Ecological Laboratories INC.
Providing Aquatic Solutions Since 1976

MATERIAL SAFETY DATA SHEET
PRODUCT: MICROBE-LIFT pH Increase

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:	Sodium Hydroxide 50%, CAS# 1310-73-2, >7%
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

Boiling Point:	100^0 C	Specific Gravity:	1.08 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-1
Appearance & Odor:	Fluorescent Green Odorless		Fire-0 Reactivity-2
pH:	Range 11.0 to 14.0		

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: *(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

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

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 110º 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- General	N/A
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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