

# SAFETY DATA SHEET

## Nutrimens® Liquid



Revision date: 2020-06-11  
Version 1.1

### 1. PRODUCT AND COMPANY IDENTIFICATION

#### **Product Identifier**

Product Name: Nutrimens® Liquid

Synonyms: Bio-fermentation product

Product Form: Mixture

#### **Recommended use of the chemical and restrictions on use**

Recommended Use: An all-natural bio-fermentation product designed to be used as a water treatment amendment.

Restrictions on Use: Use as recommended by the label

#### **Details of the supplier and of the safety data sheet**

Manufacturer Diamond V  
P.O. Box 74570  
Cedar Rapids, Iowa 52404  
EMERGENCY phone number: (800) 373-7234

Supplier Tersus Environmental, LLC  
1116 Colonial Club Rd  
Wake Forest, NC 27587  
Phone: +1-919-453-5577  
Email: [info@tersusenv.com](mailto:info@tersusenv.com)

Contact Person David F. Alden  
Phone: +1-919-453-5577 x2002  
Email: [david.alden@tersusenv.com](mailto:david.alden@tersusenv.com)

#### **Emergency telephone number**

For leak, fire, spill or accident emergencies, call:

+1-919-453-5577 (Tersus Office Hours, 8:00 AM to 5:00 PM Eastern)  
+1-800-424-9300 (Chemtrec 24 Hour Service – Emergency Only)  
+1-703-527-3887 (Chemtrec Outside United States 24 Hour Service – Emergency Only)  
+1-919-638-7892 Gary M. Birk (Outside office hours)

### 2. HAZARD IDENTIFICATION

#### **Relevant identified uses of the substance or mixture**

This product is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

#### **Other hazards**

None known.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

**Chemical Formula**                      Mixture

#### Hazardous components

Chemical Name	Concentration (%)	CAS Number
None	None	None

Synonyms are provided in Section 1.

Occupational exposure limits, if available, are listed in Section 8.

### 4. FIRST AID MEASURES

General Information	<p>Check the vital functions. If unconscious place in recovery position and seek medical advice. In case of respiratory arrest, administer artificial respiration. Cardiac arrest: perform resuscitation. Victim conscious with labored breathing: half-seated. Victim in shock: on his back with legs slightly raised. Vomiting: prevent asphyxia/aspiration pneumonia. Prevent cooling by covering the victim (no warming up). Keep watching the victim. Give psychological aid. Keep the victim calm, avoid physical strain. Take victim to a doctor if irritation persists.</p> <p>Remove affected person from source of contamination.</p>
Eye Contact	<p>Product is a severe eye irritant. Direct contact with eyes must be avoided. In case of contact with eyes, flush eyes with low pressure water for at least 15 minutes. If irritation persists, seek medical attention.</p>
Skin Contact	<p>In case of contact with skin, wash with soap and water. Generally, the product does not irritate the skin. If irritation persists, consult a physician.</p>
Inhalation	<p>If inhaled: remove person to fresh air. Seek medical attention if you feel unwell.</p>
Ingestion	<p>Rinse out mouth with water. Health injuries are not known or expected under normal use.</p>
Most important symptoms and effects, both acute and delayed	<p>Information not available</p>
Indication of any immediate medical attention and special treatment needed	<p>If exposed or concerned, get medical advice and attention.</p>

### 5. FIRE-FIGHTING MEASURES

<b>Suitable Extinguishing Media</b>	Liquid product. Product will not burn.
<b>Specific Hazards Arising from the chemical or mixture</b>	Avoid strong oxidizing agents.
<b>Special Fire Fighting Procedures</b>	Liquid product. Product will not burn.

## 6. ACCIDENTAL RELEASE MEASURES

<b>Personal Precautions</b>	Provide enough ventilation. Advice for emergency responders: protective equipment see Section 8. Wear protective clothing as described in Section 8 of this safety data sheet. Do not smoke or use open fire or other sources of ignition. Contact with walking surface may result in formation of slippery film/falling hazard.
<b>First Aid:</b>	In case of contact with skin, wash with soap and water. If symptoms occur, seek medical attention. In case of contact with eyes, rinse with plenty of water for at least 15 minutes and see an eye specialist if irritation persists. In case of inhalation, remove to fresh air. In case of ingestion, drink water. If symptoms occur, seek medical assistance.
<b>Environmental Precautions</b>	Do not discharge into drains, sewers or watercourses or onto the ground. Inform the relevant authorities if this occurs. Spilled product should be removed immediately to avoid formation of dust. Contain spill, sweep up avoiding airborne dust. Provide enough ventilation. Recover product for reuse if possible. Avoid contamination of waterways and (if large quantity) vegetation.
<b>Methods for Containment and Clean Up</b>	Spilled product should be removed immediately. Provide enough ventilation. Recover product for reuse if possible. Avoid contamination of waterways and (if large quantity) vegetation. Absorb in non-combustible material, vermiculite, dry sand or earth and place into containers.

## 7. HANDLING AND STORAGE

<b>Precautions for safe handling</b>	Store this product in a cool, dry, well ventilated environment. Keep container tightly closed. Use local exhaust and ventilation during handling.
<b>Hygiene measures</b>	Handle in accordance with good industrial hygiene and safety procedures. Use good personal hygiene practices.
<b>Conditions for safe storage, including any incompatibilities</b>	Keep containers closed. Recommended storage temperature 50°-120°F

## 8. EXPOSRE CONTROL / PERSONAL PROTECTION

### Control parameters

Exposure guidelines, ingredients with workplace control parameters.

