

## **PROPANE**

### **MSDS Number**

BHDDV

### **National Stock Number**

6830-00-261-7445

### **Product Name**

PROPANE

### **Manufacturer**

CONOCO INC

### **Product Identification**

Product ID:PROPANE  
MSDS Date:09/22/1988  
FSC:6830  
NIIN:00-261-7445  
MSDS Number: BHDDV

### **Responsible Party**

CONOCO INC  
600 N DAIRY ASHFORD RD RM 3012  
HOUSTON , TX 77210-4784  
US  
Emergency Phone: 208-522-1210  
Info Phone: 800-424-9300  
Preparer: R.E. CLAYTON  
Cage: 15445

### **Contractor**

CONOCO INC  
4784  
HOUSTON, TX 77210-4784  
US  
800-441-3637/800-424-9300(CHEMTREC)  
Cage: 15445

### **Ingredients**

PROPANE  
CAS: 74-98-6  
RTECS: TX2275000  
Fraction By Weight: 100%  
OSHA PEL1000 PPM  
ACGIH TLV: ASPHYXIAANT; 9192

### **Hazards**

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Effects of Overexposure:OVEREXPOSURE MAY CAUSE WEAKNESS, HEADACHE,  
NAUSEA, CONFUSION, BLURRED VISION, DROWSINESS, & OTHER NERVOUS  
SYSTEM EFFECTS; GREATER EXPOSURE MAY CAUSE DIZZINESSSLURRED SPEECH,  
FLUSHED FACE, UNCONSCIOUSNESS, OR CONVULSIONS. LARGE

CONCENTRATIONS CAN CAUSE ASPHYXIATION. CONTACT WITH LIQUIFIED GAS MAY CAUSE FROSTBITE.

## First Aid

First Aid:EYES: FLUSH IMMEDIATELY WITH PLENTY OF WATER FOR AT LEAST 15 MIN. SEEK MEDICAL ATTENTION. SKIN: REMOVE CONTAMINATED CLOTHING AS SOON AS POSSIBLE. WASH EXPOSED AREA WITH SOAP AND WATER. INHALATION: REMOVE INDIVIDUAL TO FRESH AIR. IF BREATHING STOPS, GIVE CPR AND SEEK MEDICAL ATTENTION.

## Fire Fighting

Flash Point Method:TCC  
Flash Point:APPRX -156F  
Autoignition Temp:Autoignition Temp Text:\*BELOW  
Lower Limits:2.2%  
Upper Limits:9.5%  
Extinguishing Media:IF GAS HAS IGNITED, DO NOT EXTINGUISH. STOP GAS FLOW.  
Fire Fighting Procedures:STOP FLOW OF GAS. USE WATER TO KEEP FIRE-EXPOSED CONTAINERS COOL. IF A LEAK OR SPILL HAS NOT IGNITED, USE WATER SPRAY TO DISPERSE THE GAS OR VAPOR.  
Unusual Fire/Explosion Hazard:PRODUCTS OF COMBUSTION MAY CONTAIN CARBON MONOXIDE, CARBON DIOXIDE, AND OTHER TOXIC MATERIALS. DO NOT ENTER CONFINED SPACE WITHOUT S.C.B.A.

## Accidental Release

Spill Release Procedures:EVACUATE ALL PERSONNEL DOWN-WIND OF VAPOR CLOUD. EXTINGUISH ALL IGNITION SOURCES.

## Handling

Handling and Storage Precautions:AVOID ALL IGNITION SOURCES. USE ADEQUATE VENTILATION. AVOID DAMAGE TO THE STORAGE CONTAINER OR ASSOCIATED VALVES AND PIPING.

## Exposure Controls

Respiratory Protection:PERSONNEL SHOULD NEVER ENTER HIGH CONCENTRATIONS EXCEPT FOR RESCUE. SELF-CONTAINED RESPIRATORY EQUIP SHOULD BE USED.  
Ventilation:STORAGE AND USE AREAS SHOULD BE VENTILATED. FANS OR BLOWERS SHOULD BE USED IN ENCLOSED AREAS.  
Protective Gloves:TO PREVENT FROSTBITE.  
Eye Protection:FACE SHIELD OR CHEMICAL GOGGLES  
Supplemental Safety and Health  
NK

## Chemical Properties

HCC:G2  
Boiling Pt:B.P. Text:F-54 TO -44  
Vapor Pres:\*SEE BELOW  
Vapor Density:1.56  
Spec Gravity:GAS  
Solubility in Water:INSOLUBLE  
Appearance and Odor:COLORLESS GAS; PROPANE SOLD FOR FUEL CONTAINS MERCAPTAN ODORANT

## Stability

Stability Indicator/Materials to Avoid:YES  
NK \*VAP PRES: (100F) APPROX. 10,000 OR 200 PSIA  
Stability Condition to Avoid:STRONG OXIDIZING MATERIALS  
Hazardous Decomposition Products:NORMAL COMBUSTION PRODUCES CARBON DIOXIDE; INCOMPLETE COMBUSTION CAN PRODUCE CARBON MONOXIDE.

## Disposal

Waste Disposal Methods:IF SPILLED, AS LIQUID, THIS PRODUCT WILL EVAPORATE COMPLETELY. VAPORS SHOULD BE DISPERSED MECHANICALLY IF POSSIBLE.

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