



# ***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. 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: 10/04/2011

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

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%.

### **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.

Seek medical attention if irritation persists.

Skin: 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

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