

Safety Data Sheet

Section 1: Identification

Product identifier

Product Name

- **Natural Gas**

Synonyms

- Compressed Natural Gas; Fuel Gas; Natural Gas. Dry; Processed Gas; Residue Gas

Relevant identified uses of the substance or mixture and uses advised against

Recommended use

- Process Stream, Sales Gas, Fuel

Details of the supplier of the safety data sheet

Manufacturer

- Pioneer Natural Resources
777 Hidden Ridge
- Irving, TX 75038
- United States
www.pxd.com

Telephone (General) • (972) 444-9001

Emergency telephone number

Manufacturer

- (800) 424-9300 - CHEMTREC

Section 2: Hazard Identification

United States (US)

According to: OSHA 29 CFR 1910.1200 HCS

Classification of the substance or mixture

OSHA HCS 2012

- Flammable Gases 1
Compressed Gas
Reproductive Toxicity 2
Simple Asphyxiant

Label elements

OSHA HCS 2012

DANGER



Hazard statements

- Extremely flammable gas
Contains gas under pressure; may explode if heated
Suspected of damaging fertility or the unborn child.
May displace oxygen and cause rapid suffocation.

Precautionary statements

- **Prevention** • Obtain special instructions before use.
Do not handle until all safety precautions have been read and understood.
Keep away from heat, sparks, open flames and/or hot surfaces. - No smoking.
Wear protective gloves/protective clothing/eye protection/face protection.

Response • Leaking gas fire: Do not extinguish, unless leak can be stopped safely.
Eliminate all ignition sources if safe to do so.
IF exposed or concerned: Get medical advice/attention.

Storage/Disposal • Protect from sunlight. Store in a well-ventilated place.
Store locked up.
Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

Other hazards

OSHA HCS 2012

- Under United States Regulations (29 CFR 1910.1200 - Hazard Communication Standard), this product is considered hazardous.

Section 3 - Composition/Information on Ingredients

Substances

- Material does not meet the criteria of a substance.

Mixtures

Composition			
Chemical Name	Identifiers	%	Comments
Natural gas, dried	CAS:68410-63-9	100%	NDA
..... Methane [80% TO 90%]	CAS:74-82-8	80% TO 90%	NDA
..... Propane [0% TO 10%]	CAS:74-98-6	0% TO 10%	NDA
..... Ethane [0% TO 10%]	CAS:74-84-0	0% TO 10%	NDA
..... Carbon dioxide [1% TO 5%]	CAS:124-38-9	1% TO 5%	NDA
..... Nitrogen [0% TO 2%]	CAS:7727-37-9	0% TO 2%	NDA
..... Butane [0% TO 2%]	CAS:106-97-8	0% TO 2%	NDA
..... Pentane [< 1%]	CAS:109-66-0	< 1%	NDA
..... Hexane [< 1%]	CAS:110-54-3	< 1%	NDA
..... Hydrogen sulfide [< 0.1%]	CAS:7783-06-4	< 0.1%	NDA

Section 4: First-Aid Measures

Description of first aid measures

Inhalation

- IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Administer oxygen if breathing is difficult. Give artificial respiration if victim is not breathing. If signs/symptoms continue, get medical attention.

Skin

- In case of contact with substance, immediately flush skin with running water for at least 20 minutes.

Eye

- In case of contact with substance, immediately flush eyes with running water for at least 20 minutes.

Ingestion

- Do NOT induce vomiting. Get medical attention.

Most important symptoms and effects, both acute and delayed

- Refer to Section 11 - Toxicological Information.

Indication of any immediate medical attention and special treatment needed

Notes to Physician

- All treatments should be based on observed signs and symptoms of distress in the patient. Consideration should be given to the possibility that overexposure to materials other than this product may have occurred.

Section 5: Fire-Fighting Measures

Extinguishing media

Suitable Extinguishing Media • SMALL FIRES: Dry chemical or CO₂.
LARGE FIRES: Water spray or fog.

Unsuitable Extinguishing Media • No data available

Special hazards arising from the substance or mixture

Unusual Fire and Explosion Hazards • EXTREMELY FLAMMABLE
Will form explosive mixtures with air.
Vapors may travel to source of ignition and flash back.
Cylinders exposed to fire may vent and release flammable gas through pressure relief devices.
Containers may explode when heated.
Ruptured cylinders may rocket.

