



## Safety Data Sheet

### Section 1: Identification

#### Product identifier

**Product name**

- **Natural Gas**

Synonyms

- Fuel Gas; Pipeline Gas; Processed Gas; Residue Gas

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

Recommended use

- Fuel

#### Details of the supplier of the Safety Data Sheet

Mailing Address: **Florida City Gas**  
4045 NW 97th Avenue  
Doral, FL 33178  
United States

Telephone: 800.993.7546

Website: [www.floridacitygas.com](http://www.floridacitygas.com)

**Emergency telephone number 888.352.5325**

### Section 2: Hazard Identification

#### United States (U.S.)

According to: OSHA 29 CFR 1910.1200 HCS

#### Classification of the substance or mixture

OSHA HCS 2012

- Flammable Gases 1
- Compressed Gas
- Simple Asphyxiant

## Label elements

### OSHA HCS 2012

## DANGER



### Hazard statements

- Extremely flammable gas.
- Contains gas under pressure; may explode if heated.
- May displace oxygen and cause rapid suffocation.

### Precautionary statements

- |                  |   |
|------------------|---|
| Prevention       | <ul style="list-style-type: none"> <li>• Keep away from heat, sparks, open flames and/or hot surfaces. No smoking.</li> </ul>   |
| Response         | <ul style="list-style-type: none"> <li>• Blowing gas fire: Do not extinguish unless leak can be stopped safely. Eliminate all ignition sources if safe to do so.</li> </ul> |
| Storage/Disposal | <ul style="list-style-type: none"> <li>• Protect from sunlight. Store in a well-ventilated place.</li> </ul>  |

### 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   | %             | LD50/LC50   | Classifications According to Regulation/Directive                              |
| Methane        | CAS:74-82-8   | 94% TO 98%    | NDA   | OSHA HCS 2012: Flam. Gas 1; Press. Gas - Comp; Simp. Asphyx.                   |
| Ethane         | CAS:74-84-0   | 1% TO 3%      | NDA   | OSHA HCS 2012: Flam. Gas 1; Press. Gas, Simp. Asphyx.                          |
| Nitrogen       | CAS:7727-37-9 | 0% TO 1.6%    | NDA   | OSHA HCS 2012: Press. Gas - Comp.; Simp. Asphyx.                               |
| Carbon dioxide | CAS:124-38-9  | 0.5% TO 0.8%  | Inhalation-Rat LC50 • 470000 ppm 30 Minute(s)   | OSHA HCS 2012: Press. Gas - Liq.; Simp. Asphyx.                                |
| Propane        | CAS:74-98-6   | 0.1% TO 0.2%  | NDA   | OSHA HCS 2012: Flam. Gas 1; Press. Gas - Liq.; Simp. Asphyx.                   |
| Butane         | CAS:106-97-8  | 0.08% TO 0.2% | Inhalation-Rat LC50 • 658 g/m <sup>3</sup> 4 Hour(s)  | OSHA HCS 2012: Flam. Gas 1; Press. Gas; STOT SE 3: Narc. (Inhl); Simp. Asphyx. |
| Hexane         | CAS:110-54-3  | 0% TO 0.06%   | Ingestion/Oral-Rat LD50 • 25 g/kg. Inhalation-Rat LC50 • 627000 mg/m <sup>3</sup> 3 Minute(s) | OSHA HCS 2012: Exposure limits   |
| Pentane        | CAS:109-66-0  | 0% TO 0.03%   | Inhalation-Rat LC50 • 364 g/m <sup>3</sup> 4 Hour(s). Ingestion/Oral-Rat LD50 • >2000 mg/kg   | OSHA HCS 2012: Exposure limits   |

All percentages provided are approximate.

#### Key to abbreviations

NDA = No Data Available

STOT SE 3 = Specific Target Organ Toxicity, Single Exposure

## 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 • Material is a gas. Skin (dermal) absorption is not a likely route of exposure.
- Eye • Flush eyes with water for at least 15 minutes while holding eyelids open. If eye irritation persists, get medical advice/attention.
- Ingestion • Material is a gas. Ingestion is not a likely route of exposure.

