

GAS CO OF NEW MEXICO -- NATURAL GAS -- 6830-01-318-5797

===== Product Identification =====

Product ID:NATURAL GAS
MSDS Date:06/09/1986
FSC:6830
NIIN:01-318-5797
MSDS Number: BSDBR
=== Responsible Party ===
Company Name:GAS CO OF NEW MEXICO
Address:1108 CUBA AVE
Box:L
City:ALAMOGORDO
State:NM
ZIP:88310
Country:US
Info Phone Num:505-888-8364
Emergency Phone Num:505-888-8364
Preparer's Name:RICH GUFF
EY
CAGE:0CEX1
=== Contractor Identification ===
Company Name:GAS CO OF NEW MEXICO
Address:1108 CUBA AVE
Box:City:ALAMOGORDO
State:NM
ZIP:88310
Country:US
Phone:505-888-8364
CAGE:0CEX1

===== Composition/Information on Ingredients =====

Ingred Name:METHANE
CAS:74-82-8
RTECS #:PA1490000
Fraction by Wt: 94.1%
Other REC Limits:NONE RECOMMENDED
ACGIH TLV:ASPHYXIAN; 9293

Ingred Name:ETHANE
CAS:74-84-0
RTECS #:KH3800000
Fraction by Wt: 3.1%
Other REC Limits:NONE RECOMMENDED
ACGIH T

LV:ASPHYXIAN 9293

Ingred Name:N-BUTANE

CAS:106-97-8

RTECS #:EJ4200000

Fraction by Wt: 0.2%

Other REC Limits:NONE RECOMMENDED

Ingred Name:PROPANE

CAS:74-98-6

RTECS #:TX2275000

Fraction by Wt: 0.8%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:1000 PPM

ACGIH TLV:ASPHYXIAN; 9293

Ingred Name:ALKYL MERCAPTANS

Fraction by Wt: 0.01%

Other REC Limits:NONE RECOMMENDED

Ingred Name:ISO-BUTANE

CAS:75-28-5

RTECS #:TZ4300000

Fraction by Wt: 0.2%

Other REC Limits:NONE RECOMMENDED

Ingred Name:ISOPENTANE

CAS

:78-78-4

RTECS #:EK4430000

Fraction by Wt: 0.1%

Other REC Limits:NONE RECOMMENDED

Ingred Name:N-PENTANE (PENTANE)

CAS:109-66-0

RTECS #:RZ9450000

Fraction by Wt: 0.1%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:120 PPM

Ingred Name:CARBON DIOXIDE

CAS:124-38-9

RTECS #:FF6400000

Fraction by Wt: 3%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:10000PPM/30000STEL

ACGIH TLV:5000PPM/30000STEL;93

Ingred Name:NITROGEN

CAS:7727-37-9

RTECS #:QW9700000

Fraction by Wt: 2%

Other REC Limits:NONE RECOMMENDED

ACGI

===== Hazards Identification =====

Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:ACUTE: INHALATION IS THE MAJOR AND
POSSIBLY ONLY ROUTE OF ENTRY INTO THE BODY. IT IS CONSIDERED A
SIMPLE ASPHYXIAN. SKIN CONTACT WITH LIQUID MAY CAUSE FREEZE
BURNS. CHRONIC: NONE SPECIFIED BY MANUFACTURER.
Explanation of Carcinogenicity:NO INGREDIENT
OF A CONCENTRATION OF 0.1%
OR GREATER IS LISTED AS A CARCINOGEN OR SUSPECTED CARCINOGEN.
Effects of Overexposure:DIZZINESS, CYANOSIS, DIMINISHED MENTAL
CAPACITY, COLLAPSE, LOSS OF CONSCIOUSNESS, AND/OR DEATH. CONTACT
WITH LIQUID CAN PRODUCE FREEZE BURNS.
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

===== First Aid Measures =====

First Aid:INHALATION: REMOVE TO FRESH AIR. QUICKLY RESTORE AND/OR
SUPPORT BREATHING AS REQUIRED; GIVE ARTIFICIAL RESPIRATION
IMMEDIATELY. ADMINISTER OXYGEN IF AVAILABLE. SKIN: WARM INJURED
AREA; TREAT AS FROSTBITE. GET IMMEDIATE MEDICAL ATTENTION.

