

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-121/12135-76-1.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:

12135-76-1

Code:

M

RTECS:

BS4920000

Code:

M

Name:

AMMONIUM SULFIDE (SARA III)

Other REC Limits:

N/K

OSHA PEL:

NOT ESTABLISHED

Code:

M

OSHA STEL:**Code:****ACGIH TLV:**

NOT ESTABLISHED

Code:

M

ACGIH STEL:

N/P

Code:

Control Measures

Respiratory Protection:

N/K

Ventilation:

ADEQUATE VENTILATION.

Protective Gloves:

RUBBER

Eye Protection:

SAFETY GLASSES, FACE SHIELD, 3

Other Protective Equipment:

Equipment LAB COAT, RUBBER APRON, RUBBER PROTECTIVE CLOTHING.

Work Hygienic Practices:

REMOVE/LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health:

N/K

Health Hazards Data

LD50/LC50/Mixture:

N/K

Route Of Entry Inds - Inhalation:

YES

Skin:

YES

Ingestion:

YES

Carcinogenicity Inds - NTP:

NO

IARC:

NO

OSHA:

NO

Health Hazards Acute And Chronic:

EYES: CORROSIVE. SKIN: CORROSIVE. INGESTION: CORROSIVE. CAUSES SEVERE IRRITATION/BURNS OF MOUTH, ESOPHAGUS, STOMACH. INHALATION: IRRITATION.

Explanation Of Carcinogenicity:

NONE

Signs And Symptoms Of Overexposure:

N/K

Medical Cond Aggravated By Exposure:

EYE, SKIN, & RESPIRATORY CONDITIONS.

First Aid:

EYES: IMMEDIATELY FLUSH W/WATER FOR 15 MINS. SKIN: WASH THOROUGHLY W/SOAP & WATER. INGESTION: GIVE LARGE AMOUNTS OF WATER. FOLLOW W/MILK OR EGG WHITES BEATEN IN WATER. DON'T INDUCE VOMITING. INHALATION: REMOVE TO FRESH AIR. OBTAIN MEDICAL ATTENTION IN ALL 2 CASES.

Spill Release Procedures:

NEUTRALIZE W/DILUTE ACID. ABSORB W/VERMICULITE/OTHER INERT MATERIAL. CONTAINERIZE FOR LATER DISPOSAL.

Neutralizing Agent:

DILUTE ACID

Waste Disposal Methods:

DISPOSE OF IN ACCORDANCE W/LOCAL, STATE, & FEDERAL REGULATIONS.

Handling And Storage Precautions:

COOL, DRY, WELL VENTILATED AREA. AVOID DIRECT SUNLIGHT.

Other Precautions:

AVOID CONTACT W/EYES, SKIN & CLOTHING. AVOID BREATHING CHEMICAL.

Fire and Explosion Hazard Information

Flash Point Method:

N/P

Flash Point:**Flash Point Text:**

N/R

Autoignition Temp:**Autoignition Temp Text:**

N/A

Lower Limits:

16.0%

Upper Limits:

27.0%

Extinguishing Media:

DRY CHEMICAL, CO₂, WATER SPRAY, FOAM

Fire Fighting Procedures:

WEAR SCBA (POSITIVE PRESSURE IF AVAILABLE) BREATHING APPARATUS & SPECIAL PROTECTIVE CLOTHING.

Unusual Fire/Explosion Hazard:

N/K

Physical/Chemical Properties

HCC:**NRC/State LIC No:****Net Prop WT For Ammo:****Net Prop WT For Ammo:****Boiling Point:****B.P. Text:**

120-140F

Melt/Freeze Pt:**M.P/ F.P Text:**

N/K

Decomp Temp:**Decomp Text:**

N/K

Vapor Pres:

143

Vapor Density:

0.6

Volatile Org Content %:**Spec Gravity:**

0.97

VOC Pounds/Gallon:**pH:**

10.6

VOC Grams/Liter:**Viscosity:**

N/P

Evaporation Rate & Reference:

N/K

Solubility in Water:

COMPLETE

Appearance and Odor:

COLORLESS YELLOW W/SULFIDIC/AMMONICAL ODOR.

Percent Volatiles by Volume:

92

Corrosion Rate:

N/K

Conditions To Avoid Polymerization:

N/K

Reactivity Data

Reactivity Indicator:

YES

RTECS Heat To Avoid:

EXTREME HEAT, TEMPERATURES. CONTACT W/ACIDS, STRONG OXIDIZERS, METALS.

Materials To Avoid:

ACIDS, STRONG OXIDIZERS, METALS.

Hazardous Decomposition Products:

MAY EMIT TOXIC FUMES OF SULFUR OXIDES, NITROGEN OXIDES, AMMONIA, HYDROGEN SULFIDE, HYDROGEN CHLORIDE.

Hazardous Polymerization Indicator:

NO

Conditions To Avoid Polymerization:

N/K

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



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