

**MATERIAL SAFETY DATA SHEET**

MSDS NO. ESM06

May be used to comply with OSHA's Hazard Communication Standard,  
29CFR 1910. 1200. Standard must be consulted for specific requirements.

**Important: Do not leave any blank spaces. If required information is unavailable, unknown, or doesn't apply, so indicate.**

\*N/A=No information available

\*N/AP=Not Applicable

**Section 1 - Company and Chemical Identification**

Bio Quest Environmental Products

EMERGENCY PHONE: 800-356-1776

3 LEDGEWOOD DR.

PHONE: 860-434-2081

OLD LYME, CT 06371

DATE: MAY 5, 2005

PRODUCT USE: CARPET CLEANING FORMULATION FOLLOWING GS-37 STANDARD FOR GREEN CLEANERS.

**Section 2 - Hazardous Ingredients/Identity**

Hazardous Component(s) (chemical & common name)	OSHA PEL	ACGIH TLV	Other Exposure Limits	% (optional)	CAS No.
Water (Non-hazardous)					7732-18-5
Surfactant Blend (Non-hazardous)					68439-46-3
Sodium Gluconate					527-07-1
<b>NPCA-HMIS Rating:</b>	Health - 1	Flammability - 0	Reactivity - 0		PPE - X

**Section 3 - Health Hazard Identification**

Acute:

Chronic:

May cause irritation

None known

Signs and Symptoms of Exposure:

Irritation of respiratory tract and/or skin

Medical Conditions Generally Aggravated by Exposure:

Not determined

Chemical Listed as Carcinogen or Potential Carcinogen	National Toxicology Program	Yes No X	I.A.R.C Yes No X	OSHA Yes No X
--	--------------------------------	-------------	---------------------	------------------

**Section 4 - First Aid Measures****Routes of Entry and Emergency/First Aid Procedures****1. Inhalation:**

Remove to fresh air. Give artificial respiration if necessary. Seek medical attention

**2. Eyes:**

Flush constantly with water for 15 minutes and seek prompt medical attention.

**3. Skin:**

Flush thoroughly with water. Remove contaminated clothes and launder before reusing.

**4. Ingestion:**

Dilute with water and seek immediate medical attention. Do not induce vomiting.

**Section 5 - Fire Fighting Measures & Data**

Flash Point	Method Used	Flammable Limits in Air % by Volume	LEL Lower	UEL Upper
200 degrees F	N/AP			N/AP

Auto-Ignition Temperature:

Extinguisher Media:

N/AP

N/AP water solution

Special Fire Fighting Procedures:

None

Unusual Fire and Explosion Hazards:

None

---

**DOT Hazard Classification:**

Not regulated

---

**Section 6 - Accidental Release Measures**

Steps to be Taken in Case Material is Released or Spilled:

Absorb with any dry absorbent, vacuum or mop up.

Waste Disposal Methods (Consult federal, state, and local regulations):

Sewer or approved landfill.

---

**Section 7 - Special Precautions, Handling, and Storage**

Precautions to be Taken in Handling and Storage:

Avoid skin and eye contact. Remove any contaminated clothing immediately. Keep container tightly closed.

Other Precautions:

Wear splash goggles, rubber gloves, and rubber foot gear if standing in solution.

---

**Section 8 - Special Protection Information/Control Measures**

Respiratory Protection (Specify Type):

None required for normal usage.

Ventilation: Local Exhaust: Mechanical (General) : Special: Other:

Normal

Protective Gloves:

Rubber

Eye Protection:

Splash goggles

Other Protective Clothing or Equipment:

None

Work/Hygienic Practices:

Wash hands after using and before touching eyes or mouth.

---

**Section 9 - Physical & Chemical Characteristics**

Boiling Point: Specific Gravity (H2O): Vapor Pressure (mm Hg); Vapor Density (Air = 1):

212°F 1.01 N/AP N/AP

Solubility in Water : Reactivity in Water:

Complete None

Appearance and Odor: Melting Point: pH:

Opague rose liquid-morning mist fragrance. N/AP 7.0

---

**Section 10 - Stability and Reactivity**

Stability: Unstable Stable Conditions to Avoid:

X None known

Incompatibility (Materials to Avoid):

None known

Hazardous Decomposition Products:

None known

Hazardous Polymerization: May Occur Will Not Occur Conditions to Avoid:

N/AP X None known