



**Ecological Laboratories** INC.

*Providing Aquatic Solutions Since 1976*

**SAFETY DATA SHEET**

VERSION 1.1

Revision Date : April 2015

## **Section 1 : IDENTIFICATION**

**Product Identifier :** MICROBE LIFT PROFESSIONAL BLEND DRY

**Brand :** MICROBE-LIFT

**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:** The PBD packets contain cellulose enzymes, hyper cellulose producing bacteria and cold weather bacteria to accelerate the breakdown of leaves, small twigs, sediments and other accumulated dead organic waste.

## **Section 2 : HAZARD(S) IDENTIFICATION**

**Hazard Classification :** Skin & Eye Irritant

**Signal Word :** Caution

**Hazard Statement:** Avoid contact with eyes. Flush immediately for fifteen minutes 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.

**Pictograms :**



**Precautionary Statements :** NA

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

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

## **Section 3 : COMPOSITION/INFORMATION ON INGREDIENTS**

**Chemical Name:** Powder containing naturally occurring microorganisms, carriers and filler.

**Common Name & Synonyms :** Microbe Life PBD

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

**Impurities & Stabilizing Additives :** NA

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

Given above.

Chemical compositions have been withheld as a trade secret.

## **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**

Rinse with water. 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. Wash the material off the skin with soap and water. If symptoms persist, call a physician. Remove contaminated clothing and footwear. Wash clothing and footwear before reuse.

### **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**

Irritation of the mouth, pharynx, esophagus and stomach can develop. Rinse mouth with water. Induce vomiting only if advised by physician or poison control center. If uneasy symptoms persist, call a physician. Call poison control.

**Recommendation for immediate medical care:** Call poison control if ingested. Immediately flush with water for 15 minutes if it comes in contact with eyes. Seek medical attention if irritation persists. Remove contaminated clothing and footwear; wash with soap and water if it comes in contact with skin.

## **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**

Not Required

### **Environmental Precautions**

NA

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

After spillage dilute with water and wash to drain. Do not use high pressure water jet. Wash contaminated clothing.

### **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**

All materials should be handled under good housekeeping practices. Wash hands after use. Care should be taken to ensure product is not introduced to drinking water or food stuffs. Store container in a dry and cool place.

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

NA

### **Specific end use(s)**

Keep out of reach of children.

## **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.

### **Permissible Exposure Limit (PELs)**

None

### **Threshold Limit Values (TLVs)**

None

### **Appropriate engineering controls**

Open air/Ventilation

### **Personal protective equipment**

#### **Eye/face protection**

Tightly fitting safety goggles recommended when handling large quantities.

#### **Skin protection**

Skin should be covered by clothing at a minimum. Avoid excessive skin contact. Rubber gloves-recommended

#### **Body protection**

Same as above

#### **Respiratory protection**

Dusk masks recommended

#### **Control of environmental exposure**

Minimized environmental exposure.

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

### **Appearance**

Tan powder

### **Odor**

Mildly earthy odor.

### **pH**

NA

### **Melting point/freezing point**

NA

### **Initial Boiling Point**

NA

### **Flash Point**

NA

### **Flammability (solid, gas)**

No

### **Vapor Pressure & Density**

Equivalent to water

### **Water Solubility**

Dispersible

### **Specific gravity**

NA

## **Section 10 : STABILITY AND REACTIVITY**

### **Reactivity**

NA

### **Chemical stability**

Stable under normal conditions.

### **Condition to avoid**

none

### **Incompatible materials**

Strong acids or alkali compounds.

### **Hazardous polymerization**

Will not occur

### **Hazardous decomposition products**

NA

## **Section 11 : TOXICOLOGICAL INFORMATION**

### **Acute Toxicity**

NA

### **Chronic Toxicity**

NA

### **Reproductive Toxicity**

NA

### **Additional Information**

Pathogenicity – component bacteria are non-pathogenic and generally regarded as safe.

## **Section 12 : ECOLOGICAL INFORMATION**

### **Toxicity**

Not classified.

### **Persistence and degradability**

None

### **Bio-accumulative potential**

NA

### **Mobility in soil**

NA

### **Other adverse effects**

This product is believed not to be dangerous to the environment with respect to mobility, persistency and degradability, bio accumulative potential, aquatic toxicity and other data relating to Eco toxicity

## **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**

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 (I)(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.

Seller makes no other warranty or representation of any kind, express or implied, concerning the product, including **NO IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS OF THE GOODS FOR ANY OTHER PARTICULAR PURPOSE**. No such warranties shall be implied by law and no agent of seller is authorized to alter this warranty in any way except in writing with a specific reference to this warranty. The exclusive remedy against seller shall be in a claim for damages not to exceed the purchase price of the product, without regard to whether such a claim is based upon breach of warranty or tort. Any controversy or claim arising out or relating to this contract, or breach thereof, shall be settle by arbitration in accordance with the commercial arbitration rules of the American Arbitration Association, and judgment upon the rendered by the Arbitrator(s) may be entered in any court having jurisdiction thereof.