



## **MATERIAL SAFETY DATA SHEET**

### **PRODUCT: MICROBE-LIFT Barley Extract**

#### **SECTION I**

Manufacturer's Name:	Ecological Laboratories, Inc.
Address:	215 N. Main Street Freeport, NY 11520
Emergency Telephone:	(800)424-9300 (outside the U.S.A. (202) 483-7616 collect)
Information Telephone:	(800) 645-2976
Date Prepared:	12/20/03

#### **SECTION II INGREDIENTS/IDENTITY INFORMATION**

Hazardous Ingredients: No hazardous ingredients

Components: Ingredients not precisely identified are nonhazardous & 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  
%(optional) N/A

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

Boling Point:	100° C	Specific Gravity:	1.04 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:	Brown liquid		Fire-0
	Earthy odor		Reactivity-0
PH:	Range 6.5 to 8.0		

#### **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



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## MICROBE-LIFT Barley Extract

### 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: ( <i>materials to avoid</i> )	Strong acids or alkali compounds.
Hazardous Decomposition or Byproducts:	N/A
Hazardous Polymerization: ( <i>May occur. Will not occur</i> )	Will not occur. This is a non-toxic, nonpathogenic liquid extract of barley.

### SECTION VI HEALTH HAZARD DATA

Route(s) of Entry: Inhalation- Skin- Ingestion-	Will not occur. Prolonged contact may cause slight irritation. May cause sickness if ingested in large quantities.
Health Hazards: ( <i>Acute &amp; Chronic</i> )	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.

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## MICROBE-LIFT Barley Extract

### SECTION VII PRECAUTIONS FOR SAFE HANDLING AND USE

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

Respiratory Protection (Specify Type)

None required for recommended use. Avoid creating aerosols in poorly ventilated areas.

Ventilation: Local Exhaust-  
Mechanical-  
General  
Special-  
Other-

Normal  
N/A

None  
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:

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