

**SAFETY DATA SHEET**  
VERSION 1.1  
Revision Date: April 2020

## Section 1: IDENTIFICATION

**Product Identifier:** MICROBE-LIFT POND SALT

**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:** Helps maintain a healthy pond environment and reduce the threat of parasitic disease in pond water.

## Section 2: HAZARD(S) IDENTIFICATION

**Hazard Classification:** Skin & Eye Irritant

**Signal Word:** Warning

**Hazard Statement:** May cause slight irritation to the respiratory tract; large doses while ingesting may cause vomiting or diarrhea. It may cause irritation to skin and irritation or redness to eye.

**Pictograms:**



**Precautionary Statements:** Keep children away from the product.

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

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

## Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

**Chemical Name:** Sodium Chloride

**Common Name & Synonyms:** NA

**Chemical Abstracts Service (CAS) number and unique identifiers:** 7647-14-5; 99%

**Impurities & Stabilizing Additives:** NA

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

## Section 4: FIRST AID MEASURES

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

### **If inhaled**

May cause mild irritation to the respiratory tract.

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

May irritate damaged skin; absorption can occur with effects similar to those via ingestion.

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

Causes irritation, redness and pain. (For salt concentrations greater than the normal saline present)

### **If swallowed**

Very large doses can cause vomiting, diarrhea and prostration. Dehydration and congestion occur in most internal organs. Hypertonic salt solutions can produce violent inflammatory reactions in the gastrointestinal tract.

**Recommendation for immediate medical care:** As applicable above

## 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**

Eye goggles, Rubber gloves

### **Environmental Precautions**

NA

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

Ventilate area of leak or spill. Wear PPE as specified above. Sweep up and containerize for reclamation or disposal. Vacuuming or wet sweeping may be used to avoid dust dispersal. Small amounts of residue may be flushed to sewer with plenty of water.

### **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**

Protect against physical damage.

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

Keep in a tightly closed container, stored in a cool, dry, ventilated area. Protect against physical damage. Store under dry (less than 75% R.H.) conditions to prevent caking of salt. Store on pallets under protective cover. Do not store cases/bags directly on damp or concrete floors. Avoid pressure packing/stacking of bags by stacking pallets no greater than 3 high.

### **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 dust.

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

None

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

None

### **Appropriate engineering controls**

In general, dilution ventilation is a satisfactory health hazard control for this substance. However if conditions of use create discomfort to the worker, a local exhaust system should be considered.

### **Personal protective equipment**

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

Use safety goggles. Maintain eye wash fountain and quick drench facilities in work area.

#### **Skin protection**

Wear protective gloves and clean body covering clothing.

#### **Respiratory protection**

For conditions of use where exposure to dust or mist is apparent and engineering controls are not feasible, a particulate respirator (NIOSH type N95 or better filters) may be worn. If oil particles (e.g. lubricants, cutting fluids, glycerin, etc.) are present, use a NIOSH type R or P filter. For emergencies or instances where the exposure levels are not known, use a full-face positive-pressure, air-supplied respirator.

WARNING: Air-purifying respirators do not protect workers in oxygen-deficient atmospheres.

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

Minimized environmental exposure.

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

### **Appearance**

Solid white or off white crystalline

### **Odor**

Odorless

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

NA

### **Initial Boiling Point**

NA

### **Flash Point**

NA

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

No

### **Vapor Pressure & Density**

2.4

### **Water Solubility**

35.7 @ 0° C; 36.0 @ 20° C

### **Specific gravity**

2.165

## Section 10: STABILITY AND REACTIVITY

### Reactivity

NA

### Chemical stability

Stable under normal conditions.

### Possibility of hazardous reactions

NA

### Condition to avoid

Concentrated acids such as sulfuric acid or nitric.

### Incompatible materials

Strong acids or alkali compounds.

### Hazardous decomposition products

When heated to above 801° C it emits toxic fumes of chloride and sodium oxide.

## Section 11: TOXICOLOGICAL INFORMATION

### Acute Toxicity

Oral rat LD50

3000 mg/kg.

Inhalation rat LC50

> 42 gm/m<sup>3</sup> /1H.

Skin rabbit LD50

> 10 gm/kg. Investigated as a mutagen, reproductive effector.

### Chronic Toxicity

NA

### Reproductive Toxicity

NA

### Additional Information

None

## Section 12: ECOLOGICAL INFORMATION

### Toxicity

Not classified.

### 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**

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.

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.