SAFETY DATA SHEET

| 1. Identification | | | |
|--|---|---|--|
| Product identifier | PROPANE (UNBRANDED) | | |
| Other means of identification SDS number | 10129 | | |
| Synonym(s) | LPG * LIQUEFIED PETROLEUM GAS * C3 | | |
| Recommended use | Chemical feedstock. Home heating. Fuel. | | |
| Recommended restrictions | - | assessment is completed, prior to commencement of | |
| | that use, which demonstrates that the use wi | | |
| Manufacturer/Importer/Supplier/ | Distributor information | | |
| Manufacturer | | | |
| Supplier | | | |
| | Flint Hills Resources, LP 4111 E. 37th St. North Wichita, KS 67220 67220-3203 United States | | |
| Telephone numbers – 24 hour emergency assistance | | | |
| Chemtrec Telephone numbers – general assistance | 800-424-9300 | | |
| 8-5 (M-F, CST) MSDS Assistance | 316-828-7988 | | |
| Email: | msdsrequest@fhr.com | | |
| 2. Hazard(s) identification | | | |
| Physical hazards | Flammable gases | Category 1 | |
| | Gases under pressure | Liquefied gas | |
| Health hazards | Not classified. | | |
| OSHA defined hazards | Simple asphyxiants | Classified | |
| Label elements | | | |
| | | | |
| Signal word | Danger | | |
| Hazard statement | Extremely flammable gas. Contains gas under pressure; may explode if heated. May displace oxygen and cause rapid suffocation. | | |
| Prevention | Keep away from heat/sparks/open flames/hot surfaces No smoking. | | |
| Response | Leaking gas fire: Do not extinguish, unless leak can be stopped safely. Eliminate all ignition sources if safe to do so. | | |
| Storage | Protect from sunlight. Store in a well-ventilated place. | | |
| Disposal | Not applicable. | Not applicable. | |
| Hazard(s) not otherwise classified (HNOC) | Not classified. | | |

3. Composition/information on ingredients

| Components | Common name and synonyms | CAS number | % |
|------------|--------------------------|------------|------------|
| PROPANE | | 74-98-6 | 90 - 100 % |

| Additional components Chemical name | | CAS number | % |
|--|---|--|---|
| ETHANE | | 74-84-0 | 0 - 6 |
| PROPYLENE | | 115-07-1 | 0 - 5 |
| ISOBUTANE | | 75-28-5 | 0 - 2.5 |
| n-BUTANE | | 106-97-8 | 0 - 1 |
| ETHYL MERCAPTAN | | 75-08-1 | 0 - 0.005 |
| Composition comments | Ethyl mercaptan is used in propane as a malo | odorant. | |
| | Values do not reflect absolute minimums and from time to time. | maximums; these values a | re typical which may |
| | This Safety Data Sheet is intended to communate hazards associated with the product(s) covered product specification information. For product Resources, LP representative. | ed by this sheet, and is not i | intended to commun |
| 4. First-aid measures | | | |
| Inhalation | Remove to fresh air. If not breathing, institute airway is clear and give oxygen. If heart has resuscitation (CPR). | | |
| | Keep affected person warm and at rest. GET | IMMEDIATE MEDICAL ATT | ENTION. |
| Skin contact | For frostbite or freeze burns, keep affected ar GET IMMEDIATE MEDICAL ATTENTION. | ea warm by immersing or fl | ushing with warm wa |
| Eye contact | Flush immediately with large amounts of wate away from the eyeball to ensure thorough rins | r for at least 15 minutes. E sing. GET IMMEDIATE MED | yelids should be hel DICAL ATTENTION. |
| Ingestion | Due to the volatile nature of this material, inge | estion is not a likely route of | exposure. |
| Most important symptoms/effects, acute and delayed | INHALATION: Asphyxiant gas. High concentrations in the in feeling of suffocation and can cause central n Symptoms may include headache, excitation, light-headedness, blurred vision, fatigue, trem respiratory arrest and death, depending on the | ervous system depression f euphoria, dizziness, incoor lors, convulsions, loss of co | from oxygen depriva dination, drowsiness insciousness, coma |
| | Breathing high concentrations of this material abuse, can cause irregular heartbeats which o | | space or by intentio |
| | SKIN: Direct contact with compressed gas may caus contact may result in tissue destruction and se | | l skin damage. Shor |
| | EYES: Direct contact with compressed gas may caus Vapors may also produce eye irritation. | se frostbite (cold burns) and | l permanent damage |
| | INGESTION: Not a normal route of exposure. | | |
| Indication of immediate medical attention and special treatment needed | INHALATION: This material (or a component) sympathomimetic amines. Epinephrine and o arrhythmias in individuals exposed to this mat should be avoided. | other sympathomimetic drug | s may initiate cardia |
| 5. Fire-fighting measures | | | |
| Suitable extinguishing media | Use water spray, dry chemical or carbon dioxi | de to extinguish fire. | |
| Unsuitable extinguishing media | Do not direct water at spill or source of leak. | | |