Name	CAS-No	TLV (ACGIH)	PEL (OSHA)
	None	Information not available	Information not available

### Exposure Control

#### Protective equipment



#### Appropriate engineering controls

Where possible, provide general mechanical and/or local exhaust ventilation.

<b>Eye/face protection</b>	The following protection should be worn: Safety glasses with shields, chemical splash goggles or face shield.
<b>Respiratory protection</b>	Not needed
<b>Hand protection</b>	Neoprene. Vinyl, Rubber (natural, latex), Butyl rubber. Wear protective gloves made of the following material: Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. Polyvinyl chloride (PVC). Manufactured/tested in accordance with EN 374, Avoid the following conditions: Polyvinyl alcohol (PVA).
<b>Other skin and body protection</b>	Wear appropriate clothing to prevent any possibility of skin contact.
<b>Hygiene measures</b>	Wash promptly if skin becomes contaminated. Wash hands at the end of each work shift and before eating, smoking and using the toilet. When using do not eat, drink or smoke.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

Appearance	Tan to brown liquid
Odor	Fermented, yeasty aroma
Odor threshold	Information Not Available
pH	Approximately 3.5
Melting point /Freezing Point	Unknown
Initial Boiling point and boiling point range	Unknown
Flash Point	Unknown
Evaporation rate	Unknown
Flammability (solid; gas)	Unknown
Upper/lower flammability or explosive limits	Unknown
Vapor pressure	Unknown
Vapor density	Unknown
Relative density	9.0 - 9.5 lb./gal (1.08 – 1.14 kg/l)
Solubility (ies)	Soluble
Partition coefficient: n-octanol/water	Does Not Apply
Initial Boiling point and boiling point range	Does Not Apply
Auto-ignition temperature	Unknown
Decomposition temperature	Unknown
Viscosity	Unknown

## 10. STABILITY AND REACTIVITY

<b>Reactivity</b>	Stable under normal conditions and use.
<b>Chemical stability</b>	Information not available
<b>Possibility of hazardous reactions</b>	Information not available
<b>Conditions to avoid</b>	Avoid high temperature, strong oxidizing agents.
<b>Incompatible materials</b>	Avoid high temperature, strong oxidizing agents.

**Hazardous decomposition products** Hazardous decomposition will not occur.

**Hazardous Polymerization** Hazardous polymerization will not occur.

## 11. TOXICOLOGICAL INFORMATION

### Acute Toxicity

Acute toxicity	Information Not Available
Skin Corrosion/Irritation	Information Not Available
Serious Eye Damage/Irritation	Information Not Available
Respiratory or Skin Sensitization	Information Not Available
Ingestion	Information Not Available
Germ Cell Mutagenicity	Information Not Available
Carcinogenicity	Information Not Available
Reproductive Toxicity	Information Not Available
Specific Target Organ Toxicity – Single Exposure	Information Not Available
Specific Organ Toxicity – Repeated Exposure	Information Not Available
Aspiration Hazard	Information Not Available
General Remarks	Information Not Available

## 12. ECOLOGICAL INFORMATION

### Chemical Fate Information

Information Not Available

### Biodegradability

Readily degradable.

Excess product in waterways may encourage eutrophication.

## 13. DISPOSAL CONSIDERATIONS

### **Waste Disposal Methods**

Dispose according to federal, state and local laws. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Authority. Waste is suitable for incineration.

## 14. TRANSPORTATION INFORMATION

### **U.S. (D.O.T.)**

Proper Shipping Name:	Chemicals not otherwise indexed (NOI) nonhazardous.
Hazard Class:	Not applicable
UN/NA:	Not applicable
Labels:	Not applicable

### **Canada (T.D.G.)**

Proper Shipping Name:	Chemicals not otherwise indexed (NOI) nonhazardous.
Hazard Class:	Not applicable
UN/NA:	Not applicable

Labels Not applicable

**IMDG**

Proper Shipping Name: Chemicals not otherwise indexed (NOI) nonhazardous.  
Hazard Class: Not applicable  
UN/NA: Not applicable  
Labels: Not applicable

**IATA**

Proper Shipping Name: Chemicals not otherwise indexed (NOI) nonhazardous.  
Hazard Class: Not applicable  
UN/NA: Not applicable  
Labels: Not applicable

**15. REGULATORY INFORMATION**

**TSCA** No

**SARA TITLE III**

Section 302 (EHS) Ingredients: No  
Section 313 Ingredients: No  
Section 304 (EHS/CERCLA) Ingredients: No

**SARA TITLE III Notification Information**

Acute Health Hazard: No  
Chronic Health Hazard: No  
Fire Hazard: No  
Sudden Release of Pressure Hazard: No

**16. OTHER INFORMATION**

Components not precisely identified are proprietary or non-hazardous.

**Disclaimer:** This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. All recommendations for the use of our products, weather given by us, orally or to be implied from data or lab tests results by us, are based on the current state of our knowledge at the time those recommendations are made. When additional information is obtained, these recommendations may be updated. They may also be influenced by circumstances outside our control. Notwithstanding, such recommendation the user is responsible that the product as supplied by us is suitable to the process or purpose he intends to use it. The user of the product is solely responsible for compliance with all laws and regulations applying to the use of this product. Since we cannot control the application, use or processing of the product, we do not accept responsibility. Therefore, the user should assure that the intended use of the product will not infringe in any party's intellectual property right.



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**End of Safety Data Sheet**