

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 ✓

Section 4 - First Aid Measures

Routes of Entry and Emergency/First Aid Procedures

- Inhalation:**
Unlikely - Remove to fresh air.
- Eyes:**
May be corrosive - flush eyes with water for 15 minutes, seek medical attention if irritation persists.
- Skin:**
May be corrosive-flush with plenty of water for 15 minutes
- 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
Auto-Ignition Temperature: N/A	Extinguisher Media: 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 (H2O): 1.05	Vapor Pressure (mm Hg): Not established	Vapor Density (Air = 1): N/A
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Solubility in Water : Complete	Reactivity in Water: None	pH: (as is) 6.5-8.5
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Appearance and Odor: Clear, Odorless liquid	Melting Point: N/AP
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Section 10 - Stability and Reactivity

Stability:	Unstable	Stable ✓	Conditions to Avoid: N/A
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Incompatibility (Materials to Avoid):

None known

Hazardous Decomposition Products:

Oxides of Carbon

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