

## **PROPANE**

### **MSDS Number**

BHDDR

### **National Stock Number**

6830-00-261-7445

### **Product Name**

PROPANE

### **Manufacturer**

BUTANE INC

### **Product Identification**

Product ID:PROPANE  
MSDS Date:01/01/1987  
FSC:6830  
NIIN:00-261-7445  
MSDS Number: BHDDR

### **Responsible Party**

BUTANE, INC.  
2650 N. 35TH AVENUE  
PHOENIX , AZ 85009  
US  
Info Phone: 602-272-2344

Cage: AZTEC

### **Contractor**

BUTANE, INC.  
PHOENIX, AZ 85009  
US  
Cage: AZTEC

### **Ingredients**

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

### **Hazards**

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Effects of Overexposure:LIQUID CAN CAUSE FREEZE BURNS SIMILAR TO  
FROSTBITE IF CONTACT WITH SKIN OCCURS. LARGE CONCENTRATIONS OF  
VAPOR IN ATMOSPHERE CAN CAUSE ASPHYXIATION DUE TO  
OXYGENDISPLACEMENT. INHALATION OF SMALLER QUANTITIES OF VAPOR CAN  
CAUSE RESPIRATORYIRRITATION, DIZZINESS, NAUSEA OR DROWSINESS.

### **First Aid**

First Aid:MEDICAL ATTENTION MANDATORY. EYE CONTACT: FLUSH WITH WATER.  
SKIN CONTACT: IF FREEZE BURN OCCURS, REMOVE CONTAMINATED CLOTHES,  
ETC. IMMERSE BURNED AREA IN WARM WATER, NOT HOT. KEEP IMMERSED,

GET MEDICAL ATTENTION. INHALATION: REMOVE VICTIM TO FRESH AIR. IF VICTIM IS NOT BREATHING GIVE CPR, IF UNCONSCIOUS SEEK IMMEDIATE MEDICAL ATTENTION, IF BREATHING IS LABORED, GIVE SUPPLEMENTAL OXYGEN.

## Fire Fighting

Flash Point:-156F

Lower Limits:2.1%

Upper Limits:9.5%

Extinguishing Media: DRY CHEMICAL, FOAM OR CO2 FOR SMALL FIRES. STOP FLOW OF GAS FIRST.

Fire Fighting Procedures: EVACUATE AREA. NOTIFY FIRE DEPT. SHUT OFF SOURCE OF GAS, IF POSSIBLE. ALLOW FIRE TO BURN UNTIL GAS FLOW SHUT OFF. WATER COOL EXPOSED EQUIPMENT.

Unusual Fire/Explosion Hazard: PRODUCTS OF COMBUSTION MAY YIELD CARBON MONOXIDE. UNCONTROLLED VAPORS SPREAD RAPIDLY, ARE HEAVIER THAN AIR AND ARE EXTREMELY FLAMMABLE.

## Accidental Release

Spill Release Procedures: PRODUCT IS EXTREMELY FLAMMABLE. ELIMINATE ALL IGNITION SOURCES. EVACUATE AREA. IF POSSIBLE, REMOVE LEAKING CONTAINER TO SAFE AREA. STOP FLOW OF GAS OR ALLOW VAPOR TO DISPERSE IN SAFE AREA. USE WATER SPRAY TO HELP DILUTE VAPOR CONCENTRATION.

## Handling

Handling and Storage Precautions: STORE/USE WITH ADEQUATE VENTILATION. KEEP AWAY FROM HEAT AND IGNITION SOURCES. STORE CYLINDERS IN UPRIGHT POSITION. PROTECT FROM DAMAGE.

Other Precautions: DEEP CONTAINER VALVE CLOSED AND PLUGGED WHEN NOT IN USE. INSTALL PROTECTIVE CAPS WHEN CYLINDERS ARE NOT CONNECTED FOR USE.

## Exposure Controls

Respiratory Protection: USE A NIOSH-APPROVED RESPIRATOR IF AREA IS THOUGHT TO CONTAIN UNKNOWN CONCENTRATIONS OF GAS.

Ventilation: USE ADEQUATE VENTILATION TO MAINTAIN EXPOSURES BELOW RECOMMENDED LIMITS.

Protective Gloves: PROPANE RESISTANT GLOVES

Eye Protection: SAFETY GOGGLES OR SAFETY GLASSES

Supplemental Safety and Health

NK

## Chemical Properties

HCC: G2

Boiling Pt: B.P. Text: -44F

Vapor Pres: \*SEE BELOW

Vapor Density: 1.5

Spec Gravity: 0.507

Solubility in Water: INSOLUBLE

Appearance and Odor: COLORLESS LIQUEFIED PETROLEUM GAS. PROPANE SOLD FOR FUEL CONTAINS A FOUL SMELL.

Percent Volatiles by Volume: 100

## Stability

Stability Indicator/Materials to Avoid: YES

STRONG OXIDIZING AGENTS

Stability Condition to Avoid: NK \*VAP PRES: 208 PSIG (MAX) @ 100F

Hazardous Decomposition Products: INCOMPLETE COMBUSTION CAN CAUSE CARBON MONOXIDE.

## Disposal

Waste Disposal Methods: DISPOSE OF GAS ONLY BY CONTROLLED BURNING IN COMPLIANCE WITH LOCAL LAWS AND REGULATIONS.

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