

PROPANE

MSDS Number

BHDDY

National Stock Number

6830-00-261-7447

Product Name

PROPANE

Manufacturer

UNION CARBIDE CORP LINDE DIV

Product Identification

Product ID:PROPANE
MSDS Date:08/01/1985
FSC:6830
NIIN:00-261-7447
MSDS Number: BHDDY

Responsible Party

UNION CARBIDE CORP LINDE DIV
39 OLD RIDGEBURY RD
DANBURY , CT 06817-0001
US

Emergency Phone: 304-744-3487

Info Phone: 304-744-3487

Cage: 36346

Contractor

UNION CARBIDE CORP LINDE DIV
DANBURY, CT 06817-0001
US
800-822-4357; 304-744-3487
Cage: 36346

Ingredients

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

Hazards

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Health Hazards Acute and Chronic:NO EVIDENCE OF ADVERSE EFFECTS FROM AVAILABLE INFORMATION
Effects of Overexposure:INHAL:ASPHYXIAN. MODERATE CONCENTRATIONS MAY CAUSE HDACHES,DROWSINESS,DIZZINESSEXCITATION,EXCESS SALIVATION,VOMITING,& UNCONSCIOUSNESS.LACK OF OXYGEN CAN CAUSEDEATH.INGST:THIS PRODUCT IS A GAS AT NOR MAL TEMPERATURE/PRESSURE. SKIN/EYE: LIQ.MAY CAUSE FROSTBITE. NO HARMFUL EFFECT EXPECTED FROM VAPOR.

Medical Cond Aggravated by Exposure:OVEREXPOSURE IS UNLIKELY TO AGGRAVATE EXISTING MEDICAL CONDITIONS.

First Aid

First Aid:INHAL:REMOVE TO FRESH AIR. GIVE ARTIFICIAL RESPIRATION IF NOT BREATHING. GIVE OXYGEN IF BREATHING IS DIFFICULT. CALL A PHYSICIAN. SKIN:IMMEDIATELY WARM FROST-BITE AREA W/WARM WATER(NOT TO EXCEED 105 F). IN CASE OF MASSIVE EXPOSURE REMOVECLOTHING W/SHOWERING. EYES: FLUSH IMMEDIATELY WITH WATER FOR 15 MINUTES. CALL A PHYSICIAN IMMEDIATELY.

Fire Fighting

Flash Point Method:TCC
Flash Point:-156F/-104C
Autoignition Temp:Autoignition Temp Text:**
Lower Limits:9.5
Upper Limits:2.1
Extinguishing Media:CO2, DRY CHEMICAL, WATER SPRAY OR FOG
Fire Fighting Procedures:EVACUATE PERSONNEL FROM DANGER AREA.REMOVE IGNITION SOURCES IF W/O RISK. ALLOW FIRE TO BURN OUT. IMMEDIATELY COOL CONTNR W/WTR SPRAY FROM MAXIMUM DISTANCE.
Unusual Fire/Explosion Hazard:DONOT EXTINGUISH FLAMES DUE TO POSSIBLE REIGNITION. CONTAINER MAY RUPTURE DUE TOHEAT OF FIRE. STOP FLOW OF GAS IF W/O RISK WHILE COOLING WITH WATER SPRAY.

Accidental Release

Spill Release Procedures:REMOVE ALL SOURCES OF IGNITION IF W/O RISK. REDUCEVAPORS W/FOG OR FINE WTR SPRAY.SHUTOFF LEAK IF W/ORISK. EVACUATE ALL PERSONNEL. USE S.C.B.A. VENTILATE AREA OF LEAK/MOVE LEAKING CONTAINER TO WELL VENTILATED AREA.

Handling

Handling and Storage Precautions:NEVER WORK ON A PRESSURIZED SYSTEM. IF THERE IS A LEAK CLOSE CYLINDER VALVE, BLOW DOWN SYSTEM BY VENTING TO A SAFE PLACE,THEN REPAIR THE LEAK.
Other Precautions:FLAMMABLE VAPORS MAY SPREAD FROM THE SPILL. NO PART OF CONTAINER SHOULD BE SUB- JECTED TO A TEMPERATURE HIGHER THAN 125F(52C). BEFORE ENTERING AREA, ESPECIALLY CONFINED AREAS, CHECK ATMOSPHERE WITH A PPROPRIATE DEVICE.

Exposure Controls

Respiratory Protection:SELECT IN ACCORDANCE WITH OSHA 29 CFR 1910.134. RESPIRATORS SHALL BE ACCEPTABLE TO MSHA AND NIOSH.
Ventilation:LOCAL EXHAUST: EXPLOSION PROOF SYSTEM IS ACCEPTABLE
SPECIAL: USE IN CLOSED SYSTEM
Protective Gloves:PREFERRED FOR HANDLING/PREVETN EXPOSURE
Eye Protection:ACCORDANCE W/OSHA 29 CFR 1910.133
Other Protective Equipment:METATARSAL SHOES, PROTECTIVE CLOTHING WHERE NEEDED.
Supplemental Safety and Health
NK

Chemical Properties

HCC:G2
Boiling Pt:B.P. Text:**SEE BELOW
Vapor Pres:109 PSIG
Vapor Density:1.55 @ 20C
Spec Gravity:0.5077 @ 25C
Evaporation Rate & Reference:HIGH
Solubility in Water:NEGLIGIBLE
Appearance and Odor:COLORLESS GAS AT NORMAL TEMPERATURE AND PRESSURE; FAINTLY DISAGREEABLE ODOR.
Percent Volatiles by Volume:100

Stability

Stability Indicator/Materials to Avoid:YES
OXIDIZING AGENTS, CHLORINE DIOXIDE

Stability Condition to Avoid:KEEP AWAY FORM HEAT, SPARKS, AND FLAMES.
Hazardous Decomposition Products:THERMAL DECOMPOSITION OR BURNING MAY
PRODUCE CO/CO2

Disposal

Waste Disposal Methods:PREVENT WASTE FROM CONTAMINATING SURROUNDING
AREA.DISCARD ANY PRODUCT, RESIDUE,DISPOSABLE CONTAINER OR LINER IN
FULL COMPLIANCE W/FEDERAL,STATE,LOCAL REGULATIONS. KEEP PERSONNEL
AWAY.

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