

MATERIAL SAFETY DATA SHEET

For R&D use only. Not for drug, household or other uses.

Click <http://www.lookchem.com/cas-106/106-97-8.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:
106-97-8
Code:
M

RTECS:
EJ4200000
Code:
M

Name:
BUTANE

Other REC Limits:
N/P

OSHA PEL:
800 PPM
Code:
M

OSHA STEL:

Code:

ACGIH TLV:
800 PPM; 9192
Code:
M

ACGIHSTEL:
N/P
Code:

Control Measures

Respiratory Protection:
NIOSH/MSHA/MESA APPROVD SCBA 5

Ventilation:
PROVIDE MECHAN(GEN/LOCAL EXHAUST)VENT TO MAINTN

Protective Gloves:
RUBBER/IF LIQ.

Eye Protection:
CHEM SPLASH GOGGLES

Other Protective Equipment:
Equipment SAFETY SHOWER EYE BATH

Work Hygienic Practices:
N/P

Supplemental Safety and Health:
MSDS DATE:10/7/85

Health Hazards Data

LD50LC50Mixture:
N/P

Route Of Entry Inds - Inhalation:
N/P

Skin:
N/P

Ingestion:
N/P

Carcinogenicity Inds - NTP:
N/P

IARC:
N/P

OSHA:
N/P

Health Hazards Acute And Chronic:
N/P

Explanation Of Carcinogenicity:
N/P

Signs And Symptions Of Overexposure:
INHAL: ANESTHETIC EFFECTS; EYE/SKIN:(FOR LIQ. CNTCT)-MAY PRODUCE FREEZE BURNS.

Medical Cond Aggravated By Exposure:
N/P

First Aid:
INHAL:REMOVE TO FRESH AIR & GIVE O*2/CPR AS REQUIRED. -GET MEDICAL ATTN.: EYE: WASH W/CLEAR COOL TAP WATER FOR 15 MIN. & CONSULT DOCTOR. SKIN: WASH W/SOAP & WATER. IF IRRITATION DEVELOPS, GET MEDICAL ATTN.

Spill Release Procedures:
SHUT OFF GAS SOURCE. SHUT OFF ANY IGNITION SOURCE. VENTILATE AREA. DISPERSE WITH WATER SPRAY. 4

Neutralizing Agent:
N/P

Waste Disposal Methods:
DISPOSE OF IAW LOCAL, STATE & FEDERAL REGULATIONS OR CONTACT AN APPROVED LICENSED DISPOSAL AGENCY.

Handling And Storage Precautions:
PROTECT FROM IGNITION SOURCES. STORE IN COOL WELL-VENTILATED AREA.

Other Precautions:
N/P

Fire and Explosion Hazard Information

Flash Point Method:
N/P

Flash Point:

Flash Point Text:
<-100F/<-73.3

Autoignition Temp:

Autoignition Temp Text:
N/R

Lower Limits:
2.1

Upper Limits:
9.5

Extinguishing Media:
CO*2, FOAM, DRY CHEM.

Fire Fighting Procedures:
SHUT OFF GAS SOURCE IF POSSIBLE;COOL EXPSED CNTRS W/H*20 SPY

Unusual Fire/Explosion Hazard:
MIXT. HIGHLY FLAMM.;IF POSSIBLE LET BURN UNTIL GAS SOURCE IS SHUT OFF;SEVERE HAZARD NEAR FLAME/HEAT

Physical/Chemical Properties

HCC:
G2

NRC/State LIC No:

Net Prop WT For Ammo:

Boiling Point:

B.P. Text:
-44F/-42.2C

Melt/Freeze Pt:

M.P/F.P Text:
N/A

Decomp Temp:

Decomp Text:
N/A

Vapor Pres:
HI

Vapor Density:
1.5

Volatile Org Content %:

Spec Gravity:
0.5

VOC Pounds/Gallon:

PH: N/P

VOC Grams/Liter:

Viscosity:
N/R 6

Evaporation Rate & Reference:
(ETHYL ETHER=1),>1

Solubility in Water:
NEGLEGIBLE

Appearance and Odor:
LIQUIFIED GAS UNDER PRESSURE, COLORLESS, ODORLESS

Percent Volatiles by Volume:
100.

Corrosion Rate:
N/P

Reactivity Data

Stability Indicator:
YES

Stability Condition To Avoid:
HIGH TEMPERATURES,IGNITION SOURCES

Materials To Avoid:
OXIDIZERS, CORROSIVES, PEROXIDES

Hazardous Decomposition Products:
CO*2, CO

Hazardous Polymerization Indicator:
NO

Conditions To Avoid Polymerization:
WILL NOT POLYMERIZE

Toxicological Information

Information:N/P

MSDS Transport Information

Information:N/P

Regulatory Information

Sara Title III Information: N/P

Federal Regulatory Information: N/P

State Regulatory Information: N/P

Other Information

Other Information:N/P