



Ecological Laboratories INC.

Providing Aquatic Solutions Since 1976

MATERIAL SAFETY DATA SHEET **PRODUCT: MICROBE-LIFT Phosphate Remover**

SECTION I: IDENTIFICATION

Manufactures Name: Ecological Laboratories, Inc.
Address: 2525 N.E. 9th 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

Hazardous Ingredients: No hazardous ingredients.

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

Non-hazardous liquid organic matter. Active components <15% are proprietary. Water, CAS# 7732-18-5, >85%.

OSHA PEL: None
ACGIH TLV: N/A
Other Limits: None

SECTION III: PHYSICAL/CHEMICAL CHARACTERISTICS

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|----------------------|---------------------|-------------------|--------------|
| Boiling Point: | 100 ⁰ C | Specific Gravity: | 1.14 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: | Dark Violet | | Fire-0 |
| | Odorless | | Reactivity-1 |
| pH: | Range 3.5 to 5.5 | | |

SECTION IV: FIRE AND EXPLOSION HAZARD DATA

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|-----------------------------------|-------------------------------------|-------------------|-----|
| 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

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

SECTION VI: HEALTH HAZARD DATA

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| 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: (Acute & Chronic) | None Known |
| 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. 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. Seek medical attention if irritation persists. |
| Skin: | Remove contaminated clothing and footwear. Wash with soap and water. |

SECTION VII: PRECAUTIONS FOR SAFE HANDLING, USE AND DISPOSAL

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| Steps to be Taken in Case Material is Released or Spilled: | Flush spilled materials into sanitary or storm sewers. Use chemical absorbent and sweep up small spills. Contain and collect large spills. |
| 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

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| 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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