publication; however, no guarantee is made to its accuracy. The information relates to the specific material designated and may not be valid for such material used in combination with any other material or in any other process.