

# MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-127/127519-17-9.html> for suppliers of this product.

## Composition/Information on Ingredient

**Cas:**  
127519-17-9  
**Code:**  
M

**RTECS:**

**Code:**  
X

**Name:**  
BENZOTRIAZOLE DERIVATIVE

**Other REC Limits:**  
NONE RECOMMENDED

**OSHA PEL:**  
NOT ESTABLISHED  
**Code:**  
M

**OSHA STEL:**

**Code:**

**ACGIH TLV:**  
NOT ESTABLISHED  
**Code:**  
M

**ACGIHSTEL:**  
N/P  
**Code:**

## Control Measures

**Respiratory Protection:**  
WHEN SPRAYING/APPLYING IN ANY CIRCUMSTANCES LIKELY TO PRODUCE AIRBONRE LEVES OF HAZARDOUS

INGREDIENTS, >TLV USE ORGANIC VAPOR CARTRIDGE OR AIR SUPPLIED RESPIRATOR.

**Ventilation:**  
GENERAL VENTILATION TO MAINTAIN VAPORS

**Protective Gloves:**  
SOLVENT RESISTANT.

**Eye Protection:**  
GOGGLES OR FULL FACE SHIELD.

**Other Protective Equipment:**  
Equipment SAFETY SHOWER, EYEBATH &WASHING FACILITIES SHOULD BE AVAILABLE.

**Work Hygienic Practices:**  
NK

**Supplemental Safety and Health:**  
(MORE INFORMATION ON FILE).

## Health Hazards Data

**LD50LC50Mixture:**

NK

**Route Of Entry Inds - Inhalation:**

YES

**Skin:**

YES

**Ingestion:**

YES

**Carcinogenicity Inds - NTP:**

NO

**IARC:**

NO

**OSHA:**

NO

**Health Hazards Acute And Chronic:**  
EYE: BURNING, TEARING, REDDENING, IRRITATION. SKIN: DRYING, CRACKING, DERMATITIS, IRRITATION, HARMFUL ABSORPTION. INHAL:

DIZZY, DROWSY, FATIGUE, LIVER/KIDNEY DAMAGE, IRRITATION. INGEST: IRRIT TO DIGES TIVE TRACT, NS DEPRESSION, (DROWSY, DIZZY, LOSS OF COORDINATION, FATIGUE, LUNG 4 INFLAMMATION/DAMAGE, NAUSEA. CHRONIC: \*

**Explanation Of Carcinogenicity:**

NK

**Signs And Symptions Of Overexposure:**  
NK \* DISTURBANCE IN MEMORY, THINKING ABILITY, EMOTIONS & COORDINATION. POSSIBLE TRANSIENT CORNEAL CLOUDING. INHAL:

COUGH, CHEST PAIN, THROAT IRRIT, HEADACHE, CNS EFFECTS.

**Medical Cond Aggravated By Exposure:**

NK

**First Aid:**  
EYE: FLUSH W/WATER 15 MINUTES, GET MED AID. SKIN: WASH W/SOAP & WATER, DO NOT USE SOLVENTS. REMOVE & WASH CONTAM

CLOTHES BEFORE REUSE, GET MED AID. INHAL: GET FRESH AIR, GIVE ARTIF RESP OR CPR, IF BRE ATHING DIFFICULT, GET MED AID. INGEST, GET MED AID.

**Spill Release Procedures:**  
EXTINGUISH IGNITS, WEAR AIR SUPPLIED RESPIRATOR FOR UNVENTED SPILL, COVER W/ABSORBENT, SCOOP INTO CONTAINER, CLEAN

RESIDUE W/SUITABLE SOLVENT. CERCLA RQ FOR XYLENE, 1000 LBS, TOLUENE 1000 LBS, MEK 500 0 LBS.

**Neutralizing Agent:**

NK

**Waste Disposal Methods:**  
PACKAGE, STORE, TRANSPORT & OTHERWISE MANAGE IN ACCORDANCE W/LOCAL/STATE/FEDERAL REGULATIONS.

**Handling And Storage Precautions:**  
KEEP CONTAINER TIGHTLY CLOSED, ISOLATE FROM IGNITS, DO NOT STORE >120F.

**Other Precautions:**  
EMPTY DRUMS MAY CONTAIN EXPLOSIVE VAPORS, DONT CUT, PUNCTURE, WELD ON/NEAR DRUMS. VAPOR >AIR, MAY COLLECT IN

LOW/CONFINED AREAS.

## Fire and Explosion Hazard Information

**Flash Point Method:**

SCC

**Flash Point:**

**Flash Point Text:**

65.0F,18.3C

**Autoignition Temp:**

**Autoignition Temp Text:**

NK

**Lower Limits:**

NK

**Upper Limits:**

NK

**Extinguishing Media:**  
CARBON DIOXIDE, DRY CHEMICAL OR FOAM.

**Fire Fighting Procedures:**  
WATER SPRAY MAY BE INEFFECTIVE, USE WATER TO COOL FIRE EXPOSED CONTAINERS, FOG NOZZLE PREFERRED. USE SCBA &

APPROPRIATE PROTECTIVE EQUIPMENT.

**Unusual Fire/Explosion Hazard:**  
VAPORS MAY ACCUMULATE/FORM EXPLOSIVE MIXTURES W/AIR/TRAVEL LONG DISTANCES & FLASH BACK. CLOSED CONTAINERS MAY

EXPLODE W/EXTREME HEAT. 5

## Physical/Chemical Properties

**HCC:**

**NRC/State LIC No:**

NK

**Net Prop WT For Ammo:**

**Boiling Point:**

**B.P. Text:**

175 TO 300F

**Melt/Freeze Pt:**

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

NK

**Decomp Temp:**

**Decomp Text:**

NK

**Vapor Pres:**

NK

**Vapor Density:**

>AIR

**Volatile Org Content %:**

**Spec Gravity:**

1.172

**VOC Pounds/Gallon:**

**PH:** NK

**VOC Grams/Liter:**

419

**Viscosity:**

NK

**Evaporation Rate & Reference:**

NA

**Solubility in Water:**

NK

**Appearance and Odor:**

RED LIQUID, SOLVENT ODOR

**Percent Volatiles by Volume:**

39.6

**Corrosion Rate:**

NK

## Reactivity Data

**Stability Indicator:**

YES

**Stability Condition To Avoid:**

NK

**Materials To Avoid:**

NK 6

**Hazardous Decomposition Products:**  
CARBON DIOXIDE &CARBON MONOXIDE.

**Hazardous Polymerization Indicator:**

NO

**Conditions To Avoid Polymerization:**

NK

## 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