Hazardous Combustion Products • No data available

Advice for firefighters

- Structural firefighters' protective clothing provides limited protection in fire situations ONLY; it is not effective in spill situations where direct contact with the substance is possible.
Wear positive pressure self-contained breathing apparatus (SCBA).
DO NOT EXTINGUISH A LEAKING GAS FIRE UNLESS LEAK CAN BE STOPPED
Move containers from fire area if you can do it without risk.
FIRE: If tank, rail car or tank truck is involved in a fire, ISOLATE for 1600 meters (1 mile) in all directions; also, consider initial evacuation for 1600 meters (1 mile) in all directions.
FIRE INVOLVING TANKS: ALWAYS stay away from tanks engulfed in fire.
FIRE INVOLVING TANKS: Fight fire from maximum distance or use unmanned hose holders or monitor nozzles.
FIRE INVOLVING TANKS: Withdraw immediately in case of rising sound from venting safety devices or discoloration of tank.
FIRE INVOLVING TANKS: Cool containers with flooding quantities of water until well after fire is out.
FIRE INVOLVING TANKS: Do not direct water at source of leak or safety devices; icing may occur.
FIRE INVOLVING TANKS: For massive fire, use unmanned hose holders or monitor nozzles; if this is impossible, withdraw from area and let fire burn.

Section 6 - Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

Personal Precautions • Ventilate the area before entry. Do not walk through spilled material. Wear appropriate personal protective equipment, avoid direct contact. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing.

Emergency Procedures • ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). As an immediate precautionary measure, isolate spill or leak area for at least 100 meters (330 feet) in all directions. Stop leak if you can do it without risk. Keep unauthorized personnel away. Keep out of low areas. Stay upwind. **LARGE SPILL:** Consider initial downwind evacuation for at least 800 meters (1/2 mile)

Environmental precautions

- Prevent entry into waterways, sewers, basements or confined areas.

Methods and material for containment and cleaning up

Containment/Clean-up Measures

- Stop leak if you can do it without risk.
All equipment used when handling the product must be grounded.
If possible, turn leaking containers so that gas escapes rather than liquid.
Use water spray to reduce vapors; do not put water directly on leak, spill area or inside container.
Do not direct water at spill or source of leak.
Isolate area until gas has dispersed.

Reference to other sections

- Refer to Section 8 - Exposure Controls/Personal Protection and Section 13 - Disposal Considerations.

Section 7 - Handling and Storage

Precautions for safe handling

Handling

- Use only with adequate ventilation. Keep away from heat and ignition sources – No Smoking. Take precautionary measures against static charges. All equipment used when handling the product must be grounded. Use only non-sparking tools. Be aware of any signs of dizziness or fatigue, especially if work is done in a poorly ventilated area; exposures to fatal concentrations of this gas mixture could occur without any significant warning symptoms, due to olfactory fatigue or oxygen deficiency. Cylinders should be firmly secured to prevent falling or being knocked-over. Empty containers retain product residue and can be hazardous. Do not cut, weld, puncture or incinerate container. Wear appropriate personal protective equipment, avoid direct contact. Avoid breathing gas. Wash thoroughly with soap and water after handling and before eating, drinking, or using tobacco.

Conditions for safe storage, including any incompatibilities

Storage

- Protect cylinders against physical damage. Protect from sunlight. Store in a well-ventilated place.

Specific end use(s)

- Refer to Section 1.2 - Relevant identified uses.

Section 8 - Exposure Controls/Personal Protection

Control parameters

Exposure Limits/Guidelines				
	Result	ACGIH	NIOSH	OSHA
Propane (74-98-6)	TWAs	See Appendix F: Minimal Oxygen Content	1000 ppm TWA; 1800 mg/m ³ TWA	1000 ppm TWA; 1800 mg/m ³ TWA
Butane (106-97-8)	STELs	1000 ppm STEL	Not established	Not established
	TWAs	Not established	800 ppm TWA; 1900 mg/m ³ TWA	Not established
Ethane (74-84-0)	TWAs	See Appendix F: Minimal Oxygen Content	Not established	Not established
Nitrogen (7727-37-9)	TWAs	See Appendix F: Minimal Oxygen Content	Not established	Not established
Hydrogen sulfide (7783-06-4)	Ceilings	Not established	10 ppm Ceiling (10 min); 15 mg/m ³ Ceiling (10 min)	20 ppm Ceiling
	STELs	5 ppm STEL	Not established	Not established
	TWAs	1 ppm TWA	Not established	Not established

