

# MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-565/56539-66-3.html> for suppliers of this product.

## Composition/Information on Ingredient

**Cas:**  
56539-66-3  
**Code:**  
M

**RTECS:**

**Code:**  
X

**Name:**  
3-METHOXY-3-METHYL-1-BUTANOL

**Other REC Limits:**  
N/K

**OSHA PEL:**  
N/K  
**Code:**  
M

**OSHA STEL:**

**Code:**

**ACGIH TLV:**  
N/K  
**Code:**  
M

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

## Control Measures

**Respiratory Protection:**  
NONE REQUIRED IF GOOD VENTILATION IS MAINTAINED. IF VAPOR CONCENTRATION RISES ABOVE TLV, USE NIOSH APPROVED ORGANIC VAPOR AIR-PURIFYING RESPIRATOR/SCBA.

**Ventilation:**  
USE ADEQUATE VENTILATION TO MAINTAIN TLV & PREVENT ACCUMULATION OF VAPORS IN LOW LYING AREAS.

**Protective Gloves:**  
3 SOLVENT RESISTANT FOR LIQUID (NEOPRENE)

**Eye Protection:**  
GOGGLES IF SPLASHING/SAFETY GLASSES

**Other Protective Equipment:**  
Equipment NONE

**Work Hygienic Practices:**  
WASH HANDS W/SOAP &WATER AFTER USE. REMOVE &LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.

**Supplemental Safety and Health:**  
N/K

## Health Hazards Data

**LD50LC50Mixture:**  
N/P

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

**Skin:**  
YES

**Ingestion:**  
NO

**Carcinogenicity Inds - NTP:**  
NO

**IARC:**  
NO

**OSHA:**  
NO

**Health Hazards Acute And Chronic:**  
INHALATION: ANESTHETIC EFFECTS, CNS DEPRESSION, MUCOSAL TISSUE IRRITATION. EYES: SLIGHT IRRITATION. INGESTION: LOW ORDER OF TOXICITY. MINUTE AMOUNT ASPIRATED INTO LUNGS DURING INGESTION MAY CAUSE SEVE RE PULMONARY INJURY. CAN CAUSE IRRITATION TO DIGESTIVE TRACT.

**Explanation Of Carcinogenicity:**  
NONE

**Signs And Symptions Of Overexposure:**  
HEADACHE, DIZZINESS, NAUSEA, IRRITATION, DRYING, DEFATTING

**Medical Cond Aggravated By Exposure:**  
EYE, SKIN & RESPIRATORY DISORDERS 2

**First Aid:**  
INHALATION: MOVE TO FRESH AIR. ADMINISTER OXYGEN IF BREATHING DIFFICULT. EYES: FLUSH W/PLENTY OF WATER. SKIN: WASH W/SOAP & WATER. APPLY MEDICATED SKIN CREAM. INGESTION: ASPIRATION HAZARD. DON'T INDUC E VOMITING. IF VOMITING OCCURS, KEEP HEAD BELOW HIPS TO PREVENT ASPIRATION OF LIQUID INTO LUNGS. OBTAIN MEDICAL ATTENTION IN ALL CASES.

**Spill Release Procedures:**  
EVACUATE & VENTILATE AREA. REMOVE IGNITION SOURCES. REMOVE LEAKING CONTAINER & TRANSFER REMAINING PRODUCT TO ANOTHER VESSEL. MOP/SOAK UP W/ABSORBENT SUCH AS SAND/CLAY & TRANSFER TO DISPOSAL DRUMS W/NO N-SPARKING TOOLS. DON'T FLUSH TO SEWER.

**Neutralizing Agent:**  
N/K

**Waste Disposal Methods:**  
DISPOSE OF IN ACCORDANCE W/FEDERAL, STATE & LOCAL REGULATIONS.

**Handling And Storage Precautions:**  
STORE AEROSOLS BELOW 120F & ABOVE 32F. STORE AWAY FROM IGNITION SOURCES & AVOID BREATHING VAPORS & PROLONGED SKIN CONTACT.

**Other Precautions:**  
VAPORS WILL COLLECT IN LOW AREAS. USE & STORE W/ADEQUATE VENTILATION. BOND & GROUND DURING TRANSFER OF LIQUID.

## Fire and Explosion Hazard Information

**Flash Point Method:**  
TCC

**Flash Point:**

**Flash Point Text:**  
144F

**Autoignition Temp:**

**Autoignition Temp Text:**  
N/A

**Lower Limits:**  
1.2

**Upper Limits:**  
13.1

**Extinguishing Media:**  
FOAM, DRY CHEMICAL, CO2

**Fire Fighting Procedures:**  
SCBA SHOULD BE USED. WATER FOG MAY BE USED TO COOL CLOSED CONTAINERS.

**Unusual Fire/Explosion Hazard:**  
INTENSIVE HEAT WILL CAUSE AEROSOLS TO BURST.

## Physical/Chemical Properties

**HCC:**

**NRC/State LIC No:**

**Net Prop WT For Ammo:**

**Boiling Point:**

**B.P. Text:**  
345F

**Melt/Freeze Pt:**

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

**Decomp Temp:**

**Decomp Text:**  
N/K

**Vapor Pres:**  
1

**Vapor Density:**  
5.9

**Volatile Org Content %:**

**Spec Gravity:**  
0.795

**VOC Pounds/Gallon:**

**PH:** N/K

**VOC Grams/Liter:**

**Viscosity:**  
N/P

**Evaporation Rate & Reference:**  
(N-BU AC=1):

**Solubility in Water:**  
10-30%

**Appearance and Odor:**  
CLEAR, COLORLESS LIQUID W/MILD ODOR

**Percent Volatiles by Volume:**  
100

**Corrosion Rate:**  
N/K

## Reactivity Data

**Stability Indicator:**  
YES

**Stability Condition To Avoid:**  
HEATING HEAT, OPEN FLAME, ELECTRIC ARCS, HOT SURFACES

**Materials To Avoid:**  
OXIDIZING AGENTS

**Hazardous Decomposition Products:**  
CO, CO2

**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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WARRANTY

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