

**SECTION 1-Company and Chemical Identification****Manufacturer's Name**

Bio Quest Environmental Products

**Address**3 Ledgewood Drive  
Old Lyme, CT 06371**Emergency Telephone Number**

1-800-356-1776

**Information**

860-434-2081

**Date Prepared**

7/01/03

**SECTION 2 – HAZARDOUS INGREDIENTS/IDENTITY****Hazardous Component(s)**Viable Bacterial Cultures  
(mostly water)**OSHA PEL**

N/A

**ACGHI-TLV**

N/A

**% (optional)**

&gt;95%

**CAS No.**N/A  
7732-18-5**Other Ingredients**

Proprietary and nonhazardous

**NPCA-HMIS Rating:**

Health – 1

Flammability – 0

Reactivity –0

PPE – X

**SECTION 3 – HEALTH HAZARD DATA****Health Hazards****Skin:** Slight redness may occur to individuals with dermal allergic reaction, **Inhalation:** None, **Eyes:** May cause eye irritation, **Ingestion:** No effect if ingested in a single dose or small amounts. Ingestion may cause some irritation to the mouth, pharynx, upper and lower GI tract.**Medical conditions generally aggravated by overexposure**

May cause infection if in contact with open wounds. May be treated with common antibiotics.

**Chemical listed as carcinogen  
or potential carcinogen**National Toxicology Program:  
**NO**I.A.R.C.:  
**NO**OSHA:  
**NO****SECTION 4 – First Aid Measures: Routes of Entry and Emergency/First Aid Procedures****1.) Inhalation:** N/A**2.) Skin:** Remove contaminated clothing and wash. Wash skin with soap and water.**3.) Eyes:** Flush with water, have eyes examined and treated by medical professional.**4.) Ingestion:** Drink milk or water to dilute, call poison control center, induce vomiting only if advised by medical professional.**SECTION 5– Fire Fighting Measures & Data****Flash Point**

&gt; 200 deg. F

**Extinguishing Media**

Water, carbon dioxide, dry chemical.

**Unusual Fire & Explosion Hazards**

Move container from fire area. Sodium Nitrate, an oxidizer, decomposes especially when heated and will increase combustion rate.

**Flammable Limits:**

N/A

**LEL Lower****UEL Upper****Auto Ignition Temperature**

N/A

**Special Fire Fighting Procedures**

None

NOT REGULATED BY DOT

**SECTION 6 – Accidental Release Measures**

**Steps to be taken in case material is spilled or released**

Wet vac or mop up and dispose of accordingly.

**Waste Disposal**

Sewer or approved landfill in accordance with federal, state and local regulations.

**SECTION 7 – Special Precaution, Handling, and Storage**

**Precautions to be Taken in Handling and Storage**

Avoid direct sunlight. Keep out of reach of children. Store below 100°F and above 32°F.

**Other Precautions**

Observe responsible work hygienic practices.

**SECTION 8 – SAFE HANDLING AND USE INFORMATION**

**Respiratory Protection**

None required.

**Eye Protection**

Goggles.

**Ventilation**

Normal ventilation.

**Other Protective Clothing or Equipment**

None.

**Protective Gloves:**

Rubber and Neoprene.

**Work Hygienic Practices:**

Wash hands after handling material.

**SECTION 9 – PHYSICAL DATA**

**Boiling Point**

100 ° C

**Specific Gravity**

approx. 1.0

**Solubility in water**

99%

**Storage Conditions**

Avoid exposure to high or low temperatures. Keep from freezing.

**Vapor Pressure**

(mmHg at 20 ° C)  
=H<sub>2</sub>O

**Melting Point**

N/A

**Appearance & Odor**

Green liquid, lemon, pine

**Vapor Density**

(air=1) =H<sub>2</sub>O

**Evaporation Rate**

N/A

**pH**

6.0-8.0

**VOC Content**

None

**SECTION 10 – Reactivity Data**

**Reactivity & Hazardous Decomposition**

Stable under normal conditions. No hazardous decomposition. No hazardous polymerization will occur. Avoid exposure to strong acids or alkali compounds as they may inactivate biological cultures.

**Decomposition by products**

None

**No warranty is expressed or implied regarding this data or the results of using this product. The data and recommendations presented herein are believed to be accurate. Bio Quest Environmental Products assumes no responsibility for injury to customers or other persons caused by the product if the safety procedures are not adhered to as presented in this material safety data sheet.**