



# **Ecological Laboratories** INC.

*Providing Aquatic Solutions Since 1976*

## **MATERIAL SAFETY DATA SHEET**

**PRODUCT: MICROBE-LIFT Restore**

### **SECTION I: IDENTIFICATION**

Manufactures Name: Ecological Laboratories, Inc.  
Address: 2525 N.E. 9<sup>th</sup> Avenue  
Cape Coral, FL 33909  
Emergency Telephone: (800)424-9300 (outside the U.S.A. (202) 483-7616 collect)  
Information Telephone: (800) 645-2976  
Date Prepared: 12/01/08

### **SECTION II: COMPOSITIONS/ INGREDIENTS**

Ingredients:  
water, >90%  
proprietary polymer mixture, >5%  
paraben preservatives, >0.1%  
cyanobobalamin, <0.1%

### **SECTION III: PHYSICAL/CHEMICAL CHARACTERISTICS**

Appearance and Odor: Clear to slightly turbid, pink liquid with a mild odor.  
Boiling Range: >100 °C (>212 °F)  
Specific Gravity: ~ 1.01  
Vapor Pressure at 20 C (in mm of Hg): N/D  
Vapor Density (air =1): N/D  
Solubility in Water: 100%  
Evaporation Rate (n-butanol = 1): N/D  
% Volatiles: >90 %

### **SECTION IV: FIRE AND EXPLOSION HAZARD DATA**

Lower Flammability Limits (% in air): Non-Flammable  
Flash Point and methods: Non-Flammable  
Flammability Classification: None  
Recommended Extinguishing Media: None  
Special Fire Fighting Procedures: None  
Usual Fire/ Explosive Hazards: None

### **SECTION V: REACTIVITY DATA**

Stability: Stable.  
Conditions to Avoid: None  
Incompatibility (materials to avoid): Contact with strong oxidizers (such as permanganates and nitric acid) or strong acids will render the material useless for its intended purposes.  
Hazardous Decomposition or byproducts: None  
Hazardous Polymerization: Will not occur.

## SECTION VI: HEALTH HAZARD DATA

Threshold Limit Value:	Non-toxic; acute mamalian (rat) toxicity studies indicate an LD50 of >5,000 mg/Kg
Effects of Overexposure:	None
Emergency First Aid Procedures:	No special procedures required
CALIFORNIA WARNING:	None

## SECTION VII: PRECAUTIONS FOR SAFE HANDLING, USE AND DISPOSAL

In Case of Fire:	Use extinguishing media and equipment applicable to the type of fire, but this product represents no special fire hazard.
In Case of Spill or Accidental Release:	Dike and contain spill. For a large scale spill pump to sanitary sewer. Small spills or leaks may be absorbed on inert material such as sand, clay, earth or floor absorbent.
Waste Disposal Procedures:	Incinerate or dispose of per local, state and federal pollution regulations.

## SECTION VIII: CONTROL MEASURES

Respiratory Protection:	None
Local Exhaust:	Not required
Protective Gloves:	Not required
Eye Protection:	Not required
Other Protective Equipment:	None

## SECTION IX: ADDITIONAL PRECAUTIONS:

- (1) Person with preexisting skin disorders or eye irritation should avoid contact with eyes and skin.
- (2) Keep container upright and tightly closed when not in use.
- (3) Do not add any other materials to the container (including unused of material originally removed from the container).

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