

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-101/10124-37-5.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:
10124-37-5

Code:
M

RTECS:
EW2985000

Code:
M

Name:
CALCIUM (II) NITRATE (1:2);(CALCIUM NITRATE)

Other REC Limits:
N/K

OSHA PEL:
NOT APPLICABLE

Code:
M

OSHA STEL:

Code:

ACGIH TLV:
NOT APPLICABLE

Code:
M

ACGIHSTEL:
N/P

Code:

Control Measures

Respiratory Protection:
NIOSH/MSHA APPROVED RESPIRATOR APPROPRIATE FOR EXPOSURE OF CONCERN (FP N).

Ventilation:
NONE SPECIFIED BY MANUFACTURER.

Protective Gloves:
NEOPRENE GLOVES.

Eye Protection:
CHEMICAL WORKERS GOGGLES (FP N).

Other Protective Equipment:
Equipment NONE SPECIFIED BY MANUFACTURER.

Work Hygienic Practices:
WASH THOROUGHLY AFTER HANDLING. WASH CLOTHING AFTER USE.

Supplemental Safety and Health:
13 EFTS OF OVEREXP:ANESTHETIC EFFECTS. CHRONIC: ING 5:LUNG DISORDERS/INSUFFICIENCY. ING 8:INHALATION CAUSES SILICOSIS.

Health Hazards Data

LD50LC50Mixture:
SEE INGREDIENTS 1 & 4.

Route Of Entry Inds - Inhalation:
YES

Skin:
NO

Ingestion:
YES

Carcinogenicity Inds - NTP:
NO

IARC:
NO

OSHA:
NO

Health Hazards Acute And Chronic:
DETONATION MAY CAUSE SEVERE PHYSICAL INJURY, INCL DEATH. NITROGEN OXIDE FUMES MAY CAUSE SKIN, EYE/RESP SYSTEM IRRIT, SYSTEMIC TOX, OXIDATION OF LUNG TISS, EMPHYSEMA, BRONCHI, & BRONCHOPNEUMONIA, ASPHY, PULM EDEMA & DEATH. ACUTE:ING 1-3:SKIN:IRRIT W/DISCOMFORT/RASH.INGEST:IRRIT. ING 1,2,4,9:EYE:IRRIT W/ (EFTS OF OVEREXP)

Explanation Of Carcinogenicity:
NOT RELEVANT.

Signs And Symptions Of Overexposure:
11 HLTH HAZ:DISCOMFORT, TEARING/BLURRING OF VISION. ING 3:CYANOSIS. ING 4:NAUS, VOMIT, CRAMPS, HDCH & CONVL. ING 5:TEMP LUNG IRRIT EFTS W/COUGH, DISCOMFORT, DFCLTY BRTHG OR SHORTNESS OF BREATH. LUNG DISO RTERS/INSUFFICIENCY. ING 9:NAUS, HDCH, WEAKNESS, LOSS OF KIDNEY FUNCTION, EDEMA, UREMIA, TEMP NERV SYS DEPRESS (SUPDAT)

Medical Cond Aggravated By Exposure:
PREEXISTING DISEASES OF THE LUNGS.

First Aid:
SKIN:FLUSH WITH WATER. EYE:IMMEDIATELY FLUSH W/PLENTY OF WATER FOR AT LEAST 15 MINUTES. CALL MD. INGEST:INDUCE VOMIT IMMED BY GIVING 2 GLASSES OF WATER & STICKING FINGER DOWN THROAT. NEVER GIVE ANYTHI NG BY MOUTH TO UNCON PERS. CALL MD. INHAL:MOVE TO FRESH AIR. IF NOT BRTHG, GIVE ARTF RESP, PREF MOUTH-TO-MOUTH. IF BRTHG DFCLT, GIVE OXYGEN.CALL MD. IF DETONATION CAUSES PHYSICAL INJURY, GET MD IMMED.

Spill Release Procedures:
REVIEW "FIRE AND EXPLOSION HAZARDS" AND "SAFETY PRECAUTIONS" BEFORE PROCEEDING W/CLEAN UP. USE APPROPRIATE PROTECTIVE EQUIPMENT DURING CLEAN UP.

Neutralizing Agent:
NONE SPECIFIED BY MANUFACTURER.

Waste Disposal Methods:
DO NOT BURN. CONSULT EXPLO MFR FOR REC METHODS OF DESTROYING EXPLO MATLS. COMPLY W/APPLIC FED REGULATIONS UNDER AUTHORITY OF RCRA (40 CFR, PARTS 260-271). DO NOT FLUSH TO SURF WATER/SANITARY SEWER SYS . DISP MUST BE I/A/W FED, STATE & LOC REGS (FP N).

Handling And Storage Precautions:
STORE IN WELL VENTILATED, COOL AREA. DO NOT STORE WITH OTHER EXPLOSIVES. STORE I/A/W NFPA REGULATIONS & FEDERAL REGS. STORE IN APPROVED TYPE MAGAZINE.

Other Precautions:
DO NOT STORE OR CONSUME FOOD, DRINK OR TOBACCO IN AREAS WHERE THEY MAY BECOME CONTAM W/MATL. KEEP AWAY FROM HEAT, SPARKS, & FLAMES. KEEP CNTNR IN COOL PLACE. DO NOT MIX WITH ACIDS, ALKALIES, OXIDANTS. AVOID BRTHG VAPS/MIST & CNTCT W/EYES.

Fire and Explosion Hazard Information

Flash Point Method:
N/P

Flash Point:

Flash Point Text:
N/K 12

Autoignition Temp:

Autoignition Temp Text:
N/A

Lower Limits:
N/K

Upper Limits:
N/K

Extinguishing Media:
NONE.

Fire Fighting Procedures:
DO NOT FIGHT FIRE. KEEP PERSONNEL REMOVED AND UPWIND OF FIRE. ISOLATE AREA. EVACUATE PERSONNEL TO SAFE AREA.

Unusual Fire/Explosion Hazard:
CLASS A EXPLOSIVE (DOT). WILL DETONATE IF SUITABLY PRIMED, WITH SEVERE IMPACT/BY HEAT/FLAME. HAZARDOUS GASES PRODUCED IN FIRE ARE NO*X, SILICA & ALUMINA FUMES.

Physical/Chemical Properties

HCC:

NRC/State LIC No:

Net Prop WT For Ammo:

Boiling Point:

B.P. Text:
N/K

Melt /Freeze Pt:

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

Decomp Temp:

Decomp Text:
N/K

Vapor Pres:
N/K

Vapor Density:
N/K

Volatile Org Content %:

Spec Gravity:
0.8-1.4

VOC Pounds/Gallon:

PH: N/K

VOC Grams/Liter:

Viscosity:
N/P

Evaporation Rate & Reference:
N/K

Solubility in Water:
N/K

Appearance and Odor:
WHITE TO GRAY RUBBER-LIKE GEL

Percent Volatiles by Volume:
N/K

Corrosion Rate:
N/K

Reactivity Data

Stability Indicator:

Stability Condition To Avoid:

Materials To Avoid:

Hazardous Decomposition Products:

Hazardous Polymerization Indicator:

Conditions To Avoid Polymerization:

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