ROUGSECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY

