

PROPANE

MSDS Number

BHDDQ

National Stock Number

6830-00-261-7445

Product Name

PROPANE

Manufacturer

ARCO OIL AND GAS CO

Product Identification

Product ID:PROPANE
MSDS Date:05/27/1987
FSC:6830
NIIN:00-261-7445
MSDS Number: BHDDQ

Responsible Party

ARCO OIL AND GAS CO

1601 BYRAN

DALLAS , TX 75201

US

Emergency Phone: 214-880-4698 OR 800-424-9300 CHEMTR

Info Phone: 214-880-4698 OR 800-424-9300 CHEMTR

Cage: ARCO1

Contractor

ARCO OIL AND GAS CO

DALLAS, TX 75201

US

214-880-4698 OR 800-424-9300 CHEMTR

Cage: ARCO1

Ingredients

PROPANE

CAS: 74-98-6

RTECS: TX2275000

OSHA PEL1000 PPM

ACGIH TLV: ASPHYXIAN; 9192

Hazards

Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:PERSONNEL WITH PRE-EXISTING CHRONIC
RESPIRATORY DISEASES SHOULD AVOID EXPOSURE TO THIS MATERIAL.
Effects of Overexposure:RAPID BREATHING, HEADACHE, DIZZINESS, VISUAL
DISTURBANCES, MUSCULAR WEAKNESS, TREMORS, NARCOSIS,
UNCONSCIOUSNESS AND DEATH.
Medical Cond Aggravated by Exposure:CHRONIC RESPIRATORY DISEASES.

First Aid

First Aid:REMOVE FROM CONTAMINATED AREA TO FRESH AIR FOR RESPIRATORY

DISTRESS. GIVE AIR, OXYGEN, CPR. KEEP PATIENT QUIET AND WARM UNTIL MEDICAL CARE IS OBTAINED.

Fire Fighting

Flash Point:(EST.) -160F
Lower Limits:9.5
Upper Limits:2.0
Extinguishing Media:DRY CHEMICAL, CO2, HALOGENATED EXTINGUISHING METHOD
Fire Fighting Procedures:GAS FIRES SHOULD NOT BE EXTINGUISHED UNLESS GAS FLOW CAN BE STOPPED IMMEDIATELY.SHUT OFF GAS SOURCE & ALLOW TO BURN ITSELF OUT.COOL EXPOSED SURFACES WITH WATER.
Unusual Fire/Explosion Hazard:CONTROL FIRE UNTIL GAS SUPPLY CAN BE SHUT OFF. FIREMEN MUST USE S.C.B.A. TO PROTECT AGAINST HAZARDOUS COMBUSTION PRODUCTS & OXYGEN DEFICIENCIES.

Accidental Release

Spill Release Procedures:ELIMINATE SOURCES OF IGNITION. EVACUATE ALL NON- ESSENTIAL PERSONNEL TO AN AREA UPWIND. STOP SOURCE IF RELEASE WITH NON-SPARKING TOOLS BEFORE PUTTING OUT ANY FIRE. VENTILATE EXPOSED AREAS TO PREVENT FORMATION OF FLAMMABLE ATMOSPHERE.

Handling

Handling and Storage Precautions:USE OF RED FLAMMABLE GAS LABEL. CONTACT SUPPLIER IF CYLINDER IS FOUND TO BE IN POOR CONDITION; USE OF PRESSURE REGULATOR WHEN CONNECTING PIPING SYS.
Other Precautions:USE OF CHECK VALVE TO PREVENT BACK-FLOW INTO STORAGE CONTAINER. CHAIN CYLINDERS WHEN NOT IN USE.

Exposure Controls

Respiratory Protection:USE ONLY NIOSH/MSHA-APPROVED SELF-CONTAINED BREATHING APPARATUS.
Ventilation:LOCAL EXHAUST TO PREVENT ACCUMULATION OF EXPLOSIVE MIXTURES.
Protective Gloves:USE INSULATED, IMPERVIOUS PLASTIC CANVAS
Eye Protection:CHEMICAL-TYPE GOGGLES & FACE SHIELD
Work Hygienic Practices:EMERGENCY EYE-WASH FOUNTAINS AND SAFETY SHOWERS.
Supplemental Safety and Health
NK

Chemical Properties

HCC:G2
Boiling Pt:B.P. Text:-43F
Vapor Pres:*SEE BELOW
Vapor Density:1.5
Spec Gravity:0.51
Solubility in Water:MODERATE
Appearance and Odor:COLORLESS LIQUID/INVISIBLE VAPOR; FAINT, GASSY ODOR

Stability

Stability Indicator/Materials to Avoid:YES
STRONG ACIDS, ALKALIES, OXIDIZERS SUCH AS CHLORINE (GAS OR LIQUID) AND OXYGEN.
Stability Condition to Avoid:AVOID HEAT, SPARKS AND OPEN FLAMES.
Hazardous Decomposition Products:COMBUSTION MAY PRODUCE CARBON MONOXIDE & OTHER HARMFUL GASES*VAP PRES:(PSIA AT 100F) 188
Conditions to Avoid Polymerization:HEAT, SPARKS, AND OPEN FLAMES

Disposal

Waste Disposal Methods:WASTE MIXTURES SHOULD NOT BE ALLOWED TO ENTER DRAINS OR SEWERS-DANGER OF VAPORS IGNITING.DISPOSE OF GAS AS VAPOR (AUX. FUEL OR IN AN INCINERATOR).

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