

# MATERIAL SAFETY DATA SHEET

For R&D use only. Not for drug, household or other uses.

Click <http://www.lookchem.com/cas-384/3844-45-9.html> for suppliers of this product.

## Composition/Information on Ingredient

**Cas:**  
3844-45-9  
**Code:**  
M

**RTECS:**  
BQ4725000  
**Code:**  
M  
**Name:**  
AMMONIUM, ETHYL(4-(P-(ETHYL(M-SULFOBENZYL)AMINO)

**Other REC Limits:**

N/K

**OSHA PEL:**  
N/K (FP N)  
**Code:**  
M

**OSHA STEL:**

**Code:**

**ACGIH TLV:**

N/K (FP N)  
**Code:**  
M

**ACGIH STEL:**

N/P  
**Code:**

## Control Measures

### Respiratory Protection:

NONE KNOWN. NIOSH/MSHA APPROVED RESPIRATOR APPROPRIATE FOR EXPOSURE OF CONCERN (FP N).

### Ventilation:

PROVIDE SUFFICIENT MECHANICAL (GENERAL OR LOCAL EXHAUST) VENTILATION.

### Protective Gloves:

PLASTIC OR RUBBER GLOVES.

### Eye Protection:

ANSI APPRVD CHEM WORKERS GOGGLES (FP N).

### Other Protective Equipment:

Equipment COVERALLS OR LAB COAT. ANSI APPRVD EMERGENCY EYE WASH DELUGE SHOWER (FP N).

### Work Hygienic Practices:

NONE SPECIFIED BY MANUFACTURER.

### Supplemental Safety and Health:

NONE SPECIFIED BY MANUFACTURER.

## Health Hazards Data

### LD50/LC50 Mixture:

NONE SPECIFIED BY MANUFACTURER.

### Route Of Entry Inds - Inhalation:

NO

### Skin:

YES

### Ingestion:

NO

### Carcinogenicity Inds - NTP:

NO

### IARC:

NO

### OSHA:

NO

### Health Hazards Acute And Chronic:

ACUTE:EYES:CAN CAUSE SEVERE IRRITATION. SKIN:PROLONGED EXPOSURE CAN CAUSE MODERATE IRRITATION.

### Explanation Of Carcinogenicity:

4 NOT RELEVANT.

### Signs And Symptoms Of Overexposure:

SEE HEALTH HAZARDS.

### Medical Cond Aggravated By Exposure:

NONE SPECIFIED BY MANUFACTURER.

### First Aid:

SKIN:WASH EXPOSED AREA W/SOAP & WATER. LAUNDER CONTAMD CLTHG BEFORE RE-USE. EYES:FLUSH W/LG AMTS OF WATER, LIFTING UPPER & LOWER LIDS FOR @ LEAST 15 MINS. GET MED ATTN. INGEST:INDUCE VOMIT & GET MED A TTN. INHAL:IF AFFECTED, REMOVE INDIVIDUAL TO FRESH AIR.

### Spill Release Procedures:

FLUSH SM SPILLS W/LARGE QUANTITIES OF WATER. LARGE SPILLS SHOULD BE COLLECTED WITH AN ABSORBENT.

### Neutralizing Agent:

NONE SPECIFIED BY MANUFACTURER.

### Waste Disposal Methods:

DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

### Handling And Storage Precautions:

IN ACCORDANCE WITH GOOD INDUSTRIAL PRACTICES HANDLE WITH CARE AND AVOID PERSONAL CONTACT.

### Other Precautions:

NONE SPECIFIED BY MANUFACTURER.

## Fire and Explosion Hazard Information

### Flash Point Method:

N/P

### Flash Point:

### Flash Point Text:

NONE

### Autoignition Temp:

N/A

### Autoignition Temp Text:

N/A 5

### Lower Limits:

N/A

### Upper Limits:

N/A

### Extinguishing Media:

NOT APPLICABLE. MEDIA SUITABLE FOR SURROUNDING FIRE (FP N).

### Fire Fighting Procedures:

NONE KNOWN. USE NIOSH/MSHA APPROVED SCBA & FULL PROTECTIVE EQUIPMENT (FP N).

### Unusual Fire/Explosion Hazard:

NONE KNOWN.

## Physical/Chemical Properties

### HCC:

### NRC/State LIC No:

### Net Prop WT For Ammo:

N/P

### Boiling Point:

N/P

### Melt/Freeze Pt:

N/K

### Decomp Temp:

N/K

### Decomp Text:

N/K

### Vapor Pres:

N/K

### Vapor Density:

N/K

### Volatile Org Content %:

N/K

### Spec Gravity:

1.043 (H<sub>2</sub>O=1)

### VOC Pounds/Gallon:

N/K

### pH:

N/K

### VOC Grams/Liter:

N/P

### Viscosity:

N/P

### Evaporation Rate & Reference:

NOT KNOWN

### Solubility in Water:

MISCIBLE

### Appearance and Odor:

GREEN LIQUID WITH MILD ODOR

### Percent Volatiles by Volume:

N/K

### Corrosion Rate:

N/K

### Decomp Temp:

N/K

### Decomp Text:

N/K

### Vapor Pres:

N/K

### Vapor Density:

N/K

### Volatile Org Content %:

N/K

### Spec Gravity:

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