

# MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-169/1694-09-3.html> for suppliers of this product.

## Composition/Information on Ingredient

**Cas:**  
1694-09-3  
**Code:**  
M

**RTECS:**  
BQ1140000  
**Code:**  
M

**Name:**  
AMMONIUM,(4-(P-(DIMETHYLAMINO)-ALPHA-(P-(ETHYL(M-

**Other REC Limits:**  
N/K

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

**OSHA STEL:**  
N/P  
**Code:**

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

**ACGIHSTEL:**  
N/P  
**Code:**

## Control Measures

**Respiratory Protection:**  
NIOSH APPROVED ORGANIC VAPOR RESPIRATOR, IF VAPORS OR MIST ARE GENERATED.

**Ventilation:**  
MECHANICAL (GENERAL) VENTILATION IS SATISFACTORY.

**Protective Gloves:**  
RUBBER GLOVES.

**Eye Protection:**  
ANSI APPROVED CHEM WORKERS GOGGS (FP N).

**Other Protective Equipment:**  
Equipment EYE WASH FOUNTAIN DELUGE SHOWER WHICH MEET ANSI DESIGN CRITERIA (FP N).

**Work Hygienic Practices:**  
NONE SPECIFIED BY MANUFACTURER.

**Supplemental Safety and Health:**  
VAPOR DENSITY: DUE TO H\*2O ONLY.

## Health Hazards Data

**LD50LC50Mixture:**  
LD50 (ORAL, RAT): >5 GM/KG

**Route Of Entry Inds - Inhalation:**  
NO

**Skin:**  
YES

**Ingestion:**  
YES

**Carcinogenicity Inds - NTP:**  
NO

**IARC:**  
YES

**OSHA:**  
NO

**Health Hazards Acute And Chronic:**  
ACUTE: SKIN: CAN CAUSE IRRITATION AND SKIN STAINING. EYES: CONTACT MAY CAUSE IRRITATION. INHALATION: INHALATION OF VAPORS MAY RESULT IN RESPIRATORY IRRITATION. INGESTION: MAY RESULT IN GASTRIC DISTURB ANCE. CHRONIC: NONE EXPECTED BASED ON EMPLOYEE HISTORY OF EXPOSURE.

**Explanation Of Carcinogenicity:**  
C. I. ACID VIOLET 49: IARC MONOGRAPHS, SUPP VOL 7, PG 56, 1987: GROUP 2B.

**Signs And Symptoms Of Overexposure:**  
SEE HEALTH HAZARDS.

**Medical Cond Aggravated By Exposure:**  
NONE SPECIFIED BY MANUFACTURER. 3

**First Aid:**  
EYE: FLUSH WITH WATER FOR AT LEAST 15 MINUTES MINIMUM. IF IRRITATION PERSISTS, GET PROMPT MEDICAL ATTENTION. SKIN: REMOVE CONTAMINATED CLOTHING AND WASH SKIN THOROUGHLY WITH SOAP AND WATER. INHAL: REM OVE PERSON TO FRESH AIR. AID BREATHING IF NECESSARY AND GET MEDICAL ATTENTION. INGESTION: IF SWALLOWED, DILUTE WITH WATER AND INDUCE VOMITING. GET MEDICAL ATTENTION.

**Spill Release Procedures:**  
WIPE UP SPILLS WITH TOWELS OR CLOTHS. REMOVE STAINS WITH SOAPY WATER.

**Neutralizing Agent:**  
NONE SPECIFIED BY MANUFACTURER.

**Waste Disposal Methods:**  
WASTE DISPOSAL SHOULD BE IN ACCORDANCE WITH EXISTING FEDERAL, STATE, AND LOCAL ENVIRONMENTAL CONTROL REGULATIONS.

**Handling And Storage Precautions:**  
NO SPECIAL REQUIREMENTS.

**Other Precautions:**  
NONE.

## Fire and Explosion Hazard Information

**Flash Point Method:**  
N/P

**Flash Point:**

**Flash Point Text:**  
NOT FLAMMABLE

**Autoignition Temp:**

**Autoignition Temp Text:**  
N/A

**Lower Limits:**  
N/A

**Upper Limits:**  
N/A

**Extinguishing Media:**  
USE MEDIA PROPER TO PRIMARY CAUSE OF FIRE.

**Fire Fighting Procedures:**  
USE NIOSH APPROVED SCBA & FULL PROTECTIVE EQUIPMENT (FP N). 4

**Unusual Fire/Explosion Hazard:**  
NONE SPECIFIED BY MANUFACTURER.

## Physical/Chemical Properties

**HCC:**

**NRC/State LIC No:**

**Net Prop WT For Ammo:**

**Boiling Point:**

**B.P. Text:**  
>212F,>100C

**Melt/Freeze Pt:**

**M.P/F.P Text:**  
N/K

**Decomp Temp:**

**Decomp Text:**  
N/K 5

**Vapor Pres:**  
DUE TO H\*20 ONLY

**Vapor Density:**  
SUPDAT

**Volatile Org Content %:**

**Spec Gravity:**  
1.038-1.055 (H\*20=1)

**VOC Pounds/Gallon:**

**PH:** 4.0-8.0

**VOC Grams/Liter:**

**Viscosity:**  
N/P

**Evaporation Rate & Reference:**  
DUE TO H\*20 ONLY

**Solubility in Water:**  
COMPLETE

**Appearance and Odor:**  
BLACK, RED, BLUE, GREEN, ORANGE, PURPLE; SLIGHT CHARACTERISTIC ODOR.

**Percent Volatiles by Volume:**  
N/K

**Corrosion Rate:**  
N/K

## Reactivity Data

**Stability Indicator:**  
YES

**Stability Condition To Avoid:**  
NONE SPECIFIED BY MANUFACTURER.

**Materials To Avoid:**  
REACTS WITH STRONG OXIDIZING AGENTS.

**Hazardous Decomposition Products:**  
ACROLEIN.

**Hazardous Polymerization Indicator:**  
NO

**Conditions To Avoid Polymerization:**  
NOT RELEVANT.

## Toxicological Information

**Information:**N/P

## MSDS Transport Information

**Information:**N/P

## Regulatory Information

**Sara Title III Information:** N/P

**Federal Regulatory Information:** N/P

**State Regulatory Information:** N/P

## Other Information

**Other Information:**N/P