

**MATERIAL SAFETY DATA SHEET**

MSDS NO. ESM10

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  
3 LEDGEWOOD DR.  
OLD LYME, CT 06371

EMERGENCY PHONE: 800-356-1776  
PHONE: 860-434-2081  
DATE: MAY 5, 2005

PRODUCT USE: ODOR COUNTERACTANT

**Section 2 - Hazardous Ingredients/Identity**

Component(s) (chemical & common name)	CAS NO.	OSHA PEL	ACGIH TLV	Other Exposure Limits	% (optional)
Isopropyl Alcohol	67-63-1	400ppm			
Alkyl Ether Sulfate, Sodium Salt	68891-38-3	N/A			
Essential Oils (Non hazardous)	Unknown	N/A			

**NPCA-HMIS Rating:** Health - 2      Flammability - 0      Reactivity - 0      PPE - X

**Section 3 - Health Hazard Identification**

Acute: N/A      Chronic: N/A

Signs and Symptoms of Exposure:  
Headache, nasal irritation, drunkenness, drowsiness.

Medical Conditions Generally Aggravated by Exposure:  
N/A

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

**Section 4 - First Aid Measures**

**Routes of Entry and Emergency/First Aid Procedures**

1. Inhalation:  
Remove to fresh air.

2. Eyes:  
Membrane irritant - flush eyes with water for 15 minutes, seek medical attention if irritation persists.

3. Skin:  
None

4. Ingestion:  
Can cause alcohol poisoning. Drink two 8 ounce glasses of water. Induce vomiting. Seek medical attention.

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

Flash Point	Method Used	Flammable Limits in Air % by Volume	LEL Lower	UEL Upper
>200°F	T.C.C.		N/AP	N/AP
Auto-Ignition Temperature: N/A	Extinguisher Media: Not flammable - water solution			

**Special Fire Fighting Procedures:**

None

**Unusual Fire and Explosion Hazards:**

Alcohol vapors can be flammable if boiled off solution.

**DOT Hazard Classification:**

Not regulated

**Section 6 - Accidental Release Measures**

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

Mop or vacuum up; flush to sewer.

**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:**

Keep away from heat, keep container tightly closed when not in use. Do not take internally.

**Other Precautions:**

Keep away from children.

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

**Respiratory Protection (Specify Type):**

None normally required

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

Protective Gloves:	Eye Protection:
Rubber	Splash goggles

**Other Protective Clothing or Equipment:**

None required

**Work/Hygienic Practices:**

Wash hands after contact or before touching eyes, mouth, or food.

**Section 9 - Physical & Chemical Characteristics**

Boiling Point:	Specific Gravity (H <sub>2</sub> O):	Vapor Pressure (mm Hg):	Vapor Density (Air = 1):
190°F	0.99 ± 0.01	Not established	N/A
Solubility in Water :		Reactivity in Water:	pH: (as is)
Complete		None	7.2±0.3
Appearance and Odor:		Melting Point:	
Clear Gold liquid with perfume odor.		N/AP	

**Section 10 - Stability and Reactivity**

Stability:	Unstable	Stable	Conditions to Avoid:
		✓	N/A

**Incompatibility (Materials to Avoid):**

None known

**Hazardous Decomposition Products:**

None known

Hazardous Polymerization:	May Occur	Will Not Occur	Conditions to Avoid:
		✓	N/A