| Specific hazards arising from the chemical | Combustion may produce COx, SOx, reactive hydrocarbons, irritating vapors, and other decomposition products in the case of incomplete combustion. |
|---|--|
| | Material will burn in a fire. |
| | Vapors may form explosive mixtures with air. Vapors can travel to a source of ignition and flash back. |
| Special protective equipment and precautions for firefighters | Explosion hazard if exposed to extreme heat. Shut off source of flow, if possible. |
| and precautions for menginers | Do not attempt to extinguish fire if gas source cannot be shut off first. |
| | Evacuate area and fight fire from a safe distance. |
| | If leak or spill has not ignited, ventilate area and use water spray to disperse gas or vapor, cool adjacent structures, and to protect personnel attempting to stop a leak. |
| | Containers can build up pressure if exposed to heat (fire). Stay away from storage tank ends. Withdraw immediately in case of rising sound from venting safety device or any discoloration of storage tank due to fire. Always stay away from tanks engulfed in flame. |
| | Be aware that a BLEVE (Boiling Liquid Expanding Vapor Explosion) may occur unless surfaces are kept cool with water. |
| | Firefighters must wear NIOSH approved positive pressure breathing apparatus (SCBA) with full face mask and full protective equipment. |
| 6. Accidental release meas | sures |
| Personal precautions, protective equipment and emergency procedures | Eliminate and/or shut off ignition sources and keep ignition sources out of the area. Keep unnecessary people away; isolate hazard area and deny entry. For spills in confined areas, ensure adequate ventilation. For spills outdoors, stay upwind. IF TANK, RAILCAR OR TANK TRUCK IS INVOLVED IN A FIRE, isolate for 1600 meters (1 mile) in all directions. Evacuate area endangered by release as required. Wear appropriate personal protective equipment. See Exposure Controls/Personal Protection (Section 8). |
| Methods and materials for containment and cleaning up | Keep unnecessary people away. Isolate area for at least 100 meters (330 feet) in all directions to preserve public safety. For large leaks, consider initial evacuation for at least 800 meters (1/2 mile). |
| | Keep ignition sources out of area and shut off all ignition sources. Use water spray to reduce vapors. For leaks in confined areas, ensure adequate ventilation. Stop leak when safe to do so. |
| | See Exposure Controls/Personal Protection (Section 8). |
| Environmental precautions | If material is released to the environment, take immediate steps to stop release. Caution should be exercised regarding personnel safety and exposure to the released material. Notify local authorities and the National Response Center, if required. |
| 7. Handling and storage | |
| Precautions for safe handling | Bond and ground lines and equipment (tank, transfer lines, pump, floats, etc.) used during transfer to reduce the possibility of static spark-initiated fire or explosion. Use non-sparking tools. Do not use electronic devices while handling, unless the device is certified as intrinsically safe as they could present ignition sources. |
| | Avoid contact with strong oxidizers. Avoid release to the environment. Do not cut, grind, drill, weld (or introduce any other ignition source) on empty containers. Do not reuse containers unless adequate precautions are taken. |
| | Contents under pressure. Containers and delivery lines may be cold enough to present frostbite hazards. Gas can accumulate in confined spaces and limit oxygen availability for breathing. Use adequate ventilation. |
| | Avoid personal contact with this material. Always observe good personal hygiene measures, such as removing contaminated clothing and protective equipment, washing after handling the material and before entering public areas. Restrict eating, drinking and smoking to designated areas to prevent personal chemical contamination. Routinely wash work clothing and protective equipment to remove contaminants. Do not breathe gas. |

Store in tightly closed containers in a cool, dry, isolated, well-ventilated area away from heat, sources of ignition and incompatibles. Ground/bond container and equipment. Avoid contact with strong oxidizers. Empty containers may contain material residue. Do not reuse without adequate precautions. Store in gas cylinders in cool, dry, isolated, well-ventilated area away from heat, sources of ignition and incompatibles.