### 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: Firefighting Measures

### Extinguishing media

- Suitable Extinguishing Media** • SMALL FIRES: Dry chemical or CO<sub>2</sub>.  
• 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.  
• Containers 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

- Gas fires should not be extinguished unless the flow of gas can be stopped. Only authorized personnel should turn off valves or attempt repairs.
- Firefighters should wear self-contained breathing apparatus (SCBA).
- Natural gas is lighter than air and will vent upward but special consideration should be given to areas that may trap or contain gas and areas of possible gas migration underground or through structures.
- Water mist may be used to cool surrounding structures including compressed gas cylinders or tanks.

## Section 6 - Accidental Release Measures

### Personal precautions, protective equipment and emergency procedures

- Personal Precautions**
- Ventilate the area before entry. Wear appropriate personal protective equipment.
- Emergency Procedures**
- ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). As an immediate precautionary measure, isolate area for at least for at least 100 meters (330 feet) in all directions. Keep unauthorized personnel away. Keep out of low areas. Stay upwind.
  - LARGE RELEASE: Consider initial downwind evacuation for at least 800 meters (1/2 mile).

### Environmental precautions

- Prevent entry into sewers, basements or confined areas.

### Methods and material for containment and clean up

- Containment/Cleanup Measures**
- Stop release if possible without risk.
  - All equipment used when handling the product must be grounded.
  - Use water spray to reduce vapors; do not put water directly on leak, spill area or inside container. Do not direct water at source of leak.
  - Isolate area until gas has dispersed.

## Section 7 - Handling and Storage

### Precautions for safe 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. Use explosion proof electrical, ventilating and/or lighting equipment. 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 with skin, eyes and clothing. 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

- Containers should be stored in dry, well-ventilated areas away from sources of heat, ignition and direct sunlight. Protect cylinders against physical damage. Cylinders should be firmly secured to prevent falling or being knocked over.

## Section 8 - Exposure Controls/Personal Protection

### Control Parameters

| Exposure Limits/Guidelines |          |   |   |  |
|----------------------------|----------|---|---|--|
|                            | Result   | ACGIH   | NIOSH   | OSHA                                     |
| Pentane (109-66-0)         | TWAs     | 1000 ppm TWA listed under Pentane, all isomers)                       | 120 ppm TWA; 350 mg/m <sup>3</sup> TWA                            | 1000 ppm TWA; 2950 mg/m <sup>3</sup> TWA |
|                            | Ceilings | Not established   | 610 ppm Ceiling (15 min); 1800 mg/m <sup>3</sup> Ceiling (15 min) | Not established                          |
| Hexane (110-54-3)          | TWAs     | 50 ppm TWA  | 50 ppm TWA; 180 mg/m <sup>3</sup> TWA                             | 500 ppm TWA; 1800 mg/m <sup>3</sup> TWA  |
| Butane (106-97-8)          | STELs    | 1000 ppm STEL   | Not established   | Not established                          |
|                            | TWAs     | Not established   | 800 ppm TWA; 1900 mg/m <sup>3</sup> TWA                           | Not established                          |
| Propane (74-98-6)          | TWAs     | 1000 ppm TWA (listed under Aliphatic hydrocarbon gases; Alkane C 1-4) | 1000 ppm TWA; 1800 mg/m <sup>3</sup> TWA                          | 1000 ppm TWA; 1800 mg/m <sup>3</sup> TWA |
| Carbon dioxide (124-38-9)  | TWAs     | 5000 ppm TWA  | 5000 ppm TWA; 9000 mg/m <sup>3</sup> TWA                          | 5000 ppm TWA; 9000 mg/m <sup>3</sup> TWA |
|                            | STELs    | 30000 ppm STEL  | 30000 ppm STEL; 54000 mg/m <sup>3</sup> STEL                      | Not established                          |
| Ethane (74-84-0)           | TWAs     | 1000 ppm TWA (listed under Aliphatic hydrocarbon gases; Alkane C1-4)  | Not established   | Not established                          |
| Methane (74-82-8)          | TWAs     | 1000 ppm TWA (listed under Aliphatic hydrocarbon gases; Alkane C1-4)  | Not established   | Not established                          |

#### Key to abbreviations

ACGIH = American Conference of Governmental Industrial Hygiene  
 NIOSH = National Institute of Occupational Safety and Health  
 OSHA = Occupational Safety and Health Administration

STEL= Short Term Exposure Limits are based on 15-minute exposures  
 TWA = Time-Weighted Averages are based on 8h/day, 40h/week exposures

### Exposure controls

#### Engineering measures/controls

- Adequate general ventilation should be provided when handling. 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. Use explosion proof electrical, ventilating and/or electrical equipment.

