



Ecological Laboratories INC.

Providing Aquatic Solutions Since 1976

MATERIAL SAFETY DATA SHEET

PRODUCT: Vitamins and Amino Acids

SECTION 1: 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: 10/04/2011

SECTION 2: COMPOSITIONS/ INGREDIENTS

<u>Material</u>	<u>Percentage</u>
Bacterial culture and Fungal strains	3.65%
Vitamins & Amino Acids	3.0%
De-ionized water	96.35%

<u>Mycorrhizae Content</u>	<u>Specifications</u>
Glomus aggregatum	0.9296 propagules/mL
Glomus etunicatum	0.9296 propagules/mL
Glomus intraradices	0.9296 propagules/mL
Glomus mosseae	0.9296 propagules/mL

SECTION 3: HAZARD IDENTIFICATION

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: 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.

Skin: Seek medical attention if irritation persists.
Remove contaminated clothing and footwear.
Wash with soap and water.

SECTION 4: FIRST AID MEASURES

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 5: FIRE FIGHTING MEASURES

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.

SECTION 6: ACCIDENTAL RELEASE MEASURES

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.

SECTION 7: HANDLING AND STORAGE

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.

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
Eye protection: Safety glasses not necessary
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

Boiling 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 Fire-0 Reactivity-0
Appearance & Odor:	Orange
pH:	Range 7.0 to 10.0

SECTION 10: STABILITY AND REACTIVITY

Stability:	Stable under normal conditions.
Conditions to Avoid:	Strong acids or alkali may oxidize or digest organic matter.
Incompatibility:	Strong acids or alkali compounds.
Hazardous Decomposition or Byproducts:	N/A
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 in accordance with federal, state, and local regulations.

SECTION 14: TRANSPORT INFORMATION

None

SECTION 15: REGULATORY INFORMATION

None

SECTION 16: ADDITIONAL INFORMATION

None

The data and recommendations presented herein are based upon research of others and are believed to be accurate. However, no warranty is expressed or implied regarding these data or the results to be obtained from use thereof. Ecological Laboratories, Inc. assumes no responsibility for the injury to customers or third persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Additionally, since actual use by others is beyond our control, no guarantee, expressed or implied, is made by Ecological Laboratories, Inc. as to the effect of such use, the results to be obtained or the safety and toxicity of the product, nor does Ecological Laboratories, Inc. assume any liability arising out of use, misuse, by others, of the product referred to herein. Information provided herein is provided by Ecological Laboratories, Inc. solely for customer's assistance in complying with the Occupational Safety and Health Act of 1970 and regulations thereunder. Any other use is prohibited.