

# SANI-QUAT

## SECTION I

**HARVARD CHEMICAL RESEARCH**  
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Date: 10/17/05

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HEALTH	1	0=Least
FLAMMABILITY	1	1=Slight
REACTIVITY	0	2=Moderate
		3=High
		4=Extreme

## SECTION II HAZARDOUS INGREDIENTS/INFORMATION

HAZARDOUS COMPONENTS	CAS#	OSHA / PEL	ACGIH / TLV	OTHER / STEL
DIMETHYL AMMONIUM CHLORIDE	68424-95-3	<<<Not Established>>>		
DIMETHYL BENZYLAMMONIUM CHLORIDE	68424-85-1	<<<Not Established>>>		

## SECTION III -PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point:> 212 <sup>o</sup> F	Appearance and odor: Clear liquid with no odor.
Vapor Pressure (mm Hg): ND	Specific Gravity (H2O=1): 1.00
Vapor Density (Air=1): <1	pH Range: 6.0 – 6.5
Solubility in Water: COMPLETE	Evaporation Rate:(Butyl Acetate=1) >1

## SECTION IV-FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used): NONE	Flammable Limits: LEL: N/A	UEL: N/A
Extinguishing Media: Carbon dioxide, dry chemical, or alcohol foam.		
Special Fire Fighting Procedures: NONE		
Explosion Hazards: NONE		

## SECTION V-REACTIVITY DATA

Stability: Stable  
Incompatibility (Materials to Avoid): Oxidizers or strong acids.  
Hazardous Decomposition or Byproducts: carbon dioxide.  
Hazardous Polymerization: Will not occur.

## SECTION VI-HEALTH HAZARD DATA

Health Hazards (Acute and Chronic): NONE KNOWN  
Routes of Entry, Signs of Exposure, and Symptoms of Exposure:  
SKIN and EYES: Severe irritant to eyes.  
INHALATION: Irritation and difficulty in breathing  
INGESTION: Gastric pain and vomiting.  
Medical Conditions Generally Aggravated by Exposure: Unknown  
Carcinogenic: NONE  
Emergency and First Aid Procedures:  
SKIN & EYE CONTACT: Rinse skin with clear water.  
For eye contact immediately flush with clear running water for 15 minutes. Get medical attention.  
INHALATION: Remove to fresh air. If breathing does not return to normal, get medical attention.  
INGESTION: Immediately drink large quantities of water. Get medical attention.

## SECTION VII-PRECAUTIONS FOR SAFE HANDLING AND USE

SPILLS: Dispose in accordance with federal and state regulations.  
Handling and Storing: Keep container closed when not in use. Do not freeze. Follow label instructions.  
Other Precautions: Keep this and all chemicals out of the reach of children.

## SECTION VIII-CONTROL MEASURES

Respiratory Protection (Specify Type): Not recommended.  
Ventilation: Mechanical: Recommended only at 100% Concentration in contact with mist; not necessary at recommended dilution ratios  
Protective Gloves: Safety glasses.  
Other Protective Clothing or Equipment: eye wash station.

## SECTION IX-ADDITIONAL INFORMATION