

**SAFETY DATA SHEET**  
VERSION 1.1  
Revision Date: July 2023

## Section 1: IDENTIFICATION

**Product Identifier:** MICROBE-LIFE PHOTOSYNTHESIS PLUS

**Brand:** MICROBE-LIFE

**Product Number** is based on Product Size. For more information request for brochure/ refer one.

**Manufacturer:** Ecological Laboratories Inc.

**Address:** 2525 N.E. 9<sup>th</sup> Avenue  
Cape Coral, FL 33909

**Phone:** (800) 645-2976

**Emergency:** (800) 424-9300

**Outside USA:** (202) 483-7616

**Recommended Use:** Promotes biological functions at both the plant's foliar & root substrate levels.

## Section 2: HAZARD(S) IDENTIFICATION

**Hazard Classification:** Skin & Eye Irritant

**Signal Word:** Warning

**Hazard Statement:** Classified as Non-Hazardous. Can cause eye and skin irritation over a long period of exposure.

**Pictograms:**



**Precautionary Statements:** Avoid contact with eyes. Flush immediately if needed. Use gloves to avoid contact with skin and open wounds. If exposed, wash with soap and water. Do not use internally. Keep out of reach of children.

**Description of hazard not otherwise classified:** NA

**Mixture containing an ingredient with unknown toxicity:** NA

## Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

**Chemical Name:** NA

**Common Name & Synonyms:** MICROBE-LIFE PHOTOSYNTHESIS PLUS

**Chemical Abstracts Service (CAS) number and unique identifiers:** NA

**Impurities & Stabilizing Additives:** NA

**Chemical Name and Concentration of all ingredients (classified as health hazard):**

Ingredients not precisely identified are non-hazardous & proprietary.

All chemical ingredients appear on the EPA TSCA Inventory.

## Section 4: FIRST AID MEASURES

**Note:** The product has been classified as a non-hazardous substance.

### **If inhaled**

Prolonged contact may cause slight irritation. Supply fresh air immediately. Rinse mouth and nose with water. Contact a physician if necessary.

### **In case of skin contact**

Slight redness on hands and forearms if individual has a history of dermal allergic reactions. Dermatitis and skin sensitization can develop after repeated and/or prolonged contact. Rinse with water. Remove contaminated clothing and footwear. If symptoms persist, call a physician.

### **In case of eye contact**

This material may cause eye irritation. Rinse with plenty of lukewarm water, also under eyelids for fifteen minutes. If symptoms persist, call a physician.

### **If swallowed**

No effect in small doses. A single dose of this product is rarely toxic by ingestion. Irritation of the mouth, pharynx, esophagus and stomach can develop. Rinse mouth with water. Gargle with water. If uneasy symptoms persist, call a physician. Call poison control.

**Recommendation for immediate medical care:** Proceed as mentioned above. Call poison control if ingested. Seek medical attention if irritation persists. Remove contaminated clothing and footwear; wash with soap and water if it comes in contact with skin. May cause infection if in contact with open wounds.

## Section 5: FIRE FIGHTING MEASURES

### **Suitable extinguishing media**

Use extinguishing measures that are appropriate to local circumstances and the environment.

### **Special hazards arising from the substance or mixture**

NA

### **Advice for firefighters**

Fire fighters must wear fire resistant personnel protective equipment.

### **Further information**

Product is not considered to be a Fire Hazard.

## Section 6: ACCIDENTAL RELEASE MEASURES

### **Personal Precautions, Protective Equipment and Emergency Procedures**

As mentioned under section 7.

### **Environmental Precautions**

NA

### **Methods and materials for containment and cleaning up**

Where possible flush down drain to waste treatment sewer, otherwise on small spills, use chemical absorbent and sweep up. For larger spills, contain and collect for reuse or disposal.

### **Reference to other sections**

See Section 7 for information on safe handling.

See Section 8 for information on PPE.

See Section 13 for disposal information.

## Section 7: HANDLING & STORAGE

### **Precautions for safe handling**

Prevent skin and eye contact. Wash hands thoroughly with soap and water after use. Avoid contact with eyes.

**Conditions for safe storage, including any incompatibilities**

Store materials at temperatures below 120° F/ 49° C and above 32° F/ 0° C.

**Specific end use(s)**

NA

**Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION****Control parameters**

None

**Components with workplace control parameters**

Contains no substance with occupational exposure limit values.

**Exposure controls**

Material transfer should be done under conditions of local exhaust ventilation to avoid breathing mist.

**Permissible Exposure Limit (PELs)**

None

**Threshold Limit Values (TLVs)**

None

**Appropriate engineering controls**

Open air/Ventilation

**Personal protective equipment**

Wash hands and face before eating, drinking or smoking after handling material.

**Eye/face protection**

None required for consumer use. If splashes are likely to occur, wear safety glasses with side-shields.

**Skin and Body protection**

None required for consumer use. Repeated or prolonged contact: Wear protective gloves and protective clothing.

**Respiratory protection**

No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

**Control of environmental exposure**

NA

**Section 9: PHYSICAL & CHEMICAL PROPERTIES****Appearance**

Light pink to dark red or purple liquid

**Odor**

Pungent and distinctive odor

**pH**

6.9 to 7.5

**Melting point/freezing point**

NA

**Initial Boiling Point**

Over 212° F/100° C

**Flash Point**

NA

**Flammability (solid, gas)**

None

**Vapor Pressure & Density**

NA

**Water Solubility**

NA

**Specific gravity**

0.9985 approximately

## Section 10: STABILITY AND REACTIVITY

### Reactivity

NA

### Chemical stability

Stable under normal conditions.

### Possibility of hazardous reactions

NA

### Condition to avoid

None know.

### Incompatible materials

Strong acids or alkali compounds

### Hazardous decomposition products

NA

## Section 11: TOXICOLOGICAL INFORMATION

### Acute Toxicity

Acute Oral LD<sub>50</sub> (in rats) >5000 mg/Kg

Acute Dermal LD<sub>50</sub> (in rats) >5000 mg/Kg

### Chronic Toxicity

NA

### Reproductive Toxicity

NA

### Additional Information

None

## Section 12: ECOLOGICAL INFORMATION

### Toxicity

48-hour LC<sub>50</sub> using *Daphnia magna* (water flea) >16,000 mg/L

### Persistence and degradability

None

### Bio-accumulative potential

NA

### Mobility in soil

NA

### Other adverse effects

None

## Section 13: DISPOSAL CONSIDERATIONS

### Waste Treatment Methods

Disposal in accordance with federal, state and local regulations.

## **Section 14: TRANSPORT INFORMATION**

**DOT (US)**

**UN Number**

NA

**Class**

NA

**Packing Group**

NA

**Proper Shipping Name**

NA

## **Section 15: REGULATORY INFORMATION**

There are no safety, health and environmental regulations/legislation specific for the substance or mixture.

## **Section 16: OTHER INFORMATION**

**HMIS**

Health – 1

Flammability – 0

Reactivity – 0

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named manufacturer nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

This product conforms on its chemical description and is reasonably fit for the purpose referred to in the directions for use when used in accordance with the directions under normal conditions. However, the manufacturer could withdraw the chemical composition of the product on the basis of it being a trade secret.

### **29 CFR 1910.1200 (D)(1)**

The safety data sheet indicates that the specific chemical identity and/or percentage of composition is being withheld as a trade secret; The specific chemical identity and percentage is made available to health professionals, employees, and designated representatives in accordance with the applicable provisions.

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