

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-726/72676-55-2.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:
72676-55-2
Code:
M

RTECS:

Code:
X

Name:
1,3,4-THIA DIAZOLE-2-THIOL, 5,5'-DITHIOBIS-

Other REC Limits:
N/K

OSHA PEL:
N/K
Code:
M

OSHA STEL:

Code:

ACGIH TLV:
N/K
Code:
M

ACGIH STEL:
N/P
Code:

Control Measures

Respiratory Protection:
OSHA/NIOSH APPROVED SUPPLIED AIR RESPIRATOR/SCBA.

Ventilation:
LOCAL EXHAUST: WHEN THE TLV/PEL IS EXCEEDED.

Protective Gloves:
OIL IMPERVIOUS &NEOPRENE TYPE

Eye Protection:
CHEMICAL GOGGLES/FULL FACE SHIELD

Other Protective Equipment:
Equipment OIL IMPERVIOUS/NEOPRENE COVER &ANTI-SLIP SOLE CONSTRUCTION. OIL IMPERVIOUS/NEOPRENE APRON/COVERALLS.

Work Hygienic Practices:
REMOVE/LAUNDER CONTAMINATED CLOTHING BEFORE REUSE. WASH HANDS BEFORE EATING/SMOKING. DON'T SMOKE IN WORK AREA.

Supplemental Safety and Health:
IMMEDIATELY CLEAN UP ANY SPILLS, TO PREVENT ACCIDENTAL SLIPPING. HZRD DEC CONT'D: PHOSPHORUS/CALCIUM & MOLYBDENUM. FIRTAID CONT'D: OBTAIN MEDICAL ATTENTION IN ALL CASES. NOTES: INTUBATE STOMACH. ASPI RATE THE PHARYNXAS REGULARLY AS POSSIBLE TO REMOVE GAGGED/VOMITED STOMACH CONTENT.

Health Hazards Data

LD50LC50Mixture:
ORAL LD50(RATS): >5 G/KG

Route Of Entry Inds - Inhalation:
YES

Skin:
NO

Ingestion:
YES 3

Carcinogenicity Inds - NTP:
NO

IARC:
NO

OSHA:
NO

Health Hazards Acute And Chronic:
SKIN: IRRITATION & DERMATITIS. EYES: PRODUCT, VAPORS & MIST MAY CAUSE IRRITATION & BURNING. INHALATION: VAPORS MAY IRRITATE THE MUCOSAL MEMBRANES OF MOUTH, NOSE & THROAT. VAPORS MAY ACCUMULATE IN THE LUNGS & MAY CAUSE CHEMICAL PNEUMONITIS.INGESTION: ASPIRATION INTO THE LUNGS MAY CAUSE MILD TO SEVERE PULMONARY INJURY.

Explanation Of Carcinogenicity:
NONE

Signs And Symptions Of Overexposure:
IRRITATION, RASH, BURNING, HEADACHE, NAUSEA, VOMITING.

Medical Cond Aggravated By Exposure:
EXISTING CHRONIC SKIN, RESPIRATORY & POSSIBLY GI DISEASES.

First Aid:
SKIN: WIPE OFF, THEN WASH THOROUGHLY W/SOAP & WATER. EYES: FLUSH IMMEDIATELY W/WATER FOR 15 MINS. INHALATION: IMMEDIATELY REMOVE TO FRESH AIR. GIVE OXYGEN/CPR IF NEEDED. KEEP WARM & QUIET. INGESTION: ASPIRATION HAZARD. IF CONSCIOUS, GIVE 1-2 GLASSES OF MILK/WATER TO DILUTE STOMACH CONTENT. DON'T INDUCE VOMITING. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. (SEE SUPP)

Spill Release Procedures:
WEAR ADEQUATE PROTECTION & ELIMINATE SOURCES OF IGNITION. S THE LEAK, IF IT CAN BE SAFELY DONE. VENTILATE AREA & DIKE TO PREVENT ENTRY INTO SEWER/WATERCOURSES. SUCTION/SCOOP INTO APPROPRIATE DISPOS AL/RECYCLING VESSELS THE AREA W/OIL-ABSORBENT.

Neutralizing Agent:
N/K

Waste Disposal Methods:
DISPOSE OF WASTE IAW/FEDERAL, STATE & LOCAL REGULATIONS.

Handling And Storage Precautions:
STORE IN A CLEAN, DRY AREA >120F, AWAY FROM ALL IGNITION SOURCES & INCOMPATIBLE MATERIALS.

Other Precautions:
AVOID ACCIDENTAL SPILLAGE/FOOD CONTAMINATION/VAPOR/MIST INHALATION/EYE/SKIN CONTACT & IGNITION OF PRODUCT. HIGH PRESSURE GREASE INJECTION EQUIPMENT MUST BE USED BY TRAINED PERSONNEL ONLY.

Fire and Explosion Hazard Information

Flash Point Method:
COC

Flash Point:

Flash Point Text:
370F

Autoignition Temp:

Autoignition Temp Text:
N/A

Lower Limits:
N/K

Upper Limits:
N/K

Extinguishing Media:
DRY CHEMICAL, WATER FOG, CHEMICAL FOAM/CO2. DIRECT WATER STREAM MAY CAUSE FROTHING. 4

Fire Fighting Procedures:
USE WATER TO COOL FIRE EXPOSED CONTAINERS. WEAR FULL EMERGENCY EQUIPMENT W/SUPPLIED AIR RESPIRATOR/SCBA.

Unusual Fire/Explosion Hazard:
WILL BURN IF ITS TEMP REACHES/EXCEEDS ITS FLASH POINT.

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:
1.04

VOC Pounds/Gallon:

PH: N/R

VOC Grams/Liter:

Viscosity:
N/P

Evaporation Rate & Reference:
N/K

Solubility in Water:
NEGLEGIBLE

Appearance and Odor:
CHARCOAL BROWN/GREY VISCOUS PASTE W/CHARACTERISTIC ODOR 5

Percent Volatiles by Volume:
<0.1

Corrosion Rate:
N/K

Reactivity Data

Stability Indicator:
YES

Stability Condition To Avoid:
TEMPS >155F.

Materials To Avoid:
STRONG OXIDIZERS, ACIDS &ALKALIES.

Hazardous Decomposition Products:
LITHIUM OXIDE/HYDROXIDE/TRACES OF AMMONIA/ALHEHYDES/MERCAPTANS/HYDROGEN SULFIDE/OXIDES OF CARBON/SULFUR/NITROGEN. (SUPP)

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