8. Exposure controls/personal protection

| Material | Туре | Value | |
|----------------------------------|--------------|------------------------|--|
| PROPANE (UNBRANDED) | PEL | 1800 mg/m3 | |
| | | 1000 ppm | |
| Components | Туре | Value | |
| PROPANE (CAS 74-98-6) | PEL | 1000 ppm | |
| Additional components | Туре | Value | |
| ETHYL MERCAPTAN (CAS 75-08-1) | Ceiling | 25 mg/m3 | |
| | | 10 ppm | |
| U.S Minnesota (MNOSHA) | | | |
| Components | Туре | Value | |
| PROPANE (CAS 74-98-6) | TWA | 1000 ppm | |
| Additional components | Туре | Value | |
| n-BUTANE (CAS 106-97-8) | TWA | 800 ppm | |
| US. ACGIH Threshold Limit Values | _ | | |
| Additional components | Туре | Value | |
| n-BUTANE (CAS 106-97-8) | STEL | 1000 ppm | |
| ISOBUTANE (CAS 75-28-5) | STEL | 1000 ppm | |
| PROPYLENE (CAS 115-07-1) | TWA | 500 ppm | |
| ETHYL MERCAPTAN (CAS 75-08-1) | TWA | 0.5 ppm | |
| US. NIOSH: Pocket Guide to Chem | ical Hazards | | |
| Material | Туре | Value | |
| PROPANE (UNBRANDED) | TWA | 1800 mg/m3 1000 ppm | |
| Components | Туре | Value | |
| PROPANE (CAS 74-98-6) | TWA | 1000 ppm | |
| Additional components | Туре | Value | |
| n-BUTANE (CAS 106-97-8) | TWA | 800 ppm | |
| ISOBUTANE (CAS 75-28-5) | TWA | 800 ppm | |
| ÈTHYL MERĆAPTAN (CAS 75-08-1) | Ceiling | 1.3 mg/m3 | |
| | | 0.5 ppm | |

US. California Code of Regulations, Title 8, Section 5155. Airborne Contaminants

| ETHYL MERCAPTAN (CAS 75-08-1) | 1 MGM3 - 0.5 PPM |
|-------------------------------|----------------------|
| n-BUTANE (CAS 106-97-8) | 1900 MGM3 - 800 PPM |
| PROPANE (CAS 74-98-6) | 1800 MGM3 - 1000 PPM |

| Appropriate engineering controls | Consider the following when employing engineering controls and selecting personal protective equipment: potential hazards of the material, applicable exposure limits, job activities, and other substances in the work place. Explosion-proof ventilation and other forms of engineering controls are the preferred means for controlling exposures below occupational exposure limits and guidelines. |
|----------------------------------|---|
| Individual protection measures | , such as personal protective equipment |
| Eye/face protection | Keep away from eyes. Eye contact can be avoided by using chemical safety glasses, goggles and/or face shield. Have eye washing facilities readily available where eye contact can occur. |
| Hand protection | Avoid skin contact with this material. Use chemical resistant gloves when handling this material. Contact the glove manufacturer for specific advice on glove selection regarding permeability and breakthrough times for your use conditions. Gloves should be discarded and replaced if there is any indication of degradation or chemical breakthrough. Wear cold insulating gloves. |
| Other | Avoid skin contact with this material. Additional protective clothing may be necessary. |
| Respiratory protection | If ventilation cannot reduce airborne concentrations below acceptable limits, appropriate respiratory protection should be used. Use a supplied air respirator. Material may displace oxygen. Ensure that sufficient oxygen is present. |
| Thermal hazards | Direct contact with compressed gas may cause frostbite (cold burns) and permanent damage. Wear appropriate thermal protective clothing. Additional protection may be necessary to prevent skin contact including use of apron, arm covers, face shield, or boots. |

