

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-778/7784-25-0.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:
7784-25-0
Code:
M

RTECS:

Code:
X

Name:
AMMONIUM ALUM

Other REC Limits:
N/P

OSHA PEL:
N/P
Code:

OSHA STEL:

Code:

ACGIH TLV:
N/K
Code:
M

ACGIHSTEL:
N/P
Code:

Control Measures

Respiratory Protection:
NONE SHOULD BE NEEDED

Ventilation:
GOOD GENERAL VENTILATION SHOULD BE SUFFICIENT

Protective Gloves:
IMPERVIOUS

Eye Protection:
SAFETY GLASSES

Other Protective Equipment:
Equipment AS REQUIRED TO PREVENT PROLONGED CONTACT.

Work Hygienic Practices:
5 OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES. DO NOT WEAR CONTAMINATED CLOTHING OR FOOTWEAR.

Supplemental Safety and Health:
N/P

Health Hazards Data

LD50LC50Mixture:
UNKNOWN

Route Of Entry Inds - Inhalation:
NO

Skin:
NO

Ingestion:
NO

Carcinogenicity Inds - NTP:
NO

IARC:
NO

OSHA:
NO 3

Health Hazards Acute And Chronic:
INHALE: LOW HAZARD FOR USUAL INDUSTRIAL HANDLING. EYES: NO SPECIFIC HAZARD KNOWN TO EASTMAN KODAK COMPANY. HOWEVER, ANY MATERIAL THAT CONTACTS THE EYE MAY BE IRRITATING. SKIN: LOW HAZARD FOR USUAL INDUSTRIAL HANDLING.

Explanation Of Carcinogenicity:
NONE OF THE COMPOUNDS IN THIS PRODUCT IS LISTED BY IARC, NTP, OR OSHA AS A CARCINOGEN.

Signs And Symptoms Of Overexposure:
SEE HEALTH HAZARDS.

Medical Cond Aggravated By Exposure:
UNKNOWN

First Aid:
INHALE: REMOVE TO FRESH AIR, GIVE CPR/O*2 IF NEED;EYES/SKIN:FLUSH W LG AMTS H*20 FOR 15 MIN;INGEST:RINSE MOUTH; GET MEDICAL ATTENTION FOR EYES, BREATHING DIFFICULTY, OR OTHER SYMPTOMS OF OVEREXPOSURE.

Spill Release Procedures:
WEAR PROTECTIVE EQUIPMENT TO PROTECT SKIN & EYES.RMV IGN SOURCES.COLLECT & CONTAIN SPILLS BY MEANS OF DIKING/ABSORBING & PLACE IN SALVAGE TANK;SMALL/LARGE SPILLS:FLUSH SPILL TO ACID FREE SEWER W/LG AM TS OF WATER.FOLLOW ALL APPLICABLE REGULATIONS.

Neutralizing Agent:
NOT APPLICABLE.

Waste Disposal Methods:
KEEP IN COVERED DRUMS,PENDING DISPOSAL. HANDLE & DISPOSE IN FULL COMPLIANCE WITH ALL APPLICABLE INTERNATIONAL,FEDERAL,STATE, & LOCAL REGULATIONS.

Handling And Storage Precautions:
STORE IN COOL,DRY,WELL VENTILATED AREA. PROTECT FROM PHYSICAL DAMAGE.AVOID ANY PHYSICAL CONTACT. KEEP CONTAINERS TIGHTLY CLOSED

Other Precautions:
KEEP AWAY FROM STRONG ACIDS & OXIDIZERS. 4

Fire and Explosion Hazard Information

Flash Point Method:
N/P

Flash Point:

Flash Point Text:
NONE

Autoignition Temp:

Autoignition Temp Text:
N/A

Lower Limits:
N/R

Upper Limits:
N/R

Extinguishing Media:
WATER SPRAY;DRY CHEMICAL; CARBON DIOXIDE

Fire Fighting Procedures:
USE H*20 TO COOL EXPD CONTRS. USE SCBA & FULL PROT.CLTHG.

Unusual Fire/Explosion Hazard:
FIRE OR EXCESSIVE HEAT MAY PRODUCE HAZARDOUS DECOMPOSITION PRODUCTS.

Physical/Chemical Properties

HCC:
N1

NRC/State LIC No:

Net Prop WT For Ammo:

Boiling Point:

B.P. Text:
N/R

Melt/Freeze Pt:

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

Decomp Temp:

Decomp Text:
UNKNOWN

Vapor Pres:
N/R

Vapor Density:
N/R

Volatile Org Content %:

Spec Gravity:
N/K

VOC Pounds/Gallon:

PH: N/P

VOC Grams/Liter:

Viscosity:
N/P

Evaporation Rate & Reference:
N/R

Solubility in Water:
APPRECIABLE

Appearance and Odor:
WHITE POWDER;ODORLESS

Percent Volatiles by Volume:
N/R

Corrosion Rate:
UNKNOWN

Reactivity Data

Stability Indicator:
YES

Stability Condition To Avoid:
EXCESSIVE HEAT

Materials To Avoid:
MINERAL ACIDS; OXIDIZERS 6

Hazardous Decomposition Products:
MAY EMIT OXIDES OF NITROGEN SULFUR ON THRLM DECOMPOSITION

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