Pentane (109-66-0)	TWAs	1000 ppm TWA (listed under Pentane, all isomers)	120 ppm TWA; 350 mg/m3 TWA	1000 ppm TWA; 2950 mg/m3 TWA
	Ceilings	Not established	610 ppm Ceiling (15 min); 1800 mg/m3 Ceiling (15 min)	Not established
Carbon dioxide (124-38-9)	TWAs	5000 ppm TWA	5000 ppm TWA; 9000 mg/m3 TWA	5000 ppm TWA; 9000 mg/m3 TWA
	STELs	30000 ppm STEL	30000 ppm STEL; 54000 mg/m3 STEL	Not established
Hexane (110-54-3)	TWAs	50 ppm TWA	50 ppm TWA; 180 mg/m3 TWA	500 ppm TWA; 1800 mg/m3 TWA
Methane (74-82-8)	TWAs	See Appendix F: Minimal Oxygen Content	Not established	Not established

Exposure Control Notations

ACGIH

- Nitrogen (7727-37-9): **Simple Asphyxiants:** (Simple asphyxiant (See Appendix F: Minimal Oxygen Content))
- Hexane (110-54-3): **Skin:** (Skin - potential significant contribution to overall exposure by the cutaneous route)

Exposure Limits Supplemental

ACGIH

- Methane (74-82-8): **TLV Basis - Critical Effects:** (asphyxia (See Appendix F: Minimal Oxygen Content))
- Ethane (74-84-0): **TLV Basis - Critical Effects:** (asphyxia (See Appendix F: Minimal Oxygen Content)) | **Notice of Intended Changes (TLVs):** (See Appendix F: Minimal oxygen content; simple asphyxiant; explosion hazard; TLV basis: asphyxia)
- Propane (74-98-6): **TLV Basis - Critical Effects:** (asphyxia (See Appendix F: Minimal Oxygen Content)) | **Notice of Intended Changes (TLVs):** (See Appendix F: Minimal oxygen content; simple asphyxiant; explosion hazard; TLV basis: asphyxia)
- Carbon dioxide (124-38-9): **TLV Basis - Critical Effects:** (asphyxia)
- Nitrogen (7727-37-9): **TLV Basis - Critical Effects:** (asphyxia)
- Butane (106-97-8): **TLV Basis - Critical Effects:** (CNS impairment) | **Notice of Intended Changes (TLVs):** (1000 ppm STEL (explosion hazard); TLV basis: CNS impairment)
- Pentane (109-66-0): **TLV Basis - Critical Effects:** (narcosis and respiratory tract irritation (listed under Pentane, all isomers))
- Hexane (110-54-3): **BEIs:** (0.4 mg/L Medium: urine Time: end of shift at end of workweek Parameter: 2,5-Hexanedione without hydrolysis) | **TLV Basis - Critical Effects:** (CNS impairment; eye irritation; peripheral neuropathy)
- Hydrogen sulfide (7783-06-4): **TLV Basis - Critical Effects:** (upper respiratory tract irritation; CNS impairment)

Exposure controls

Engineering Measures/Controls

- Good general ventilation should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Use explosion-proof - electrical, ventilating and/or lighting equipment.

Personal Protective Equipment

Respiratory

- In case of insufficient ventilation, wear suitable respiratory equipment.

Eye/Face

- Wear safety glasses.

Skin/Body

- Wear appropriate gloves.

Environmental Exposure Controls

- Follow best practice for site management and disposal of waste.

