

SANI 256

SECTION I

HARVARD CHEMICAL RESEARCH
P.O. BOX 16458
ATLANTA, GA 30321

Date: 01/02/11

Phone:

INQUIRY- (404) 761-0657

EMERGENCY- (800) 424-9300

| | | |
|--------------|---|------------|
| 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 ^o F | Appearance and odor: Clear blue liquid with no odor. |
| Vapor Pressure (mm Hg): ND | Specific Gravity (H2O=1): 1.00 |
| Vapor Density (Air=1): <1 | pH Range: 10.0-11.0 |
| 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