

# 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

**ACGIHSTEL:**  
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

**LD50LC50Mixture:**  
N/K

**Route Of Entry Inds - Inhalation:**  
YES

**Skin:**  
YES

**Ingestion:**  
YES

**Carcinogenicity Inds - NTP:**  
NO

**IARC:**  
NO

**OSHA:**  
NO

**Health Hazards Acute And Chronic:**  
EYES: IRRITATION. SKIN: MODERATE IRRITATION, DERMATITIS. INHALATION: RESPIRATORY TRACT IRRITATION, ASPHYXIATION. INGESTION: GASTROINTESTINAL TRACT IRRITATION.

**Explanation Of Carcinogenicity:**  
NONE

**Signs And Symptions 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 ATTEN TION 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:**

**Flash Point Text:**  
500F

**Autoignition Temp:**

**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:**

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

**Decomp Temp:**

**Decomp Text:**  
N/K

**Vapor Pres:**  
N/K

**Vapor Density:**  
>1

**Volatile Org Content %:**

**Spec Gravity:**  
N/K

**VOC Pounds/Gallon:**

**PH:** N/K

**VOC Grams/Liter:**

**Viscosity:**  
N/P

**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:**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