

# MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-121/12125-01-8.html> for suppliers of this product.

## Composition/Information on Ingredient

### Cas:

12125-01-8

### Code:

M

### RTECS:

BQ6300000

### Code:

M

### Name:

AMMONIUM FLUORIDE (SARA III)

### Other REC Limits:

N/P

### OSHA PEL:

2.5 MG F/M3

### Code:

M

### OSHA STEL:

### Code:

2

### ACGIH TLV:

2.5 MG F/M3; 9192

### Code:

M

### ACGIH STEL:

N/P

### Code:

## Control Measures

### Respiratory Protection:

>20PPM, USE FULL FACE RESPIRATOR W AIR-SUPPLY OR SCBA W/FULL FACEPIEC

### Ventilation:

MECH(GEN)OR LOCAL EXHAUST THAT PROVIDES ADEQUATE VENTILATION

### Protective Gloves:

NEOPRENE

### Eye Protection:

SAFETY/CHEM GOGGLES

### Other Protective Equipment:

Equipment EYEWASH QUICK-DRENCH SHOWERS, NEURLZING EQUIP SUPPLIES.

### Work Hygienic Practices:

N/P

### Supplemental Safety and Health:

MSDS FM MFR DATED:AUGUST 1978.

## Health Hazards Data

### LD50LC50Mixture:

N/P

### Route Of Entry Inds - Inhalation:

N/P

### Skin:

N/P

### Ingestion:

N/P

### Carcinogenicity Inds - NTP:

N/P

### IARC:

N/P

### OSHA:

N/P

### Health Hazards Acute And Chronic:

N/P

### Explanation Of Carcinogenicity:

N/P

### Signs And Symptoms Of Overexposure:

SKIN:SEVERE BURNS;EYES:SEVERE BURNS,MAY CAUSE BLINDNESS;INH:VAP IRRITG RESP TRACT;ING:CORR TO MOUTH. 3

### Medical Cond Aggravated By Exposure:

N/P

### First Aid:

SKIN:FLUSH W/LG AMT COLD H\*20. REMOVE CONTMNTD CLOTHING/SHOES; EYES:FLUSH W/H\*20 FOR 15 MIN; INH: REMOVE TO FRESH AIR. GIVE CPR/OXYGEN IF NEEDED; ING: DO NOT INDUCE VOMITING. GIVE MILK OR MILK OF MAGNESIA; IN A NY OF THE ABOVE CASE, IMMEDIATELY SUMMON A PHYSICIAN

### Spill Release Procedures:

ELIMINATE IGNITION SOURCES. S LEAK W/O RISK. EVACUATE AREA. SM SPILL:ABSORB WITH INERT ABSORBENT, FLUSH AREA WITH WATER. LG SPILL:NEUTRALIZE WITH SODA ASH. FLUSH NEUTRALIZED SOLUTION TO SEWER IN ACCORDANCE WITH INTERNATIONAL FED,STA, & LOCAL REGS.

### Neutralizing Agent:

N/P

### Waste Disposal Methods:

SPILLAGE SHOULD BE CONTAINED & NEUTRALIZED CAREFULLY W/LIME OR SODA ASH. THE RESIDUAL SHOULD BE KEPT IN DRUMS & SENT TO DISPOSAL AREA. THE NEUTRALIZED MATERI AL SHOULD BE SENT TO PLANT TREATMENT AREA; OBSERVE ALL FED, STATE & LOCAL STATUTES OF DISPOSAL.

### Handling And Storage Precautions:

STORE ONLY IN APPROVED CONTNRS AVOIDING GLASS & SOME METALS. STORE BELOW 125F, PREFERABLY BELOW 100F IN WELL-VENTILATED, PROPERLY DRAINED SITE.

### Other Precautions:

DO NOT ALLOW SMOKING NEAR FULL/EMPTY CONTNRS OF THIS MATERI AL. DO NOT BREATH VAP/MIST. USE W/ADEQUATE VENTILATION. WASH THOROUGHLY AFTER HANDLING. KEEP CONTNRS TIGHTLY CLOSED. READ LABEL BEFORE USE MATERI AL.

## Fire and Explosion Hazard Information

### Flash Point Method:

N/P

### Flash Point:

### Flash Point Text:

N/A

### Autoignition Temp:

### Autoignition Temp Text:

N/A

### Lower Limits:

N/A

### Upper Limits:

N/A 4

### Extinguishing Media:

WATER SPRAY RECOMMENDED AS GIVING MINIMUM SPLASHING HAZARD.

### Fire Fighting Procedures:

WEAR CHEMICAL PROTECTIVE SUIT WITH SELF CONTD BRTHG APP.

### Unusual Fire/Explosion Hazard:

MAY GENERATE HYDROGEN IN CONTACT W/SOME METALS. THIS IS FIRE EXPLOSIVE, & REACTIVE HAZARD.

## Physical/Chemical Properties

### HCC:

C1

### NRC/State LIC No:

5

### Net Prop WT For Ammo:

### Boiling Point:

### B.P. Text:

>250C

### Melt/Freeze Pt.:

### Decomp Temp:

### N/A/F.P. Text:

N/A

### Decomp Text:

### Vapor Pres:

0.4

### Vapor Density:

0.7

### Volatile Org Content %:

### Spec Gravity:

1.15

### VOC Pounds/Gallon:

### PH: N/P

### VOC Grams/Liter:

### Viscosity:

N/P

### UNKnown Rate & Reference:

### Solubility in Water:

COMPLETE

### Appearance and Odor:

COLORLESS LIQUID;SHARP PENETRATING ODOR.

### Percent Volatiles by Volume:

UNK

### Corrosion Rate:

N/P

### Conditions To Avoid:

### Reactivity Data

### Stability Indicator:

YES

### Stability Condition To Avoid:

METAL CONTACT

### Materials To Avoid:

FLAMMABLE/OXIDIZER MATERI AL; SOME METALS, GLASS.

### Hazardous Decomposition Products:

AMMONIA, FLUORINE, HYDROGEN FLUORIDE GAS, HYDROGEN

### Hazardous Polymerization Indicator:

NO

### Conditions To Avoid Polymerization:

UNKNOWN

## Toxicological Information

### Information:

N/P

## MSDS Transport Information

### Information:

N/P

## Regulatory Information

### Other Information:

N/P

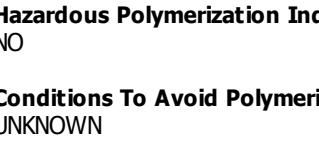
## Other Information

### Other Information:

N/P

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