



Ecological Laboratories INC.

Providing Aquatic Solutions Since 1976

MATERIAL SAFETY DATA SHEET

PRODUCT: MICROBE-LIFT The Mean Green Algae Team (DRY)

SECTION I: IDENTIFICATION

Manufactures Name: Ecological Laboratories, Inc.
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SECTION II: COMPOSITIONS/ INGREDIENTS

<u>PRODUCT</u>	<u>CAS#</u>
Sodium Carbonate Peroxyhydrate	15630-89-4
Sodium Carbonate	497-19-8

SECTION III: PHYSICAL/CHEMICAL CHARACTERISTICS

Appearance: White, granular, solid
Odor: None
Bulk Density: 1.0 – 1.2 g/cm³
Solubility: 140 g/L @ 24° C (75° F)
pH 1% solution: 10.4 – 10.6

SECTION IV: FIRE AND EXPLOSION HAZARD DATA

Special fire hazards: Oxidizing substance that causes exothermic reactions with organic materials.
Fire fighting methods: Product is not flammable and can be quickly diluted with clean water.
Specific Hazards: Reacts with oxidizing substances – decomposition may support combustion.

SECTION V: REACTIVITY DATA

Stability: Stable under normal conditions
Avoid: Heat/Sources of Heat
Water/Moisture
Acids & Bases
Reducing Agents
Organic Materials

SECTION VI: HEALTH HAZARD DATA

Inhalation: Slight nose and throat irritation
Eye contact: Severe eye irritation, risk of serious eye lesions
Skin contact: Slight irritation
Ingestion: Severe irritation of the mouth, throat, esophagus and stomach
First Aid Procedure:

If inhaled: Immediately moves a person to fresh air. Consult with a physician in case of respiratory symptoms.

Eyes: Immediately flush with plenty of cool running water. Remove contact lenses. Continue flushing for at least 15 minutes, holding eyelids apart to ensure rinsing of the entire eye. Call a physician immediately.

Skin: Remove contaminated shoes, socks, and clothing. Wash the affected skin with running water. Wash clothing before reuse.

If swallowed: Consult a physician in all cases. If the subject is completely conscious, rinse mouth and administer fresh water. Do NOT induce vomiting. NEVER give anything by mouth to an unconscious person.

SECTION VII: PRECAUTIONS FOR SAFE HANDLING AND USE

Spill or Leak Procedure: 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. Do not return spilled or contaminated material to inventory. Clean the area with large quantities of clean, cold water.

Handling and Storing:

- Never return unused product to the original container
- Keep concentrate away from reactive substances
- Prevent contact with organic materials
- Keep product in original container
- Store in cool, dry area
- Keep out of direct sunlight and away from heat sources.

Packing Treatment: Rinse empty containers with clean water. Clean and empty containers are to be recycled or disposed on accordance with local regulations.

SECTION VIII: CONTROL MEASURES

Respiratory: For most conditions, no respiratory protection should be needed.

Eyes: Use dust proof chemical goggles

Hands: Protective gloves – chemical resistant

Skin: Body-covering clothing

SECTION IX: TOXICOLOGY INFORMATION

Acute Toxicity:

- Dermal = LD Lo rabbit > 2000 mg/kg
- Inhalation = LC 0 1 hour, rat > 4580 mg /m
- Oral = LD 50 rat 1034 mg/kg

SECTION X: ECOLOGICAL INFORMATION

Toxic to simple cell organisms. Danger to the environment is limited – due to product properties.

- No bioaccumulation
- Soil degradation = 99% in 20 minutes
- Considerable abiotic and biotic degradability
- Sediments = Non-significant adsorption
- Weak persistence of degradation products
- Degradation products = sodium carbonate, carbon dioxide, bicarbonate carbonate, hydrogen dioxide.

SECTION XI: TRANSPORT INFORMATION

D.O.T. Shipping Name: Not regulated

UN Number: None

Hazard Class:	None
Primary Hazard Label:	None
Subsidiary Risk Label:	None
Packing Group:	None
WHMIS Classification:	C – oxidizing material

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