



# Ecological Laboratories *INC.*

Providing Aquatic Solutions Since 1976

## MATERIAL SAFETY DATA SHEET

PRODUCT: MICROBE-LIFT 6.5 Buffer Stabilizer Powder

### 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: 03/01/2010

### SECTION II: COMPOSITIONS/ INGREDIENTS

Components: Ingredients not precisely identified are non -hazardous & proprietary.  
All chemical ingredients appear on the EPA TSCA Inventory.  
Values are not product specifications.

### SECTION III: PHYSICAL/CHEMICAL CHARACTERISTICS

|                      |                     |                   |              |
|----------------------|---------------------|-------------------|--------------|
| Boiling Point:       | 100 <sup>0</sup> C  | Specific Gravity: | 1.0 approx.  |
| Vapor Pressure:      | Equivalent to water | Melting Point:    | N/A          |
| Vapor Density:       | Equivalent to water | Evaporation Rate: | N/D          |
| Solubility in Water: | 99%                 | HIMS:             | Health-2     |
| Appearance & Odor:   | White Powder        |                   | Fire-0       |
|                      | Odorless            |                   | Reactivity-1 |
| pH:                  | 6.5                 |                   |              |

### SECTION IV: FIRE AND EXPLOSION HAZARD DATA

|                                   |                                     |                   |     |
|-----------------------------------|-------------------------------------|-------------------|-----|
| Flash Point:                      | N/A                                 | Flammable Limits: | N/A |
| LEL:                              | N/A                                 | UEL:              | N/A |
| Extinguishing Media:              | None                                |                   |     |
| Special Fire Fighting Procedures: | N/D                                 |                   |     |
| Unusual Fire & Explosion Hazards: | N/A                                 |                   |     |
| Fire & Explosion Hazard Summary:  | Not considered to be a fire hazard. |                   |     |

N/A = Not applicable      N/D = Not determined

### SECTION V: REACTIVITY DATA

|   |  |
|---|--|
| Stability: (Unstable/Stable)              | Stable under normal conditions.                              |
| Conditions to Avoid:                      | Strong acids or alkali may oxidize or digest organic matter. |
| Incompatibility:<br>(Materials to avoid)  | Strong acids or alkali compounds.                            |
| Hazardous Decomposition or<br>Byproducts: | N/A  |
| Hazardous Polymerization:                 | Will not occur.  |

## SECTION VI: HEALTH HAZARD DATA

|  |   |
|--|---|
| Route(s) of Entry:                                   |   |
| Inhalation:  | Will not occur.   |
| Skin:  | Prolonged contact may cause slight irritation.  |
| Ingestion:   | May cause sickness if ingested in large quantities.   |
| Health Hazards:                                      | None Known  |
| (Acute & Chronic)                                    |   |
| Carcinogenicity:                                     | N/A   |
| NTP:   | N/A   |
| IARC Monographs:                                     | N/A   |
| OSHA Regulated:                                      | N/A   |
| Signs & Symptoms of Exposure:                        |   |
| Ingestion:   | No effect if ingested in small amounts.<br>A single dose of this product is rarely toxic by ingestion. Irritation of the mouth, pharynx, esophagus and stomach can develop.           |
| Eyes:  | This material may cause eye irritation.   |
| Skin:  | 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. |
| Medical Conditions Generally Aggravated by Exposure: | May cause infection if in contact with open wounds.   |
| Emergency & First Aid Procedures:                    |   |
| Ingestion:   | Call poison control center.   |
| Eyes:  | Immediately flush with water for 15 minutes.<br>Seek medical attention if irritation persists.  |
| Skin:  | Remove contaminated clothing and footwear.<br>Wash with soap and water.   |

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

|  |  |
|--|--|
| Steps to be Taken in Case Material is Released or Spilled: | Collect the product with suitable means, shovel, and sweep, avoiding dust formation.   |
| Waste and Disposal Method:                                 | Dispose of in accordance with federal, state, and local regulations.   |
| Precautions to be taken in Handling and Storing:           | Minimize exposure in accordance with good hygiene practice. To maintain shelf life, avoid prolonged exposure to high or low temperatures and humidity. Avoid temperatures above 110° F and keep from freezing. |
| Other Precautions:   | Keep out of reach of children.   |

## SECTION VIII: CONTROL MEASURES

|   |  |
|---|--|
| Respiratory Protection (Specify Type):  | None required for recommended use. Avoid creating aerosols in poorly ventilated areas. |
| Ventilation: Local Exhaust-             | Normal   |
| Mechanical-                             | N/A  |
| General                                 |  |
| Special-                                | None   |
| Other-                                  | None   |
| Protective Gloves:                      | Rubber gloves not necessary but recommended.   |
| Eye Protection:                         | Safety glasses not necessary but recommended.  |
| Other Protective Clothing or Equipment: | As determined.   |

Work/Hygienic Practices:

Normal

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