

# MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-78/78-83-1.html> for suppliers of this product.

## Composition/Information on Ingredient

**Cas:**  
78-83-1  
**Code:**  
M

**RTECS:**  
NP9625000  
**Code:**  
M

**Name:**  
ISOBUTYL ALCOHOL (SARA III)

**Other REC Limits:**  
N/P

**OSHA PEL:**  
100 PPM  
**Code:**  
M

**OSHA STEL:**

**Code:**  
3

**ACGIH TLV:**  
50 PPM; 9293  
**Code:**  
M

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

## Control Measures

**Respiratory Protection:**  
OUTDOOR/OPEN AREAS,USE BUR OF MINES APPRVD MECH FILTR RESPIRATOR.

**Ventilation:**  
5 PROVD GEN DILUT OR LOC EXHAUST VENT IN VOL TO KEEP BLOW TLV

**Protective Gloves:**  
REQD F/REPEATED

**Eye Protection:**  
SAFETY EYEWEAR.

**Other Protective Equipment:**  
Equipment PREVNT PROLNG SKIN CONTACT TO CONTAMINATED CLOTHING.

**Work Hygienic Practices:**  
N/P

**Supplemental Safety and Health:**  
UNUS FIRE/EXPLOS:WHEN EXPOSED TO EXTREME HEAT. DO NOT APPLY TO VERY HOT SURFACES.

## Health Hazards Data

**LD50LC50Mixture:**  
N/P

**Route Of Entry Inds - Inhalation:**  
N/P

**Skin:**  
N/P

**Ingestion:**  
N/P

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

**IARC:**  
N/P

**OSHA:**  
N/P

**Health Hazards Acute And Chronic:**  
N/P

**Explanation Of Carcinogenicity:**  
N/P

**Signs And Symptons Of Overexposure:**  
INHAL:ANEST,IRRIT OR RESPIR TRACT OR ACUT NERV SYS DEPRESSION HDACH,DIZZ,CONFUSION,UNCONSCIOUS,COMA.

**Medical Cond Aggravated By Exposure:**  
N/P

**First Aid:**  
IN CASE OF CONTACT,FLUSH SKIN & EYES W/PLENTY OF WATER WHILE REMOVING CONTAMINATED CLOTHING IF INHALED, REMOV TO FRESH AIR.CALL A PHYSICIAN IF SYMPTOMS PERSIST.

**Spill Release Procedures:**  
REMOVE ALL SOURCES OF IGNITION(FLAMES,HOT SURFACES,& ELECTRICAL,STATIC,OR FRICTIONAL SPARKS).AVOID BREATHING VAPORS VENTILATE AREA.REMOVE W/INERT ABSORBENT & NON-SPARKING TOOLS.

**Neutralizing Agent:**  
N/P 4

**Waste Disposal Methods:**  
DISPOSE IN ACCORDANCE W/LOC,STATE,& FEDERAL REGULATIONS.INCINERATE IN APPRVD FACILITY. DO NOT INCINERATE CLOSED CONTAINERS.

**Handling And Storage Precautions:**  
DO NOT STORE ABOVE 120F.STAORE LG QUANTITIES IN BLDG DESIGNED TO COMPLY W/OSHA 1910.106.

**Other Precautions:**  
CONTNRS GROUNDED WHEN POURING.AVD FRE FALL OF LIQD IN EXCES OF A FEW INCHES.DO NOT FLAME CUY,BRAZE OR WELD COATED MATER W/O BUROF MINES APPRVD RESPIRATR OR APPROP VENT.AD LABL WARN.DO NOT TAK.

## Fire and Explosion Hazard Information

**Flash Point Method:**  
N/P

**Flash Point:**

**Flash Point Text:**  
13F TCC -11C

**Autoignition Temp:**

**Autoignition Temp Text:**  
N/A

**Lower Limits:**  
.90

**Upper Limits:**

**Extinguishing Media:**  
USE FIRE EXTING(CO\*2,DRY CHEM OR ALCOH FOAM)LG FIRE POLYMER

**Fire Fighting Procedures:**  
SELF-CONTAINED BREATH APPARATUS SHLD BE AVAIL F/FIREMEN.

**Unusual Fire/Explosion Hazard:**  
KEEP CONTNRS TIGHTLY CLOS.ISOLAT FR HEAT,ELECTR EQPMT,SPARKS & OPEN FLAME.CLOS CONTNRS MAY EXPLO(SUP

## Physical/Chemical Properties

**HCC:**  
F2

**NRC/State LIC No:**

**Net Prop WT For Ammo:**

**Boiling Point:**

**B.P. Text:**  
174-321F

**Melt /Freeze Pt:**

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

**Decomp Temp:**

**Decomp Text:**  
N/A

**Vapor Pres:**  
N/P

**Vapor Density:**  
HEAV

**Volatile Org Content %:**

**Spec Gravity:**  
N/P

**VOC Pounds/Gallon:**

**PH:** N/P

**VOC Grams/Liter:**

**Viscosity:**  
N/P

**Evaporation Rate & Reference:**  
SLOWER THAN ETHER 6

**Solubility in Water:**  
N/P

**Appearance and Odor:**

**Percent Volatiles by Volume:**  
75

**Corrosion Rate:**  
N/P

## Reactivity Data

**Stability Indicator:**  
YES

**Stability Condition To Avoid:**  
AVOID FIRES,HEAT,HOT SURFACES.

**Materials To Avoid:**  
N/P

**Hazardous Decomposition Products:**  
N/P

**Hazardous Polymerization Indicator:**  
NO

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

## 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