



**Ecological Laboratories** INC.

Providing Aquatic Solutions Since 1976

**SAFETY DATA SHEET**

VERSION 1.1

Revision Date : May 2015

## Section 1 : IDENTIFICATION

**Product Identifier :** MICROBE LIFT BARLEY STRAW CONCENTRATED EXTRACT

**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:** Read label.

## Section 2 : HAZARD(S) IDENTIFICATION

**Hazard Classification :** Skin & Eye Irritant

**Signal Word :** Caution

**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 :** MICROBE LIFT BARLEY STRAW CONCENTRATED EXTRACT

**Common Name & Synonyms :** NA

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

| <u>PRODUCT</u>   | <u>CAS#</u> | <u>%</u> |
|------------------|-------------|----------|
| Active component | Proprietary | < 15%    |
| Water            | 7732-18-5   | > 85%    |

**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.

Values are not product specifications.

## **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**

May cause skin irritation. 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**

Excessive ingestion may cause nausea or diarrhea. Irritation of the mouth, pharynx, esophagus and stomach can develop. Rinse mouth with water. Gargle with water. If uneasy symptoms persist, call a physician. Induce vomiting only if advised by physician or poison control. 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.

## **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**

NA

### **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**

Flush spilled materials into sanitary or storm sewers. Use chemical absorbent and sweep up small spills. Contain and collect large spills.

### **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**

Minimize exposure in accordance with good hygiene practice. Keep out of reach of children.

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

To maintain shelf life, avoid prolonged exposure to high or low temperatures and humidity.

Avoid temperatures above 110 F and keep from freezing.

### **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 before and after using the product.

### **Eye/face protection**

Tightly fitting safety goggles recommended

### **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**

Not recommended. Avoid creating aerosols in poorly ventilated areas.

### **Control of environmental exposure**

The bacteria and carriers are naturally occurring and should not pose an environmental risk.

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

### **Appearance**

Dark brown/ black liquid.

### **Odor**

Earthy odor.

### **pH**

6.5 – 8.0

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

NA

### **Initial Boiling Point**

100 C

### **Flash Point**

NA

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

None

### **Vapor Pressure & Density**

Equivalent to water.

### **Water Solubility**

99%

### **Specific gravity**

1.04 Approximately.

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

### **Reactivity**

NA

### **Chemical stability**

Stable under normal conditions.

### **Possibility of hazardous reactions**

NA

### **Condition to avoid**

Strong acids or alkali may oxidize or digest organic matter.

### **Incompatible materials**

Strong acids or alkali compounds.

### **Hazardous decomposition products**

Will not occur. This is a nontoxic, nonpathogenic liquid extract of barley.

## **Section 11 : TOXICOLOGICAL INFORMATION**

### **Acute Toxicity**

None

### **Chronic Toxicity**

NA

### **Reproductive Toxicity**

NA

### **Additional Information**

None

## **Section 12 : ECOLOGICAL INFORMATION**

### **Toxicity**

NA

### **Persistence and degradability**

NA

### **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**

Via an authorized waste disposal contractor to an approved waste disposal site, observing all local and national regulations.