**Personal protective equipment**

**Respiratory** • In case of insufficient ventilation, wear suitable respiratory equipment.

**Eye/Face** • Wear safety glasses.

**Skin/body** • Material is a gas. Skin (dermal) absorption is not a likely route of exposure.

**Environmental Exposure Controls**

- Follow best practices for site management and disposal of waste. Controls should be engineered to prevent release to the environment.

**Other information**

- Odorant may be comprised of some or all of the following components and/or blends thereof: Tetrahydrothiophene, tertiary-Butyl Mercaptan and other Mercaptans. Ensure personnel involved in gas purging operations are fully trained and knowledgeable about safe gas venting practices, the proper use of gas detectors and the danger of relying on the sense of smell alone to detect gas releases.

**Section 9 - Physical and Chemical Properties**

| <b>Information on Physical and Chemical Properties</b> |                                      |                              |  |
|--|--------------------------------------|------------------------------|--|
| <b>Material Description</b>                            |                                      |                              |  |
| Physical Form  | Gas                                  | Appearance/Description       | Colorless, odorless gas without odorants. When odorant is added – characteristic gas odor. |
| Color  | Colorless                            | Odor                         | Odor provided by additive (Mercaptan)  |
| Odor Threshold   | Not relevant                         |                              |  |
| <b>General Properties</b>                              |                                      |                              |  |
| Boiling Point  | -259 F(-161.6667 C)                  | Melting Point/Freezing Point | -297 F(-182.7778 C)  |
| Decomposition Temperature                              | Not relevant                         | pH                           | No data available  |
| Specific Gravity/Relative Density                      | 0.58 to 0.62<br>Water=1              | Water Solubility             | Not relevant   |
| Viscosity  | Not relevant                         |                              |  |
| <b>Volatility</b>                                      |                                      |                              |  |
| Vapor Pressure   | Not relevant                         | Vapor Density                | 0.5 to 0.62 Air=1  |
| Evaporation Rate                                       | Not relevant                         |                              |  |
| <b>Flammability</b>                                    |                                      |                              |  |
| Flash Point  | -306 F(-187.7778 C)<br>OC (Open Cup) | UEL                          | 15 %   |
| LEL  | 4 %                                  | Autoignition Temperature     | 1110 F(598.8889 C)   |
| Flammability (solid, gas)                              | Not relevant                         |                              |  |
| <b>Environmental</b>                                   |                                      |                              |  |
| Octanol/Water Partition coefficient                    | Not relevant                         |                              |  |

## 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

- Strong oxidizers.

### Hazardous decomposition products

- Thermal oxidative degradation can produce carbon dioxide and carbon monoxide.

## Section 11 - Toxicological Information

### Information on toxicological effects

| Components                    |          |   |
|-------------------------------|----------|---|
| Methane (94% TO 98%)          | 74-82-8  | <b>Acute Toxicity:</b> Inhalation-Mouse LC50 • 326 g/m <sup>3</sup> 2 Hour(s)   |
| Carbon dioxide (0.5% TO 0.8%) | 124-38-9 | <b>Acute Toxicity:</b> Inhalation-Rat LC50 • 470000 ppm 30 Minute(s); Inhalation-Human TCLo • 0.25 pph; <i>Lungs, Thorax, or Respiration: Dyspnea; Vascular: Other changes;</i><br><b>Reproductive:</b> 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> |
| Propane (0.1% TO 0.2%)        | 74-98-6  | <b>Acute Toxicity:</b> Inhalation Rat LC50 • >800000 ppm 15 Minute(s) ; <i>Behavioral: General anesthetic; Behavioral: Ataxia; Lungs, Thorax, or Respiration: Respiratory depression</i>  |
| Butane (0.08% TO 0.2%)        | 106-97-8 | <b>Acute Toxicity:</b> Inhalation-Rat LC50 • 658 g/m <sup>3</sup> 4 Hour(s)   |