===== Fire Fighting Measures =====

Flash Point:-306F,-188C
Lower Limits:3.6%
Upper Limits:17%
Extinguishing Media:CARBON DIOXIDE OR DRY CHEMICAL. STOP FLOW OF GAS
BEFORE EXTINGUISHING.
Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS AND
FULL PROTECTIVE GEAR. USE WATER SPRAY TO COOL FIRE EXPOSED
CONTAINERS AND SURROUNDINGS.
Unusual Fire/Explosion Hazard:EXTREMELY FLAMMABLE AND READILY FORMS
EXPLOSIVE MIXTURES WITH AIR. IN PRESENCE OF CATALYST OR SOURCES OF
IGNITION, VIOLENT OR EXPLOSIVE REACTIONS W/OXIDIZERS.

===== Accidental Release Measures =====

Spill Release Procedures:NOTIFY SAFETY PERSONNEL; EVACUATE AREA.
VENTILATE AREA. ELIMINATE ALL SOURCES OF IGNITION. SHUT OFF LEAK.
TEST ATMOSPHERE PRIOR TO ENTRY. CHECK

FOR LEAKS USING SOAPY WATER.
WEAR PROPER RESPIRATORY PROTECTION.
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

===== Handling and Storage =====

Handling and Storage Precautions:GROUND ALL LINES AND EQUIPMENT USED
AROUND OR ON NATURAL GAS TO PREVENT SPARKS. USE NON-SPARKING
TOOLS. NO SMOKING.
Other Precautions:19% OXYGEN CONTENT REQUIRED FOR OPERATIONS WITHOUT
SCBA; USE OF SCBA REQUIRED IF BELOW 19% OXYGEN CONTENT.

===== Exposure Controls/Personal Protection =====

Respiratory Protection:USE NIOSH/MSHA APPROVED SELF-CONTAINED
BREATHING APPARATUS IF OXYGEN CONTENT BELOW 19%. USE IN ACCORDANCE
WITH 29 CFR 1910.134.
Ventilation:PROVIDE ADEQUATE DILUTION VENTILATION TO PREVENT AIR
CONCENTRATIONS FROM REACHING 25% OF LEL OR THE TLV.
Protective Gloves:RUBBER, NEOPRENE
Eye Protection:FACE SHIELD
Other Protective Equipment:OVERALLS OR SIMILAR CLOTHES TO PREVENT
CONTACT OF LIQUID WITH SKIN.
Work Hygienic Practices:NONE SPECIFIED BY MANUFACTURER.
Supplemental Safety and Health

===== Physical/Chemical Properties =====

HCC:G2
Boiling Pt:B.P. Text:-184F,-120C
Melt/Freeze Pt:M.P/F.P Text:-182F,-119C
Vapor Density:0.6(AIR=1)
Spec Gravity:0.55 (AIR=1)
Appearance and Odor:COLORLESS, ODORLESS GAS UNLESS MERCAPTAN ADDED;
THEN SMELLS OF ROTTEN CABBAGE
Percent Volatiles by Volume:98.9

===== Stability and Reactivity Data =====

Stability Ind

icator/Materials to Avoid: YES

OXIDIZERS, AIR, HALOGENS

Stability Condition to Avoid: EXPOSURE TO HEAT, FLAME, OXIDIZERS,
HALOGENS AND AIR.

Hazardous Decomposition Products: BROMINE PENTAFLUORIDE, CHLORINE,
CHLORINE DIOXIDE, NITROGEN TRIFLUORIDE, OXYGEN DIFLUORIDE, LIQUID
OXYGEN.

===== Disposal Considerations =====

Waste Disposal Methods: DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND
FEDERAL 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.