9. Physical and chemical properties

| Appearance | |
|--|---|
| Physical state | Gas. |
| Form | Gas at room temperature and pressure; liquid under high pressure |
| Color | Colorless |
| Odor | Faint at high concentration Mercaptan odorant (natural gas odor) added prior to shipping |
| Odor threshold | Not available. |
| рН | Not available |
| Melting point/freezing point | -310 °F (-190 °C) |
| Initial boiling point and boiling range | -44 ºF (-42.2 °C) |
| Flash point | -156 °F (-104.44 °C) |
| Evaporation rate | Liquid boils rapidly to gas at room temperature |
| Flammability (solid, gas) | Flammable gas. |
| Upper/lower flammability or exp | |
| Flammability limit - lower (%) | 2 % |
| Flammability limit - upper (%) | 9.5 % |
| Explosive limit - lower (%) | See flammability limit |
| Explosive limit - upper (%) | See flammability limit |
| Vapor pressure | 953.25 kPa at 25 ℃ |
| | 101.32 kPa at 25 ℃ |
| | 175 - 208 psi at 100 ⁰F (38 ℃) |
| Vapor density | 1.5 |
| Relative density | 0.49 - 0.51 at 60/60 ℉ (15.6/15.6 ℃) |
| Solubility(ies) | Slightly soluble |
| Partition coefficient (n-octanol/water) | Not available |
| | |
| Auto-ignition temperature | 842 °F (450 °C) |
| Auto-ignition temperature Decomposition temperature | 842 ℉ (450 ℃) 1202 ℉ (650 ℃) |

| Other information | |
|-------------------|-----------------------|
| Bulk density | 4.09 - 4.24 lb/gal |
| Chemical family | Aliphatic Hydrocarbon |
| Molecular formula | C3H8 |
| Molecular weight | 44.09 |
| Percent volatile | 100 % |
| VOC (Weight %) | 100 % |

10. Stability and reactivity

| Reactivity | See statements below. |
|---------------------------------------|---|
| Chemical stability | Material is stable under normal conditions. |
| Possibility of hazardous reactions | Not anticipated under normal conditions. |
| Conditions to avoid | Avoid unventilated areas, heat, open flames, sparks and ungrounded electrical equipment. |
| Incompatible materials | Incompatible with strong oxidizers. See precautions under Handling & Storage (Section 7). |
| Hazardous decomposition products | Not anticipated under normal conditions. |

11. Toxicological information

Information on likely routes of exposure

| Ingestion | Not a likely route of exposure | |
|--|--|--|
| Inhalation | Likely route of exposure | |
| Skin contact | Likely route of exposure | |
| Eye contact | Likely route of exposure | |
| Symptoms related to the physical, chemical and toxicological characteristics | INHALATION: Asphyxiant gas. High concentrations in the immediate area can displace oxygen causing the feeling of suffocation and can cause central nervous system depression from oxygen deprivation Symptoms may include headache, excitation, euphoria, dizziness, incoordination, drowsiness, light-headedness, blurred vision, fatigue, tremors, convulsions, loss of consciousness, coma, respiratory arrest and death, depending on the concentration and duration of exposure. | |
| | Breathing high concentrations of abuse, can cause irregular hearth | his material, for example, in a confined space or by intentional eats which can cause death. |
| SKIN: Direct contact with compressed gas may cause frostbite (cold burns) and skin damag term contact may result in tissue destruction and severe burns. | | |
| | EYES: Direct contact with compressed gas may cause frostbite (cold burns) and permanent Vapors may also produce eye irritation. | |
| | INGESTION: Not a normal route of exposure. | |
| Information on toxicological effe | ects | |
| Acute toxicity | Not classified. | |
| Components | Species | Test Results |
| PROPANE (CAS 74-98-6) Acute Inhalation | | |
| LC50 | Mouse | 1237 mg/l, 2 hr |
| Skin corrosion/irritation | Not classified. | |
| Serious eye damage/eye irritation | Not classified. | |
| Respiratory sensitization | Not classified. | |
| Skin sensitization | Not classified. | |
| Germ cell mutagenicity | Not classified. | |

