

# 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-THIADIAZOLE-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 DEG CONT'D: PHOSPHORUS/CALCIUM & MOLYBDENUM. FIRSTAID CONT'D: OBTAIN MEDICAL ATTENTION IN ALL CASES. NOTES: INTUBATE STOMACH. ASPIRATE THE PHARYNX AS REGULARLY AS POSSIBLE TO REMOVE GAGGED/VOMITED STOMACH CONTENT.

## Health Hazards Data

### LD50/LC50 Mixture:

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 Symptoms 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:

### Melt/Freeze Pt:

### M.P./F.P. Text:

### N.P./F.P. Text:

### Decomp Temp:

### Decomp Text:

### N.K. Text:

### Vapor Pres:

### N.K.

### Vapor Density:

### N.K.

### Volatile Org Content %:

### N/A

### VOC Pounds/Gallon:

### PH: N/R

### VOC Grams/Liter:

### N.P.:

### Viscosity:

### N.P.

### Evaporation Rate & Reference:

N/K

### Solubility in Water:

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:

TEMP'S >155F

### Materials To Avoid:

STRONG OXIDIZERS, ACIDS & ALKALIES.

### Hazardous Decomposition Products:

AMMONIA/ALDEHYDES/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



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