

# MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-112/112-36-7.html> for suppliers of this product.

## Composition/Information on Ingredient

**Cas:**  
112-36-7  
**Code:**  
M

**RTECS:**  
KN3160000  
**Code:**  
M

**Name:**  
BIS(2-ETHOXYETHYL), DIETHYL CARBITOL, DIETHYLENE

**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:**  
NOT NEEDED

**Ventilation:**  
LOCAL EXHAUST PREFERRED.

**Protective Gloves:**  
RUBBER 3

**Eye Protection:**  
GOGGLES

**Other Protective Equipment:**  
Equipment NONE

**Work Hygienic Practices:**  
N/R

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

## Health Hazards Data

**LD50LC50Mixture:**  
N/R

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

**Skin:**  
YES

**Ingestion:**  
YES

**Carcinogenicity Inds - NTP:**  
NO

**IARC:**  
NO

**OSHA:**  
NO

**Health Hazards Acute And Chronic:**  
MAY IRRITATE SKIN & EYES. AVOID CONTACT WITH SKIN & EYES. INGESTION: HARMFUL IF SWALLOWED.

**Explanation Of Carcinogenicity:**  
NONE

**Signs And Symptions Of Overexposure:**  
MAY IRRITATE SKIN & EYES. AVOID CONTACT WITH SKIN & EYES.

**Medical Cond Aggravated By Exposure:**  
2 N/R

**First Aid:**  
SKIN & EYES: FLUSH WITH PLENTY OF WATER FOR 15 MINS. INGESTION: DON'T INDUCE VOMITING. CALL PHYSICIAN.

**Spill Release Procedures:**  
REMOVE WITH ABSORBENT MATERIAL. FLUSH AREA WITH WATER.

**Neutralizing Agent:**  
N/R

**Waste Disposal Methods:**  
DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS.

**Handling And Storage Precautions:**  
NORMAL PRECAUTIONS AGAINST SPILLS OR SPLASH.

**Other Precautions:**  
FOR INDUSTRIAL USE ONLY.

## Fire and Explosion Hazard Information

**Flash Point Method:**  
TCC

**Flash Point:**

**Flash Point Text:**  
>200F

**Autoignition Temp:**

**Autoignition Temp Text:**  
N/A

**Lower Limits:**  
1.1%

**Upper Limits:**  
N/R

**Extinguishing Media:**  
NONE

**Fire Fighting Procedures:**  
NONE

**Unusual Fire/Explosion Hazard:**  
CLOSED CONTAINERS MAY EXPLODE DUE TO BUILD-UP OF STEAM PRESSURE WHEN EXPOSED TO EXTREME HEAT.

## Physical/Chemical Properties

**HCC:**

**NRC/State LIC No:**

**Net Prop WT For Ammo:**

**Boiling Point:**

**B.P. Text:**  
212F

**Melt /Freeze Pt:**

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

**Decomp Temp:**

**Decomp Text:**  
N/R

**Vapor Pres:**  
N/R

**Vapor Density:**  
>AIR

**Volatile Org Content %:**

**Spec Gravity:**  
N/R

**VOC Pounds/Gallon:**

**PH:** N/R

**VOC Grams/Liter:**

**Viscosity:**  
N/P

**Evaporation Rate & Reference:**  
SLOWER THAN ETHER

**Solubility in Water:**  
N/R

**Appearance and Odor:**  
N/R

**Percent Volatiles by Volume:**  
95.5%

**Corrosion Rate:**  
N/R

## Reactivity Data

**Stability Indicator:**  
YES

**Stability Condition To Avoid:**  
NONE

**Materials To Avoid:**  
NONE

**Hazardous Decomposition Products:**  
NONE

**Hazardous Polymerization Indicator:**  
NO

**Conditions To Avoid Polymerization:**  
NONE

## 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