| Carcinogenicity | Not classified. | |
|--|---|--|
| ACGIH Carcinogens | | |
| PROPYLENE (CAS 115 IARC Monographs. Overall | i-07-1) Evaluation of Carcinogenicity | A4 Not classifiable as a human carcinogen. |
| PROPYLENE (CAS 115 | 5-07-1) | 3 Not classifiable as to carcinogenicity to humans. |
| Reproductive toxicity | Not classified. | |
| Specific target organ toxicity - single exposure | Not classified. | |
| Specific target organ toxicity - repeated exposure | Not classified. | |
| Aspiration toxicity | Not classified. | |
| Toxicological data | | |
| | nervous system depressant. hydrocarbon nephropathy in r The International Agency for evidence in experimental anir | high levels propylene gas acts as a general anesthetic and central Studies in laboratory animals indicate evidence of mild, reversible male rats exposed to levels of 1000-4,500 ppm propylene for 90-days. Research in Cancer (IARC) has determined that there is inadequate mals for the carcinogenicity of propylene. Overall evaluation: as to its carcinogenicity to humans (Group 3). |
| | some alkane or alkene gases | poratory animals indicate that exposure to high levels (1-10%) of may cause cardiac arrhythmias (irregular heartbeats) which may be ences of ventricular fibrillation and fatalities have also been reported Is containing these materials. |

12. Ecological information

| 0 | |
|-------------------------------|--|
| Ecotoxicity | Material not classified as harmful to aquatic organisms. |
| Persistence and degradability | Readily biodegradable in the environment. |
| Bioaccumulative potential | Not likely to bioaccumulate in aquatic organisms. |
| Mobility in soil | After release, disperses into the air. |
| Other adverse effects | No other adverse effects expected. |
| | |

13. Disposal considerations

| Disposal instructions | This material, as supplied, when discarded or disposed of, is a hazardous waste according to Federal Regulations due to the material exhibiting a hazardous characteristic under Subpart C of 40 CFR 261. Under RCRA, it is the responsibility of the user of the material to determine, at the time of disposal, whether the material meets RCRA criteria for hazardous waste. |
|---------------------------------------|---|
| | The transportation, storage, treatment and disposal of waste material must be conducted in compliance with federal, state, and local regulations. Under RCRA it is the responsibility of the user of the material to determine, at the time of disposal, whether this material meets RCRA criteria for hazardous waste. |
| | For additional handling information and protection of employees, see Section 7 (Handling and Storage) and Section 8 (Exposure Controls/Personal Protection). |
| Hazardous waste code | The proper waste code must be evaluated at the time of disposal and should be determined by the user and waste disposal company. |
| Waste from residues / unused products | Dispose of this material in accordance with all applicable local and national regulations. |
| Contaminated packaging | Empty containers should be taken to an approved waste handling site for recycling or disposal in accordance with government regulations. Packaging may contain residue that can be hazardous. |

14. Transport information

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not classified for MARPOL. Please contact the Transportation Compliance CSO if transportation mode is ship or vessel to determine the need for a MARPOL classification. **General information**

BILL OF LADING - BULK (U. S. DOT): UN1075, Petroleum Gases, Liquified, 2.1*

BILL OF LADING - NON-BULK (U. S. DOT): UN1075, Petroleum Gases, Liquified, 2.1*

The following language shall be added to the proper shipping description for liquefied petroleum gas:

The words "NONCORROSIVE" or "NONCOR" to indicate the suitability for shipping "NONCORROSIVE" liquefied petroleum gas in a cargo tank made of quenched and tempered steel as authorized by 49 CFR 173.315(a); or

The words "NOT FOR Q AND T TANKS" for grades of liguefied petroleum gas other than "Noncorrosive".

The above description may not cover shipping in all cases, please consult 49 CFR 100-185 for specific shipping information or Transport Compliance Specialist (CSO).

15. Regulatory information

US federal regulations

All ingredients are on the TSCA inventory, or are not required to be listed on the TSCA inventory.

A release of this material, as supplied, may be exempt from reporting under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA - 40 CFR 302) by the petroleum exclusion. Releases may be reportable to the National Response Center (800-424-8802) under the Clean Water Act, 33 U.S.C. 1321(b)(3) and (5).

This material contains toxic chemical(s) in excess of the applicable de minimis concentration that are subject to the annual toxic chemical release reporting requirements of the Superfund Amendments and Reauthorization Act (SARA) Section 313 (40 CFR 372). This information must be included in all SDSs that are copied and distributed for this material.

Check local, regional or state/provincial regulations for any additional requirements as these may be more restrictive than federal laws and regulations. Failure to comply may result in substantial civil and criminal penalties.