Key to abbreviations

ACGIH = American Conference of Governmental Industrial Hygiene

STEL = Short Term Exposure Limits are based on 15-minute exposures

BEI = Biological Exposure Indices

TLV = Threshold Limit Value determined by the American Conference of Governmental Industrial Hygienists (ACGIH)

NIOSH = National Institute of Occupational Safety and Health

TWA = Time-Weighted Averages are based on 8h/day, 40h/week exposures

OSHA = Occupational Safety and Health Administration

Section 9 - Physical and Chemical Properties

Information on Physical and Chemical Properties

Material Description			
Physical Form	Gas	Appearance/Description	Colorless compressed gas.
Color	Colorless	Odor	Slight hydrocarbon.
Odor Threshold	No data available		
General Properties			
Boiling Point	-162 °C(-259.6 °F)	Melting Point/Freezing Point	No data available
Decomposition Temperature	-184 °C(-299.2 °F)	pH	No data available
Specific Gravity/Relative Density	0.37 to 0.5 Water=1	Water Solubility	Slightly Soluble 0.1 to 1 %
Viscosity	No data available		
Volatility			
Vapor Pressure	No data available	Vapor Density	0.5 Air=1
Evaporation Rate	No data available		
Flammability			
Flash Point	No data available	UEL	No data available
LEL	No data available	Autoignition	No data available
Flammability (solid, gas)	No data available		
Environmental			
Octanol/Water Partition coefficient	No data available		

Section 10: Stability and Reactivity

Reactivity

- No dangerous reaction known under conditions of normal use.

Chemical stability

- Stable under normal temperatures and pressures.

Possibility of hazardous reactions

- Hazardous polymerization will not occur.

Conditions to avoid

- Keep away from heat, sparks and flame.

Incompatible materials

- No data available

Hazardous decomposition products

- No data available

Section 11 - Toxicological Information

Information on toxicological effects

Components		
Methane (80% TO 90%)	74- 82- 8	Acute Toxicity: Inhalation-Mouse LC50 • 500000 ppm 2 Hour(s)

Propane (0% TO 10%)	74- 98- 6	Acute Toxicity: Inhalation-Rat LC50 • >800000 ppm 15 Minute(s); <i>Behavioral:General anesthetic; Behavioral:Ataxia; Lungs, Thorax, or Respiration:Respiratory depression</i>
Carbon dioxide (1% TO 5%)	124- 38- 9	Acute Toxicity: Inhalation-Mouse LC50 • 200000 ppm 2 Hour(s); Inhalation-Human TCLO • 0.25 pph; <i>Lungs, Thorax, or Respiration:Dyspnea; Vascular:Other changes;</i> Reproductive: Inhalation-Mouse TCLO • 2 pph 8 Hour(s)(10D preg); <i>Reproductive Effects:Effects on Fertility:Post-implantation mortality; Reproductive Effects:Specific Developmental Abnormalities:Musculoskeletal system</i>
Butane (0% TO 2%)	106- 97- 8	Acute Toxicity: Inhalation-Rat LC50 • 658000 mg/m ³ 4 Hour(s)
Pentane (< 1%)	109- 66- 0	Acute Toxicity: Ingestion/Oral-Rat LD50 • >2000 mg/kg; Inhalation-Rat LC50 • 364 g/m ³ 4 Hour(s); Inhalation-Human TCLO • 130 mg/m ³ ; <i>Brain and Coverings:Changes in surface EEG; Behavioral:Somnolence (general depressed activity); Behavioral:Headache;</i> Inhalation-Mouse TCLO • 265000 mg/m ³ 5 Minute(s); <i>Behavioral:General anesthetic;</i> Multi-dose Toxicity: Inhalation-Rat TCLO • 116 mg/m ³ 117 Day(s)-Continuous; <i>Brain and Coverings:Other degenerative changes; Vascular:BP lowering not characterized in autonomic section</i>
Hexane (< 1%)	110- 54- 3	Acute Toxicity: Ingestion/Oral-Rat LD50 • 15840 mg/kg; Ingestion/Oral-Rat TDLo • 20000 mg/kg; <i>Reproductive Effects:Paternal Effects:Spermatogenesis; Reproductive Effects:Paternal Effects:Prostate, seminal vesicle, Cowper's gland, accessory glands;</i> Inhalation-Rat LC50 • 48000 ppm 4 Hour(s); Inhalation-Human TCLO • 190 ppm 8 Week(s); <i>Peripheral Nerve and Sensation:Structural change in nerve or sheath;</i> Irritation: Eye-Rabbit • 10 mg • Mild irritation; Reproductive: Ingestion/Oral-Mouse TDLo • 238 g/kg (6-15D preg); <i>Reproductive Effects:Effects on Embryo or Fetus:Fetotoxicity (except death, e.g., stunted fetus);</i> Inhalation-Rat TCLO • 5000 ppm (6-19D preg); <i>Reproductive Effects:Maternal Effects:Other effects; Reproductive Effects:Effects on Embryo or Fetus:Fetotoxicity (except death, e.g., stunted fetus); Reproductive Effects:Specific Developmental Abnormalities:Musculoskeletal system;</i> Tumorigen / Carcinogen: Inhalation-Mouse TCLO • 9018 ppm 6 Hour(s) 2 Year(s)-Intermittent; <i>Tumorigenic:Neoplastic by RTECS criteria; Liver:Tumors;</i> Inhalation-Rat TCLO • 1000 ppm 4 Hour(s) 59 Week(s)-Intermittent; <i>Tumorigenic:Carcinogenic by RTECS criteria; Reproductive Effects:Tumorigenic Effects:Testicular tumors</i>

