



# **Ecological Laboratories** INC.

*Providing Aquatic Solutions Since 1976*

## **MATERIAL SAFETY DATA SHEET**

**PRODUCT: Foliar Spray & Root Dip**

### **SECTION 1: 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: 10/03/2011

### **SECTION 2: COMPOSITIONS/ INGREDIENTS**

<u>PRODUCT</u>	<u>%</u>
Active components	<15%
Water	>80%
Beneficial endo and ecto mycorrhizal	<1%
Other ingredients (non-hazardous liquid organic substrate)	<4%

### **SECTION 3: HAZARD IDENTIFICATION**

Inhalation: Move to fresh air.  
Skin absorption: Systematically toxic concentrations will probably not be absorbed through the skin in man.  
Ingestion: May result extreme diarrhea.  
Other effects of overexposure: May cause infection of in contact with open wounds.

### **SECTION 4: FIRST AID MEASURES**

Ingestion: Induce vomiting only if advised by physician or poison control center.  
Eyes: Immediately flush with water for at least 15 minutes and have eyes examined and treated by medical personnel. Seek medical attention if irritation persists.  
Skin: Remove contaminated clothing and footwear. Wash material off the skin with soap and water. Wash clothing and footwear before reuse.

### **SECTION 5: FIRE FIGHTING MEASURES**

Flash Point: None  
Extinguishing Media: None  
Special Fire Fighting Procedures: None  
Unusual Fire & Explosion Hazards: None

Fire & Explosion Hazard Summary: Not considered to be a fire hazard.

Fire-Fighting Equipment/ Procedure: Standard fire fighting equipment

## SECTION 6: ACCIDENTAL RELEASE MEASURES

In Case of Spill or Accidental Release: Where possible, flush down drain to waste treatment sewer; otherwise on small spills, use chemical adsorbent and sweep up. For large spills, contain and collect for reuse or disposal

## SECTION 7: HANDLING AND STORAGE

Handling: Precautions to be taken in handling or storing: Prevent skin and eye contact. Wash hands thoroughly with soap and water after use. Avoid contact with eyes.  
Storage: Store material at temperatures below 120° F./49° C. and above 32° F./0° C.

## SECTION 8: EXPOSURE CONTROL AND PERSONAL PROTECTION

Protection: NIOSH approved respiratory equipment not required.  
Ventilation: Normal  
Local exhaust: Normal  
Forced exhaust: No  
Protective gloves: Rubber gloves not necessary but recommended.  
Eye protection: Safety glasses not necessary but recommended  
Other protective clothing or equipment: None.  
Work/Hygienic practices: Wash hands and face before eating, drinking, or smoking after handling material.

## SECTION 9: PHYSICAL/CHEMICAL CHARACTERISTICS

Appearance: Brown/ black liquid  
Odor: Pungent distinctive earthy odor  
pH: 6.5 to 8.0  
Solubility in Water: 99% Soluble. Disperses in water.  
Boiling Point: 100° C  
Vapor Pressure (mm Hg): Equivalent to water  
Vapor Density: Equivalent to water  
Specific Gravity: 1.04 approximately  
Evaporation Rate: N/D

## SECTION 10: STABILITY AND REACTIVITY

Stability: Stable under normal conditions  
Incompatibility (materials to avoid): Strong acids or alkali compounds.  
Hazardous Decomposition or byproducts: None  
Hazardous Polymerization: Will not occur

## SECTION 11: TOXICOLOGY INFORMATION

None

## SECTION 12: ECOLOGICAL INFORMATION

None

### **SECTION 13: DISPOSAL INFORMATION**

Waste and Disposal Method: Dispose of this product or its residues must be in accordance with all local, state, and federal requirements.

### **SECTION 14: TRANSPORT INFORMATION**

D.O.T. Label: None  
UN number: None

### **SECTION 15: REGULATORY INFORMATION**

None

### **SECTION 16: ADDITIONAL INFORMATION**

HMIS Rating: HEALTH = 1  
FIRE = 0  
REACTIVITY = 0

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