

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

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Product Identification
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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 G

UFFEY

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

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Composition/Information on Ingredients
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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

ACGI

H TLV: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

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CK FOR LEAKS USING SOAPY WATER.

WEAR PROPER RESPIRATORY PROTECTION.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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===== 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.

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

Respiratory Protection:USE 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

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===== 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

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

Stability

Indicator/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.

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