View NSN Online: https://aerobasegroup.co.il/nsn/6830-01-318-5797

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

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

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

H TLV:ASPHYXIANT 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:ASPHYXIANT; 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 A 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 ASPHYXIANT, SKIN CONTACT WITH LIQUID MAY CAUSE FREEZE BURNS. CHRONIC: NONE SPECIFIED BY MANUFA CTURER. Explanation of Carcinogenicity:NO INGREDIE NT 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: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 FROSTB ITE. GET IMMEDIATE MEDICAL ATTENTION. 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.

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

Other Precautions:19% OXYGEN CONTENT REQUIRED FOR OPERATIONS WITHOUT SCBA; USE OF SCBA REQUIRED IF BELOW 19% OXYEGN CONTENT.

====== Exp

osure 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 VENTIALTION 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

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

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.

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

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