GHS Properties	Classification
Acute toxicity	OSHA HCS 2012 • No data available
Skin corrosion/Irritation	OSHA HCS 2012 • No data available
Serious eye damage/Irritation	OSHA HCS 2012 • No data available
Skin sensitization	OSHA HCS 2012 • No data available
Respiratory sensitization	OSHA HCS 2012 • No data available
Aspiration Hazard	OSHA HCS 2012 • No data available
Carcinogenicity	OSHA HCS 2012 • No data available
Germ Cell Mutagenicity	OSHA HCS 2012 • No data available
Toxicity for Reproduction	OSHA HCS 2012 • Toxic to Reproduction 2
STOT-SE	OSHA HCS 2012 • No data available
STOT-RE	OSHA HCS 2012 • No data available

Potential Health Effects

Inhalation

- Acute (Immediate)** • No data available
- Chronic (Delayed)** • No data available

Skin

- Acute (Immediate)** • No data available
- Chronic (Delayed)** • No data available

Eye

- Acute (Immediate)** • No data available
- Chronic (Delayed)** • No data available

Ingestion

- Acute (Immediate)** • No data available
- Chronic (Delayed)** • No data available

- Reproductive Effects** • Repeated and prolonged exposure may cause reproductive effects.

Key to abbreviations

LC = Lethal Concentration
 LD = Lethal Dose
 TC = Toxic Concentration
 TD = Toxic Dose

Section 12 - Ecological Information

Toxicity

- Non-mandatory section - information about this substance not compiled for this reason.

Persistence and degradability

- Non-mandatory section - information about this substance not compiled for this reason.

Bioaccumulative potential

- Non-mandatory section - information about this substance not compiled for this reason.

Mobility in Soil

- Non-mandatory section - information about this substance not compiled for this reason.

Other adverse effects

- Non-mandatory section - information about this substance not compiled for this reason.

Section 13 - Disposal Considerations

Waste treatment methods

- Product waste** • Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.
- Packaging waste** • Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

Section 14 - Transport Information

	UN number	UN proper shipping name	Transport hazard class(es)	Packing group	Environmental hazards
DOT	UN1971	Natural gas, compressed (with high methane content)	2.1	Not relevant	NDA

- Special precautions for user** • None specified.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code • No data available

Section 15 - Regulatory Information

Safety, health and environmental regulations/legislation specific for the substance or mixture

SARA Hazard Classifications • Fire, Pressure(Sudden Release of), Chronic

Inventory		
Component	CAS	TSCA
Butane	106-97-8	Yes
Carbon dioxide	124-38-9	Yes
Ethane	74-84-0	Yes
Hexane	110-54-3	Yes
Hydrogen sulfide	7783-06-4	Yes
Methane	74-82-8	Yes
Natural gas, dried	68410-63-9	Yes
Nitrogen	7727-37-9	Yes
Pentane	109-66-0	Yes
Propane	74-98-6	Yes

United States

Labor

U.S. - OSHA - Process Safety Management - Highly Hazardous Chemicals

• Natural gas, dried	68410-63-9	Not Listed
• Hydrogen sulfide	7783-06-4	1500 lb TQ
• Pentane	109-66-0	Not Listed
• Ethane	74-84-0	Not Listed
• Carbon dioxide	124-38-9	Not Listed
• Propane	74-98-6	Not Listed
• Butane	106-97-8	Not Listed
• Hexane	110-54-3	Not Listed
• Nitrogen	7727-37-9	Not Listed
• Methane	74-82-8	Not Listed

