

**MATERIAL SAFETY DATA SHEET**

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: DISINFECTANT/VIRUCIDE/BACTERICIDE

**Section 2 - Hazardous Ingredients/Identity**

Component(s) (chemical & common name)	CAS NO.	OSHA PEL	ACGIH TLV	Other Exposure Limits	% (optional)
N-Alkyl Dimethyl Benzyl Ammonium Chlorides	68391-01-5		Not established		5.0
N-Alkyl Dimethyl EthylBenzyl Ammonium Chlorides	N/A		Not established		5.0

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

**Section 3 - Health Hazard Identification**

**Acute:** Irritating to eyes  
**Chronic:** None established

**Signs and Symptoms of Exposure:**  
Dryness or redness of skin

**Medical Conditions Generally Aggravated by Exposure:**  
Dermatitis or skin disorders from contact

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

**Section 4 - First Aid Measures**

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

- 1. Inhalation:**  
Unlikely - Remove to fresh air.
- 2. Eyes:**  
May be corrosive - flush eyes with water for 15 minutes, seek medical attention if irritation persists.
- 3. Skin:**  
May be corrosive-flush with plenty of water for 15 minutes
- 4. Ingestion:**  
Drink large amounts of milk, gelatin, egg whites. Seek medical attention.

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

Flash Point	Method Used	Flammable Limits in Air % by Volume	LEL Lower	UEL Upper
None	T.C.C.	N/AP		N/AP
<b>Auto-Ignition Temperature:</b> N/A	<b>Extinguisher Media:</b> Not flammable - 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:

Spills over 5 gallons must be collected & disposed of according to regulation. Smaller amounts may be flushed.

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

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

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

Precautions to be Taken in Handling and Storage:

Keep out of reach of children. Wear eye and skin protection when pouring, pumping or transferring liquid.

Other Precautions:

Avoid contamination of groundwater, ponds, and streams. Keep away from children.

## Section 8 - Special Protection Information/Control Measures

Respiratory Protection (Specify Type):

None normally required

Ventilation:

Normal

Local Exhaust:

Adequate

Mechanical (General):

Special:

Other:

Protective Gloves:

Rubber

Eye Protection:

Splash goggles/Face Shield

Other Protective Clothing or Equipment:

None required

Work/Hygienic Practices:

Avoid contact with eyes or skin. Wash hands before smoking, eating, touching eyes, mouth, or food.

## Section 9 - Physical & Chemical Characteristics

Boiling Point:

210°F

Specific Gravity (H<sub>2</sub>O):

1.05

Vapor Pressure (mm Hg):

Not established

Vapor Density (Air = 1):

N/A

Solubility in Water :

Complete

Reactivity in Water:

None

pH: (as is)

6.5-8.5

Appearance and Odor:

Clear, Odorless liquid

Melting Point:

N/AP

## Section 10 - Stability and Reactivity

Stability:

Unstable

Stable

✓

Conditions to Avoid:

N/A

Incompatibility (Materials to Avoid):

None known

Hazardous Decomposition Products:

Oxides of Carbon

Hazardous Polymerization:

May Occur

Will Not Occur

✓

Conditions to Avoid:

N/A