

ISOBUTANE

MSDS Number

BBDVQ

National Stock Number

6830-00D001089

Product Name

ISOBUTANE

Manufacturer

UNION CARBIDE CORP LINDE DIV

Product Identification

Product ID: ISOBUTANE
MSDS Date: 01/01/1987
FSC: 6830
NIIN: 00D001089
MSDS Number: BBDVQ

Responsible Party

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

Emergency 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

ISOBUTANE, CAS 75-28-5
RTECS: TZ4320000
Fraction By Weight: 100%
ACGIH TLV: ASPHYXIA NT

Hazards

Effects of Overexposure: ASPHYXIATION, ANESTHESIA. LIQUID MAY FREEZE SKIN.

First Aid

First Aid: REMOVE TO FRESH AIR, GIVE ART RESP OR O*2. TREAT FROZEN SKN FOR FROSTBITE: REWARM AFFECTED AREA W/WATER 104-108F UNTIL SKN BECOMES FLUSHED.

Fire Fighting

Flash Point: -117F/-83C CC
Lower Limits: 1.8
Upper Limits: 8.4
Extinguishing Media: CO*2, DRY CHEM, WATER SPRAY, FOG

Fire Fighting Procedures:USE SCBA PP MODE.COOL CONTRS W/WATER SPRAY.
Unusual Fire/Explosion Hazard:DO NOT EXTING FLAMES,VAPORS MAY
REIGNITE.UNBURNED GAS MAY REIGNITE,MIGRATE TO LOW AREAS,ETC.

Accidental Release

Spill Release Procedures:FLAMMABLE GAS! USE SCBA PP MODE, NON-SPARK
TOOLS. EVACUATE AREA, VENTILATE, REMOVE IGNITION SOURCES, STOP OR
SHUT OFF LEAK. VAPORS HEAVIER THAN AIR, MAY MIGRATE TO IGNITION
SOURCE.

Handling

Handling and Storage Precautions:FLAMMABLE GAS:STORE IN COOL, DRY AREA
BELOW 120F. AVOID EXCESS HEAT & IGNITION SOURCES. VENTILATE WORK
AREA. GROUND ALL EQUIP. USE NON-SPARK TOOLS.
Other Precautions:DO NOT INHALE OR INGEST. AVOID EYE,SKIN CONTACT.

Exposure Controls

Respiratory Protection:USE SCBA PP MODE.
Ventilation:LOCAL VENTILATION, EXPL PROOF.
Protective Gloves:NEOPRENE
Eye Protection:FF SHIELD,SAFETY GLASSES
Other Protective Equipment:PROTECTIVE CLOTHING, STEEL TOED SHOES FOR
CYL HANDLING.
Supplemental Safety and Health
MSDS #F-4613,UNDATED,NON-STD,RECD 20JUN86.

Chemical Properties

HCC:G2
Boiling Pt:B.P. Text:11F/-12C
Vapor Pres:GAS
Vapor Density:2.01
Spec Gravity:0.56
Evaporation Rate & Reference:HIGH (BUAC=1)
Solubility in Water:NEG.
Appearance and Odor:COLORLESS GAS, FAINT SWEET HC ODOR
Percent Volatiles by Volume:100.

Stability

Stability Indicator/Materials to Avoid:YES
OXIDIZERS
Stability Condition to Avoid:EXCESS HEAT,IGNITION SOURCES
Hazardous Decomposition Products:CARBON OXIDES

Disposal

Waste Disposal Methods:BURN OFF EXCESS OR WASTE MATERIAL IAW ALL LAWS &
REGS.

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