

BUTANE

MSDS Number

BGTLR

National Stock Number

6830-00B020058

Product Name

BUTANE

Manufacturer

BELCHER COMPANY

Product Identification

Product ID: BUTANE

MSDS Date: 10/01/1985

FSC: 6830

NIIN: 00B020058

MSDS Number: BGTLR

Responsible Party

BELCHER COMPANY

9 GREENWAY PLAZA

HOUSTON , TX 77046

US

Emergency Phone: 713-877-1400

Info Phone: 713-877-1400

Preparer: DELNO MALZAHN, CIH

Cage: 00033

Contractor

BELCHER COMPANY

HOUSTON, TX 77046

US

713-877-1400

Cage: 00033

Ingredients

BUTANE

CAS: 106-97-8

RTECS: EJ4200000

Fraction By Weight: 100%

OSHA PEL 800 PPM

ACGIH TLV: 800 PPM; 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: SKIN-CONTACT WITH GAS MAY CAUSE FROSTBITE (LIQUIFIED GAS). MAY CAUSE SLIGHT EYE

IRRITATION. INHALATION CAUSES DROWSINESS, EXCITATION OR

UNCONSCIOUSNESS DUE TO ANESTHETIC AND ASPHYXIATION PROPERTIES OF THIS GAS.

Effects of Overexposure: MAY CAUSE DIZZINESS, EXCITATION OR

UNCONSCIOUSNESS IF INHALED.

First Aid

First Aid:EYES-IMMEDIATELY FLUSH EYES WITH TEPID WATER. SKIN-PROMPTLY FLUSH WITH TEPID WATER. IF FREEZE BURNS HAVE OCCURRED,APPLY BULKY,DRY,STERILE BANDAGE TO PROTECT AREA. INHALATION-REMOVE TO FRESH AIR. APPLY ARTIFICIAL RESPIRATION IF NOT BREATHING. GET MEDICAL ATTENTION FOR ALL OF THE PRECEDING SITUATIONS.

Fire Fighting

Flash Point:-76F

Lower Limits:1.9

Upper Limits:8.5

Extinguishing Media:DRY CHEMICAL,FOAM,CARBON DIOXIDE.

Fire Fighting Procedures:FIRE FIGHTERS SHOULD WEAR SELF-CONTAINED BREATHING APPARATUS AND FULL PPE. DO NOT COMPLETELY EXTINGUISH FLAME UNLESS GAS FLOW IS SHUT OFF.

Unusual Fire/Explosion Hazard:VAPORS MAY FLOW ON SURFACES FOR CONSIDERABLE DISTANCES,REACH IGNITION SOURCE AND FLASHBACK. DANGEROUS FIRE/EXPLOSION HAZARD WHEN MIXED WITH AIR.

Accidental Release

Spill Release Procedures:REMOVE SOURCES OF HEAT OR IGNITION,INCLUDING INTERNAL COMBUSTION ENGINES AND POWER TOOLS. STOP GAS FLOW. KEEP PEOPLE AWAY. STAY UPWIND AND WARN PEOPLE OF POSSIBLE EXPLOSION. WEAR SELF-CONTAINED BREATHING APPARATUS IF CONDITION WARRANTS.

Handling

Handling and Storage Precautions:FLAMMABLE GAS.

Exposure Controls

Respiratory Protection:SELF-CONTAINED BREATHING APPARATUS SHOULD BE AVAILABLE FOR NON-ROUTINE AND EMERGENCY USE.

Ventilation:PROVIDE ADEQUATE VENTILATION WHERE THIS PRODUCT IS USED TO MEET TLV REQUIREMENTS AND KEEP AIR CONCENTRATION BELOW 25%LEL

Protective Gloves:YES.

Eye Protection:CHEMICAL GOGGLES OR FACE SHIELDS.

Other Protective Equipment:PROTECTIVE CLOTHING WHERE CONTACT WITH LIQUID PROPANE IS POSSIBLE.

Supplemental Safety and Health

Chemical Properties

Boiling Pt:B.P. Text:31F

Melt/Freeze Pt:M.P/F.P Text:-217F

Vapor Pres:2 ATMOSPHE

Vapor Density:2.0 AIR=1

Spec Gravity:0.6012

Solubility in Water:VERY SOLUBLE

Appearance and Odor:GAS

Percent Volatiles by Volume:100

Stability

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS,HEAT,FLAME AND BUILD-UP OF STATIC ELECTRICITY.

Hazardous Decomposition Products:CO AND CO2.

Disposal

Waste Disposal Methods:DISPOSE THROUGH A LICENSED WASTE DISPOSAL COMPANY. FOLLOW FEDERAL,STATE AND LOCAL REGULATIONS.

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.