

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-137/137-41-7.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:

137-41-7

Code:

M

RTECS:

Code:

X

Name:

POTASSIUM N-METHYLDITHIOCARBAMATE

Other REC Limits:

NONE SPECIFIED

OSHA PEL:

N/K

Code:

M

OSHA STEL:

Code:

ACGIH TLV:

N/K

Code:

M

ACGIH STEL:

N/P

Code:

Control Measures

Respiratory Protection:

NOT NORMALLY REQUIRED. USE NIOSH-APPROVED RESPIRATORS WHERE DUST, MIST OR SPRAY MAY BE GENERATED.

Ventilation:

NONE REQUIRED UNDER NORMAL USE. USE LOCAL EXHAUST VENTILATION WHERE MIST/DUST/SPRAY MAY BE GENERATED.

Protective Gloves:

NATURAL OR BUTYL RUBBER

Eye Protection:

CHEMICAL SAFETY GOGGLES WITH FACE SHIELD

Other Protective Equipment:

Equipment RUBBER APRON, RUBBER BOOTS, EYE WASH STATION AND SAFETY SHOWER

Work Hygienic Practices:

5 OBSERVE GOOD INDUSTRIAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES. WASH THOROUGHLY BEFORE EATING, DRINKING/SMOKING.

Supplemental Safety and Health:

EPA REG. NO.: 1448-54.

Health Hazards Data

LD50/LC50 Mixture:

LD50 (ORAL, RAT) IS 661 MG/KG.

Route Of Entry Inds - Inhalation:

YES

Skin:

YES

Ingestion:

YES

Carcinogenicity Inds - NTP:

NO

IARC:

NO

OSHA:

NO

Health Hazards Acute And Chronic:

TARGET ORGANS: EYE, SKIN, RESPIRATORY TRACT. ACUTE- CORROSIVE. SKIN CONTACT CAN CAUSE MILD-SEVERE IRRITATION. HARMFUL IF ABSORBED THROUGH SKIN. INHALING MIST MAY CAUSE 3 RESPIRATORY TRACT IRRITATION/CORROSION. CAN CAUSE SEVERE EYE BURNS. INGESTION IS NOT EXPECTED TO BE A PRIMARY ROUTE OF EXPOSURE. CHRONIC- UNKNOWN.

Explanation Of Carcinogenicity:

NONE

Signs And Symptoms Of Overexposure:

SEVERE BURNS, SEVERE IRRITATION, BLINDNESS, PAIN

Medical Cond Aggravated By Exposure:

UNKNOWN

First Aid:

GET IMMEDIATE MEDICAL HELP FOR ALL CASES OF EXPOSURE. EYES/SKIN: FLUSH WITH WATER FOR AT LEAST 15 MINUTES. HOLD EYELIDS OPEN. INHALED: REMOVE TO FRESH AIR. PROVIDE CPR/OXYGEN IF NECESSARY. ORAL: DO NOT INDUCE VOMITING. IF CONSCIOUS, RINSE MOUTH & DRINK 1-2 GLASSES OF MILK/WATER. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. IF VOMITING OCCURS SPONTANEOUSLY, KEEP AIRWAY CLEAR.

Spill Release Procedures:

VENTILATE AREA. WEAR PROTECTIVE EQUIPMENTS. RECOVER AS MUCH AS POSSIBLE. SPILL RESIDUALS CAN BE COLLECTED USING CLAY OR SOIL. TRANSFER TO A SUITABLE CONTAINER FOR DISPOSAL. DO NOT FLUSH TO SEWER OR WATERWAYS. FOR MORE INFORMATION, CALL BUCKMAN.

Neutralizing Agent:

ACETIC, HYDROCHLORIC, SULFURIC, PHOSPHORIC, NITRIC ACIDS

Waste Disposal Methods:

WASTE DISPOSAL TO BE PERFORMED IN COMPLIANCE WITH ALL CURRENT LOCAL, STATE AND FEDERAL REGULATIONS. CONTRACT WITH AN APPROVED DISPOSAL AGENCY.

Handling And Storage Precautions:

STORE IN CLOSED CONTAINER AWAY FROM INCOMPATIBLES. KEEP OUT OF REACH OF CHILDREN.

Other Precautions:

DO NOT GET INTO EYES OR ON SKIN. DO NOT BREATHE MISTS. DO NOT TAKE INTERNALLY. WASH THOROUGHLY AFTER HANDLING. USE WITH ADEQUATE VENTILATION.

Fire and Explosion Hazard Information

Flash Point Method:

N/P

Flash Point:

Flash Point Text:

>212F, >100C

Autoignition Temp:

Autoignition Temp Text:

N/K

Lower Limits:

UNKNOWN

Upper Limits:

UNKNOWN

Extinguishing Media:

WATER SPRAY, CARBON DIOXIDE, SAND, FOAM/DRY CHEMICAL. WATER SPRAY MAY BE USED TO KEEP FIRE EXPOSED CONTAINERS COOL.

Fire Fighting Procedures:

WEAR FULL PROTECTIVE CLOTHING AND NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS.

Unusual Fire/Explosion Hazard:

UNKNOWN

Physical/Chemical Properties

HCC:

B1

NRC/State Lic No:

NOT RELEVANT

Net Prop WT For Ammo:

Boiling Point:

>101.1C, 214F

B.P. Text:

Melt/Freeze Pt:

<0.C, 32.F

M.P./F.P. Text:

Decomp Temp:

Decomp Text:

N/P

Vapor Pres:

UNKNOWN

Vapor Density:

UNKNOWN

Volatile Org Content %:

Spec Gravity:

1.22

VOC Pounds/Gallon:

pH:

13

VOC Grams/Liter:

Viscosity:

UNKNOWN

Evaporation Rate & Reference:

UNKNOWN

Solubility in Water:

COMPLETE

Appearance and Odor:

CLEAR, RED-ORANGE LIQUID WITH SULFIDE ODOR

Percent Volatiles by Volume:

N/K

Corrosion Rate:

UNKNOWN

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

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