U.S. - OSHA - Specifically Regulated Chemicals

• Natural gas, dried	68410-63-9	Not Listed
• Hydrogen sulfide	7783-06-4	Not Listed
• Pentane	109-66-0	Not Listed
• Ethane	74-84-0	Not Listed
• Carbon dioxide	124-38-9	Not Listed
• Propane	74-98-6	Not Listed
• Butane	106-97-8	Not Listed
• Hexane	110-54-3	Not Listed
• Nitrogen	7727-37-9	Not Listed
• Methane	74-82-8	Not Listed

Environment

U.S. - CAA (Clean Air Act) - 1990 Hazardous Air Pollutants

• Natural gas, dried	68410-63-9	Not Listed
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• Hydrogen sulfide	7783-06-4	Not Listed
• Pentane	109-66-0	Not Listed
• Ethane	74-84-0	Not Listed
• Carbon dioxide	124-38-9	Not Listed
• Propane	74-98-6	Not Listed
• Butane	106-97-8	Not Listed
• Hexane	110-54-3	
• Nitrogen	7727-37-9	Not Listed
• Methane	74-82-8	Not Listed

U.S. - CERCLA/SARA - Hazardous Substances and their Reportable Quantities

• Natural gas, dried	68410-63-9	Not Listed
• Hydrogen sulfide	7783-06-4	100 lb final RQ; 45.4 kg final RQ
• Pentane	109-66-0	Not Listed
• Ethane	74-84-0	Not Listed
• Carbon dioxide	124-38-9	Not Listed
• Propane	74-98-6	Not Listed
• Butane	106-97-8	Not Listed
• Hexane	110-54-3	5000 lb final RQ; 2270 kg final RQ
• Nitrogen	7727-37-9	Not Listed
• Methane	74-82-8	Not Listed

U.S. - CERCLA/SARA - Radionuclides and Their Reportable Quantities

• Natural gas, dried	68410-63-9	Not Listed
• Hydrogen sulfide	7783-06-4	Not Listed
• Pentane	109-66-0	Not Listed
• Ethane	74-84-0	Not Listed
• Carbon dioxide	124-38-9	Not Listed
• Propane	74-98-6	Not Listed
• Butane	106-97-8	Not Listed
• Hexane	110-54-3	Not Listed
• Nitrogen	7727-37-9	Not Listed
• Methane	74-82-8	Not Listed

U.S. - CERCLA/SARA - Section 302 Extremely Hazardous Substances EPCRA RQs

• Natural gas, dried	68410-63-9	Not Listed
• Hydrogen sulfide	7783-06-4	100 lb EPCRA RQ
• Pentane	109-66-0	Not Listed
• Ethane	74-84-0	Not Listed
• Carbon dioxide	124-38-9	Not Listed
• Propane	74-98-6	Not Listed
• Butane	106-97-8	Not Listed
• Hexane	110-54-3	Not Listed
• Nitrogen	7727-37-9	Not Listed
• Methane	74-82-8	Not Listed

U.S. - CERCLA/SARA - Section 302 Extremely Hazardous Substances TPQs

• Natural gas, dried	68410-63-9	Not Listed
• Hydrogen sulfide	7783-06-4	500 lb TPQ
• Pentane	109-66-0	Not Listed
• Ethane	74-84-0	Not Listed
• Carbon dioxide	124-38-9	Not Listed
• Propane	74-98-6	Not Listed

• Butane	106-97-8	Not Listed
• Hexane	110-54-3	Not Listed
• Nitrogen	7727-37-9	Not Listed
• Methane	74-82-8	Not Listed

U.S. - CERCLA/SARA - Section 313 - Emission Reporting

• Natural gas, dried	68410-63-9	Not Listed
• Hydrogen sulfide	7783-06-4	1.0 % de minimis concentration
• Pentane	109-66-0	Not Listed
• Ethane	74-84-0	Not Listed
• Carbon dioxide	124-38-9	Not Listed
• Propane	74-98-6	Not Listed
• Butane	106-97-8	Not Listed
• Hexane	110-54-3	1.0 % de minimis concentration
• Nitrogen	7727-37-9	Not Listed
• Methane	74-82-8	Not Listed