Key to abbreviations

LC – Lethal concentration

TC – Toxic concentration

| GHS Properties                | Classification                          |
|-------------------------------|---|
| Respiratory sensitization     | <b>OSHA HCS 2012</b> •No data available |
| Serious eye damage/Irritation | <b>OSHA HCS 2012</b> •No data available |
| Acute toxicity                | <b>OSHA HCS 2012</b> •No data available |
| Aspiration hazard             | <b>OSHA HCS 2012</b> •No data available |
| Carcinogenicity               | <b>OSHA HCS 2012</b> •No data available |
| Skin corrosion/Irritation     | <b>OSHA HCS 2012</b> •No data available |
| Skin sensitization            | <b>OSHA HCS 2012</b> •No data available |
| STOT-RE                       | <b>OSHA HCS 2012</b> •No data available |
| STOT-SE                       | <b>OSHA HCS 2012</b> •No data available |
| Toxicity for Reproduction     | <b>OSHA HCS 2012</b> •No data available |
| Germ Cell Mutagenicity        | <b>OSHA HCS 2012</b> •No data available |

## Potential Health Effects

### Inhalation

- Acute (Immediate) • This material is a simple asphyxiant. May displace or reduce oxygen available for breathing especially in confined spaces. If this material is released in a small, poorly ventilated area (i.e., an enclosed or confined space), an oxygen-deficient environment may occur. Individuals breathing such an atmosphere may experience symptoms which include headaches, ringing in ears, dizziness, drowsiness, unconsciousness, nausea, vomiting, and depression of all the senses. Under some circumstances of over-exposure, death may occur. The following effects associated with decreased levels of oxygen: increase in breathing and pulse rate, emotional upset, abnormal fatigue, nausea, vomiting, collapse, loss of consciousness, convulsive movements, respiratory collapse and death.

- Chronic (Delayed) • No data available.

### Skin

- Acute (Immediate) • Under normal handling conditions, no acute skin effects are expected.

- Chronic (Delayed) • No data available.

### Eye

- Acute (Immediate) • May cause irritation.

- Chronic (Delayed) • No data available.

### Ingestion

- Acute (Immediate) • Material is a gas; ingestion is not a likely route of exposure.

- Chronic (Delayed) • No data available.



## 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.

### Other adverse effects

- 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    | Methane, compressed     | 2.1                        | None          | NDA                   |

#### Key to abbreviations

NDA = No Data Available

#### Special precautions for user

- None specified.

#### Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

- Not relevant.

## Section 15 - Regulatory Information

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

#### SARA Hazard Classifications

- Acute, Fire, Pressure(Sudden Release of)

| 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  |
| Methane        | 74-82-8   | 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

|                |           |            |
|----------------|-----------|------------|
| 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

|                |           |            |
|----------------|-----------|------------|
| 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**

|                |           |            |
|----------------|-----------|------------|
| 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 - Hazardous Substances and their Reportable Quantities**

|                |           |            |
|----------------|-----------|------------|
| 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 - Radionuclides and Their Reportable Quantities**

|                |           |            |
|----------------|-----------|------------|
| 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**

|                |           |            |
|----------------|-----------|------------|
| 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**

|                |           |            |
|----------------|-----------|------------|
| 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**

|                |           |            |
|----------------|-----------|------------|
| 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 - PBT Chemical Listing**

|                |           |            |
|----------------|-----------|------------|
| 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**

|                |           |            |
|----------------|-----------|------------|
| 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**

|                |           |            |
|----------------|-----------|------------|
| 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)**

|                |           |            |
|----------------|-----------|------------|
| 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**

|                |           |            |
|----------------|-----------|------------|
| 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**

|                |           |            |
|----------------|-----------|------------|
| 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** • May 15, 2017  
**Last Revision Date** • October 30, 2015  
**Preparation Date** • October 30, 2015

**Disclaimer/Statement of Liability**

- The information contained in this SDS was obtained from the Environmental Protection Agency and other sources which are believed reliable and based upon current available scientific data and analyses. New information may be developed from time to time which may render the conclusions of this report obsolete. Some information presented and conclusions drawn herein are from sources other than direct test data on the substance itself. Although reasonable care has been taken in the preparation of this document, we extend no warranties, expressed or implied, and make no representations as to the accuracy or completeness of the information contained herein, and assume no responsibility regarding the suitability of this information for the user's intended purposes or for the consequences of its use. Each individual user should make a determination as to the suitability of the information or product for his/her particular purpose(s). The conditions or methods of handling, storage, use, and disposal of the product are beyond our control and may be beyond our knowledge. Therefore, we do not assume responsibility and expressly disclaim any liability for loss, damage, or expense arising out of or in any way connected with handling, storage, use, or disposal of the product.