

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-60/60-56-0.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:

60-56-0

Code:

M

RTECS:

NI8615000

Code:

M

Name:

IMIDAZOLE-2-THIOL, 1-METHYL

Other REC Limits:

N/K

OSHA PEL:

N/K

Code:

M

OSHA STEL:**Code:****ACGIH TLV:**

N/K

Code:

M N/P

ACGIH STEL:

EPA Rpt Qty: DOT Rpt Qty: Ozone Depleting Chem

Code:

1 ACGIH STEL:

Control Measures

Respiratory Protection:

SUITABLE FILTER-TYPE RESPIRATOR IF AIRBORNE CONCENTRATIONS EXCEED RECOMMENDED EXPOSURE LIMITS.

Ventilation:

ADEQUATE

Protective Gloves:

REQUIRED

Eye Protection:

SAFETY EYEWEAR 3

Other Protective Equipment:

Equipment EYE WASH STATION & SAFETY SHOWER

Work Hygienic Practices:

WASH HANDS BEFORE EATING OR USING WASHROOM. SMOKE IN SMOKING AREA ONLY.

Supplemental Safety and Health:

N/K

Health Hazards Data

LD50/LC50 Mixture:

N/K

Route Of Entry Inds - Inhalation:

YES

Skin:

YES

Ingestion:

YES

Carcinogenicity Inds - NTP:

NO

IARC:

NO

OSHA:

N/K

Health Hazards Acute And Chronic:

EYES: IRRITATION. SKIN: MODERATE IRRITATION, DERMATITIS. INHALATION: RESPIRATORY TRACT IRRITATION, ASPHYXIA. INGESTION: GASTROINTESTINAL TRACT IRRITATION.

Explanation Of Carcinogenicity:

NONE

Signs And Symptoms Of Overexposure:

EYES: REDNESS, TEARING, BLURRED VISION. INHALATION: DIZZINESS, HEADACHE, NAUSEA, POSSIBLE UNCONSCIOUSNESS. INGESTION: NAUSEA, VOMITING, DIARRHEA.

Medical Cond Aggravated By Exposure:

RESPIRATORY TRACT IRRITATION, ANESTHESIA, NAUSEA, VOMITING.

First Aid:

EYES: WASH IMMEDIATELY W/EYEBATH. SKIN: REMOVE CONTAMINATED CLOTHING, THOROUGHLY WASH AFFECTED AREAS W/SOAP & WATER. INHALATION: REMOVE TO FRESH AIR. GIVE CPR/OXYGEN IF 2 NECESSARY. OBTAIN MEDICAL ATTENTION IN ALL CASES.

Spill Release Procedures:

WEAR PROTECTIVE GEAR, REMOVE ALL IGNITION SOURCES. ABSORB W/VERMICULITE. CLEAN UP AREA W/MIXTURE OF 50% ETHANOL, 45% WATER & 5% AMMONIA.

Neutralizing Agent:

N/K

Waste Disposal Methods:

DISPOSE OF PRODUCT IN ACCORDANCE W/FEDERAL, STATE & LOCAL REGULATIONS. DON'T PUNCTURE OR INCINERATE CONTAINER. DON'T REUSE CONTAINER. WRAP CONTAINER & PLACE IN TRASH COLLECTION.

Handling And Storage Precautions:

STORE IN A COOL, DRY LOCATION. KEEP AWAY FROM INCOMPATIBLE MATERIALS. AVOID GENERATING OIL MISTS WHILE HANDLING. AVOID CONTACT W/SKIN.

Other Precautions:

N/K

Fire and Explosion Hazard Information

Flash Point Method:

TOC

Flash Point:

500F

Autoignition Temp:

N/A

Autoignition Temp Text:

N/A

Lower Limits:

0.9%

Upper Limits:

N/K

Extinguishing Media:

CO2, DRY CHEMICAL

Fire Fighting Procedures:

SELF CONTAINED BREATHING APPARATUS W/PROTECTIVE CLOTHING

Unusual Fire/Explosion Hazard:

SLOW REACTION W/WATER

Physical/Chemical Properties

HCC:**NRC/State LIC No:****Net Prop WT For Ammo:****Boiling Point:****B.P. Text:**

460F

Melt/Freeze Pt:

N/K

M.P./F.P. Text:

N/K

Decomp Temp:

N/K

Decomp Text:

N/K

Vapor Pres:

N/K

Vapor Density:

>1

Volatile Org Content %:

N/K

Spec Gravity:

N/K

VOC Pounds/Gallon:

N/K

PH:

N/K

VOC Grams/Liter:

N/K

Viscosity:

N/K

Evaporation Rate & Reference:

SLOWER THAN ETHER

Solubility in Water:

N/K

Appearance and Odor:

N/K

Percent Volatiles by Volume:

100

Corrosion Rate:

N/K

Reactivity Data

Stability Indicator:

YES

Stability Condition To Avoid:

WATER

Materials To Avoid:

WATER, ALCOHOL, AMINES, ALKALIES

Hazardous Decomposition Products:

OXIDES OF CARBON, OXIDES OF SULFUR & NITROGEN

Hazardous Polymerization Indicator:

YES

Conditions To Avoid Polymerization:

N/K

Toxicological Information

Information:

MSDS/Transport Information

Information:

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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HCC:**NRC/State LIC No:****Net Prop WT For Ammo:****Boiling Point:**

500F

B.P. Text:

460F

Melt/Freeze Pt:

N/K

M.P./F.P. Text:

N/K

Decomp Temp:

N/K

Decomp Text:

N/K

Vapor Pres:

N/K

Vapor Density:

>1

Volatile Org Content %:

N/K

Spec Gravity:

N/K

VOC Pounds/Gallon:

N/K

PH:

N/K

VOC Grams/Liter:

N/K

Viscosity:

N/K