U.S. - CERCLA/SARA - Section 313 - PBT Chemical Listing

• Natural gas, dried	68410-63-9	Not Listed
• Hydrogen sulfide	7783-06-4	Not Listed
• Pentane	109-66-0	Not Listed
• Ethane	74-84-0	Not Listed
• Carbon dioxide	124-38-9	Not Listed
• Propane	74-98-6	Not Listed
• Butane	106-97-8	Not Listed
• Hexane	110-54-3	Not Listed
• Nitrogen	7727-37-9	Not Listed
• Methane	74-82-8	Not Listed

United States - California

Environment

U.S. - California - Proposition 65 - Carcinogens List

• Natural gas, dried	68410-63-9	Not Listed
• Hydrogen sulfide	7783-06-4	Not Listed
• Pentane	109-66-0	Not Listed
• Ethane	74-84-0	Not Listed
• Carbon dioxide	124-38-9	Not Listed
• Propane	74-98-6	Not Listed
• Butane	106-97-8	Not Listed
• Hexane	110-54-3	Not Listed
• Nitrogen	7727-37-9	Not Listed
• Methane	74-82-8	Not Listed

U.S. - California - Proposition 65 - Developmental Toxicity

• Natural gas, dried	68410-63-9	Not Listed
• Hydrogen sulfide	7783-06-4	Not Listed
• Pentane	109-66-0	Not Listed
• Ethane	74-84-0	Not Listed
• Carbon dioxide	124-38-9	Not Listed
• Propane	74-98-6	Not Listed
• Butane	106-97-8	Not Listed
• Hexane	110-54-3	Not Listed

• Nitrogen	7727-37-9	Not Listed
• Methane	74-82-8	Not Listed
U.S. - California - Proposition 65 - Maximum Allowable Dose Levels (MADL)		
• Natural gas, dried	68410-63-9	Not Listed
• Hydrogen sulfide	7783-06-4	Not Listed
• Pentane	109-66-0	Not Listed
• Ethane	74-84-0	Not Listed
• Carbon dioxide	124-38-9	Not Listed
• Propane	74-98-6	Not Listed
• Butane	106-97-8	Not Listed
• Hexane	110-54-3	Not Listed
• Nitrogen	7727-37-9	Not Listed
• Methane	74-82-8	Not Listed
U.S. - California - Proposition 65 - No Significant Risk Levels (NSRL)		
• Natural gas, dried	68410-63-9	Not Listed
• Hydrogen sulfide	7783-06-4	Not Listed
• Pentane	109-66-0	Not Listed
• Ethane	74-84-0	Not Listed
• Carbon dioxide	124-38-9	Not Listed
• Propane	74-98-6	Not Listed
• Butane	106-97-8	Not Listed
• Hexane	110-54-3	Not Listed
• Nitrogen	7727-37-9	Not Listed
• Methane	74-82-8	Not Listed
U.S. - California - Proposition 65 - Reproductive Toxicity - Female		
• Natural gas, dried	68410-63-9	Not Listed
• Hydrogen sulfide	7783-06-4	Not Listed
• Pentane	109-66-0	Not Listed
• Ethane	74-84-0	Not Listed
• Carbon dioxide	124-38-9	Not Listed
• Propane	74-98-6	Not Listed
• Butane	106-97-8	Not Listed
• Hexane	110-54-3	Not Listed
• Nitrogen	7727-37-9	Not Listed
• Methane	74-82-8	Not Listed
U.S. - California - Proposition 65 - Reproductive Toxicity - Male		
• Natural gas, dried	68410-63-9	Not Listed
• Hydrogen sulfide	7783-06-4	Not Listed
• Pentane	109-66-0	Not Listed
• Ethane	74-84-0	Not Listed
• Carbon dioxide	124-38-9	Not Listed
• Propane	74-98-6	Not Listed
• Butane	106-97-8	Not Listed
• Hexane	110-54-3	Not Listed
• Nitrogen	7727-37-9	Not Listed
• Methane	74-82-8	Not Listed

Section 16 - Other Information

Revision Date

- 29/April/2021

Last Revision Date

- 29/August/2017

Preparation Date

- 24/August/2017

Disclaimer/Statement of Liability

- The information herein is given in good faith but no warranty, expressed or implied, is made.

Key to abbreviations

NDA = No Data Available