

PROPANE

MSDS Number

BHLTK

National Stock Number

6830-00-935-1125

Product Name

PROPANE

Manufacturer

ALLIED CHEMICAL

Product Identification

Product ID:PROPANE
MSDS Date:06/01/1979
FSC:6830
NIIN:00-935-1125
MSDS Number: BHLTK

Responsible Party

ALLIED CHEMICAL
1 RIVER WAY
HOUSTON , TX 77001
Emergency Phone: (713) 960-7500
Info Phone: (713) 960-7569
Preparer: G. R. HOLT
Cage: 28789

Contractor

ALLIED CHEMICAL
HOUSTON, TX 77001
(713) 960-7569
Cage: 28789

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
Health Hazards Acute and Chronic:INHALATION: DIZZINESS TO ANESTHESIA &
RESPIRATORY ARREST. SKIN: CRYOGENIC EXPOSURE, SEVERE EXPOSURE MAY
CAUSE FROST BITE. EYES: MODERATE IRRITATION.
Explanation of Carcinogenicity:NONE
Effects of Overexposure:INHALATION: DIZZINESS TO ANESTHESIA &
RESPIRATORY ARREST. EYES: MODERATE IRRITATION.

First Aid

First Aid:INHALATION: REMOVE TO FRESH AIR. GUARD AGAINST SELF INJURY.

INGESTION: APPLY ARTIFICIAL RESPIRATION IF BREATHING HAS STOPPED.
CONSULT PHYSICIAN.

Fire Fighting

Flash Point Method:CC
Flash Point:-104.44C
Lower Limits:2.15%
Upper Limits:9.60%
Extinguishing Media:DON'T EXTINGUISH FLAME.
Fire Fighting Procedures:STOP FLOW OF GAS. USE WATER TO KEEP
FIRE-EXPOSED CONTAINERS COOL. USE WATER SPRAY TO DISPERSE UNIGNITED
GAS OR VAPOR.
Unusual Fire/Explosion Hazard:EXTREMELY FLAMMABLE. IF GAS HASN'T
IGNITED, LP-GAS LIQUID OR VAPOR MAY BE DISPERSED BY WATER SPRAY OR
FLOODING. WEAR SCBA & PROTECTIVE CLOTHING.

Accidental Release

Spill Release Procedures:SHUT OFF SUPPLY OF GAS. ELIMINATE SOURCES OF
IGNITION, VENTILATE AREA. DISPERSE WITH WATER SPRAY. IF LIQUID
ENTERS WATERWAY OR SEWERS NOTIFY LOCAL AUTHORITIES.

Handling

Handling and Storage Precautions:STORE IN COOL, WELL-VENTILATED AREA,
OF NONCOMBUSTIBLE CONSTRUCTION, AWAY FROM POSSIBLE SOURCES OF
IGNITION. FLAMMABLE GAS.
Other Precautions:USE EXPLOSION PROOF METERS & ELIMINATE ALL SOURCES OF
IGNITION. DUE TO HIGH VOLATILITY RAPID EVAPORATION WILL OCCUR &
USUALLY NO OTHER DISPOSAL METHOD IS REQUIRED.

Exposure Controls

Respiratory Protection:NORMALLY NOT REQUIRED
Ventilation:GENERAL EXHAUST, USING EXPLOSION-PROOF EQUIPMENT.
Protective Gloves:PROTECTIVE CRYOGENIC
Eye Protection:NORMALLY NOT REQUIRED
Work Hygienic Practices:ALL FITTINGS & JOINTS SHOULD BE PAINTED W/SOAP
SOLUTION TO DETECT LEAKS. NEVER USE A FLAME TO DETECT LEAKS.
Supplemental Safety and Health

Chemical Properties

Boiling Pt:B.P. Text:-42.02C
Melt/Freeze Pt:M.P/F.P Text:-189.9C
Vapor Pres:6309
Vapor Density:1.52
Spec Gravity:0.59
Solubility in Water:NEGLIGIBLE
Appearance and Odor:COLORLESS, ODORLESS
Percent Volatiles by Volume:100%

Stability

Stability Indicator/Materials to Avoid:YES
OXYGEN, CHLORINE, COMBUSTIBLE, ORGANIC & OXIDIZING MATERIALS.
Stability Condition to Avoid:HEAT, IGNITION SOURCES, FLAMES & SPARKS
Hazardous Decomposition Products:NONE

Disposal

Waste Disposal Methods:CONTROLLED FLARING. STORAGE CONDITIONS SHOULD
COMPLY WITH LOCAL, STATE & FEDERAL REGULATORS. CYLINDER CONTENTS
CAN BE DETERMINED BY WEIGHT ONLY. PRESSURE DOESN'T INDICATE
CONTENTS.

Disclaimer (provided with this information by the compiling agencies):
This information is formulated for use by elements of the Department
of Defense. The United States of America in no manner whatsoever,
expressly or implied, warrants this information to be accurate and
disclaims all liability for its use. Any person utilizing this
document should seek competent professional advice to verify and
assume responsibility for the suitability of this information to their

particular situation.