US EPCRA (SARA Title III) Section 313 - Toxic Chemical: De minimis concentration

| PROPYLENE (CAS 115-0 | 07-1) | 1.0 % | | |
|--|--|---------------------------------|--|--|
| US. OSHA Specifically Regu | llated Substances (29 CFR 19 |)10.1001-1050) | | |
| Not listed. | | | | |
| US EPCRA (SARA Title III) S | ection 313 - Toxic Chemical: | Listed substance | | |
| PROPYLENE (CAS 115-07-1) | | Listed. | | |
| CERCLA Hazardous Substa | nce List (40 CFR 302.4) | | | |
| ETHYL MERCAPTAN (CAS 75-08-1) | | LISTED | | |
| ISOBUTANE (CAS 75-28-5) | | LISTED | | |
| n-BUTANE (CAS 106-97-8) | | LISTED | | |
| PROPANE (CAS 74-98-6) | | LISTED | | |
| PROPYLENE (CAS 115-07-1) | | LISTED | | |
| | estances: Reportable quantity | | | |
| ETHYL MERCAPTAN (CAS 75-08-1) | | 100 LBS | | |
| ISOBUTANE (CAS 75-28-5) | | 100 LBS | | |
| n-BUTANE (CAS 106-97-8) | | 100 LBS | | |
| PROPANE (CAS 74-98-6) PROPYLENE (CAS 115-07-1) | | 100 LBS 100 LBS | | |
| | , | dous Spill: Reportable quantity | | |
| · · · · · · | | dous opin. Reportable quantity | | |
| Not regulated. | | | | |
| Superfund Amendments and Reauthorization Act of 1986 (SARA) | | | | |
| Hazard categories | Immediate Hazard - Yes | | | |
| | Delayed Hazard - No Fire Hazard - Yes | | | |
| | Pressure Hazard - Yes | | | |
| | Reactivity Hazard - No | | | |
| Other federal regulations | | | | |
| Clean Air Act (CAA) Section | 112 Hazardous Air Pollutant | s (HAPs) List | | |
| Not regulated. | | | | |
| Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130) | | | | |
| ETHANE (CAS 74-84-0) | | | | |
| ETHYL MERCAPTAN (C | AS 75-08-1) | | | |
| Material names DDODANE (UNDDAN | | | | |

ISOBUTANE (CAS 75-28-5) n-BUTANE (CAS 106-97-8) PROPANE (CAS 74-98-6) PROPYLENE (CAS 115-07-1)

US. California Proposition 65

Based on available information this product does not contain any components or chemicals currently known to the State of California to cause cancer, birth defects or reproductive harm at levels which would be subject to Proposition 65. Reformulation, use or processing of this material may affect its composition and require re-evaluation.

16. Other information, including date of preparation or last revision

| Issue date | 01-15-2015 |
|----------------------|--|
| Version # | 01 |
| Further information | Not available. |
| HMIS® ratings | Health: 1 Flammability: 4 Physical hazard: 0 |
| NFPA ratings | Health: 1 Flammability: 4 Instability: 0 |
| Disclaimer | THIS SDS HAS BEEN PREPARED TO COMPLY WITH FEDERAL REGULATIONS THAT ARE INTENDED TO QUICKLY PROVIDE USEFUL INFORMATION TO THE USER(S) OF THIS MATERIAL OR PRODUCT - IT IS NOT INTENDED TO SERVE AS A COMPREHENSIVE DISCUSSION OF ALL POSSIBLE RISKS OF HAZARDS, BUT RATHER PROVIDES INFORMATION GENERALLY ACCEPTED IN THE SCIENTIFIC COMMUNITY AS RELEVANT REGARDING THE POTENTIAL HAZARDS OF THIS PRODUCT. ADEQUATE TRAINING, INSTRUCTION, WARNINGS AND SAFE HANDLING PROCEDURES SHOULD BE PROVIDED TO HANDLERS AND USERS. USERS SHOULD REVIEW THE INFORMATION IN THE SDS, AND SATISFY THEMSELVES AS TO ITS SUITABILITY AND COMPLETENESS, INCLUDING ENSURING THAT THIS IS THE MOST CURRENT SDS. |
| Revision Information | Product and Company Identification: Product and Company Identification Physical & Chemical Properties: Multiple Properties |
| Completed by | Flint Hills Resources, LP - Operations EH&S |