

# MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-110/110-71-4.html> for suppliers of this product.

## Composition/Information on Ingredient

**Cas:**  
110-71-4  
**Code:**  
M

**RTECS:**  
KI1451000  
**Code:**  
M

**Name:**  
DIMETHOXYETHANE

**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:**  
NONE UNDER NORMAL USE.

**Ventilation:**  
NOT APPLICABLE

**Protective Gloves:**  
NOT APPLICABLE

**Eye Protection:**  
NOT APPLICABLE

**Other Protective Equipment:**  
Equipment NONE UNDER NORMAL USE.

**Work Hygienic Practices:**  
N/A

**Supplemental Safety and Health:**  
EACH CELL CONTAINS 0.05 GRAMS OF LITHIUM.

## Health Hazards Data

**LD50LC50Mixture:**  
UNKNOWN

**Route Of Entry Inds - Inhalation:**  
NO

**Skin:**  
NO

**Ingestion:**  
NO

**Carcinogenicity Inds - NTP:**  
N/P

**IARC:**  
N/P

**OSHA:**  
NO

**Health Hazards Acute And Chronic:**  
NONE UNDER NORMAL CONDITIONS OF USE. RUPTURED BATTERIES ARE CORROSIVE TO SKIN, EYES AND MUCUS MEMBRANES.

**Explanation Of Carcinogenicity:**  
N/P

**Signs And Symptions Of Overexposure:**  
NONE UNDER NORMAL USE-IN A FIRE SITUATION, CELLS MAY RELEASE HARMFUL MATERIALS . 4

**Medical Cond Aggravated By Exposure:**  
NONE KNOWN

**First Aid:**  
INGESTION:SEEK MEDICAL ATTENTION, CONTACT THE NATIONAL CAPITAL POISON CENTER,WASHINGTON,DC,(202)625-3333-CALL COLLECT-

**Spill Release Procedures:**  
PICK UP AND PLACE IN SUITABLE DISPOSAL CONTAINER--WHEN ACCUMULATING LG.QUANTITIES OF UNDISCHARGED BATTERIES FOR DISPOSAL,PACK IN A NON-CONDUCTIVE INSULATING MATERIAL.

**Neutralizing Agent:**  
NONE

**Waste Disposal Methods:**  
DISPOSE OF IAW LOCAL,STATE AND FEDERAL REGULATIONS.

**Handling And Storage Precautions:**  
DO NOT STORE UNPACKED BATTERIES TOGETHER- THIS SITUATION WILL RESULT IN CELL SHORTING AND HEAT BUILDUP.

**Other Precautions:**  
NONE

## Fire and Explosion Hazard Information

**Flash Point Method:**  
N/P

**Flash Point:**

**Flash Point Text:**  
N/R

**Autoignition Temp:**

**Autoignition Temp Text:**  
N/R

**Lower Limits:**  
N/R

**Upper Limits:**  
N/R

**Extinguishing Media:**  
GRAPHITE, METAL-X, LITH-X. 5

**Fire Fighting Procedures:**  
WEAR CHEMICAL PROTECTIVE SUIT WITH SELF CONTD BRTHG APP.

**Unusual Fire/Explosion Hazard:**  
WHEN EXPOSED TO EXCESSIVE HEAT,CELLS MAY RUPTURE AND COULD RESULT IN THE RELEASE OF FLAMMABLE MATERIALS.

## Physical/Chemical Properties

**HCC:**  
N1

**NRC/State LIC No:**  
N/R

**Net Prop WT For Ammo:**  
6

**Boiling Point:**

**B.P. Text:**  
N/R

**Melt /Freeze Pt:**

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

**Decomp Temp:**

**Decomp Text:**  
N/R

**Vapor Pres:**  
N/R

**Vapor Density:**  
N/R

**Volatile Org Content %:**

**Spec Gravity:**  
N/K

**VOC Pounds/Gallon:**

**PH:** N/R

**VOC Grams/Liter:**

**Viscosity:**  
N/R

**Evaporation Rate & Reference:**  
N/R

**Solubility in Water:**  
N/R

**Appearance and Odor:**  
COIN-SHAPED BATTERY-SILVER COLOR-NO ODOR.

**Percent Volatiles by Volume:**  
N/R

**Corrosion Rate:**  
N/P

## Reactivity Data

**Stability Indicator:**  
YES

**Stability Condition To Avoid:**  
DO NOT PACK,STORE OR SHIP UNPACKED BATTERIES TOGETHER. THIS COULD RESULT IN SHORTENING, HEAT BUILD UP IGNITION OF FLAM

**Materials To Avoid:**  
NOT APPLICABLE

**Hazardous Decomposition Products:**  
NOT APPLICABLE

**Hazardous Polymerization Indicator:**  
NO

**Conditions To Avoid Polymerization:**  
N/R

## 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