

# MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-74/74-98-6.html> for suppliers of this product.

## Composition/Information on Ingredient

**Cas:**  
74-98-6  
**Code:**  
M

**RTECS:**  
TX2275000  
**Code:**  
M

**Name:**  
PROPANE

**Other REC Limits:**  
N/P

**OSHA PEL:**  
1000 PPM  
**Code:**  
M

**OSHA STEL:**

**Code:**

**ACGIH TLV:**  
ASPHYXIAN; 9192  
**Code:**  
M

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

## Control Measures

**Respiratory Protection:**  
NIOSH/MSHA/MESA APPROVD SCBA 5

**Ventilation:**  
PROVIDE MECHAN(GEN/LOCAL EXHAUST)VENT TO MAINTN  
**Protective Gloves:**  
RUBBER/IF LIQ.

**Eye Protection:**  
CHEM SPLASH GOGGLES

**Other Protective Equipment:**  
Equipment SAFETY SHOWER EYE BATH

**Work Hygienic Practices:**  
N/P

**Supplemental Safety and Health:**  
MSDS DATE:10/7/85

## 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 Symptions Of Overexposure:**  
INHAL: ANESTHETIC EFFECTS; EYE/SKIN:(FOR LIQ. CNTCT)-MAY PRODUCE FREEZE BURNS.

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

**First Aid:**  
INHAL:REMOVE TO FRESH AIR & GIVE O\*2/CPR AS REQUIRED. -GET MEDICAL ATTN.: EYE: WASH W/CLEAR COOL TAP WATER FOR 15 MIN. & CONSULT DOCTOR. SKIN: WASH W/SOAP & WATER. IF IRRITATION DEVELOPS, GET MEDICAL ATTN.

**Spill Release Procedures:**  
SHUT OFF GAS SOURCE. SHUT OFF ANY IGNITION SOURCE. VENTILATE AREA. DISPERSE WITH WATER SPRAY. 4

**Neutralizing Agent:**  
N/P

**Waste Disposal Methods:**  
DISPOSE OF IAW LOCAL, STATE & FEDERAL REGULATIONS OR CONTACT AN APPROVED LICENSED DISPOSAL AGENCY.

**Handling And Storage Precautions:**  
PROTECT FROM IGNITION SOURCES. STORE IN COOL WELL-VENTILATED AREA.

**Other Precautions:**  
N/P

## Fire and Explosion Hazard Information

**Flash Point Method:**  
N/P

**Flash Point:**

**Flash Point Text:**  
<-100F/<-73.3

**Autoignition Temp:**

**Autoignition Temp Text:**  
N/R

**Lower Limits:**  
2.1

**Upper Limits:**  
9.5

**Extinguishing Media:**  
CO\*2, FOAM, DRY CHEM.

**Fire Fighting Procedures:**  
SHUT OFF GAS SOURCE IF POSSIBLE;COOL EXPSED CNTRS W/H\*20 SPY

**Unusual Fire/Explosion Hazard:**  
MIXT. HIGHLY FLAMM.;IF POSSIBLE LET BURN UNTIL GAS SOURCE IS SHUT OFF;SEVERE HAZARD NEAR FLAME/HEAT

## Physical/Chemical Properties

**HCC:**  
G2

**NRC/State LIC No:**

**Net Prop WT For Ammo:**

**Boiling Point:**

**B.P. Text:**  
-44F/-42.2C

**Melt/Freeze Pt:**

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

**Decomp Temp:**

**Decomp Text:**  
N/A

**Vapor Pres:**  
HI

**Vapor Density:**  
1.5

**Volatile Org Content %:**

**Spec Gravity:**  
0.5

**VOC Pounds/Gallon:**

**PH:** N/P

**VOC Grams/Liter:**

**Viscosity:**  
N/R 6

**Evaporation Rate & Reference:**  
(ETHYL ETHER=1),>1

**Solubility in Water:**  
NEGLEGIBLE

**Appearance and Odor:**  
LIQUIFIED GAS UNDER PRESSURE, COLORLESS, ODORLESS

**Percent Volatiles by Volume:**  
100.

**Corrosion Rate:**  
N/P

## Reactivity Data

**Stability Indicator:**  
YES

**Stability Condition To Avoid:**  
HIGH TEMPERATURES,IGNITION SOURCES

**Materials To Avoid:**  
OXIDIZERS, CORROSIVES, PEROXIDES

**Hazardous Decomposition Products:**  
CO\*2, CO

**Hazardous Polymerization Indicator:**  
NO

**Conditions To Avoid Polymerization:**  
WILL NOT POLYMERIZE

## 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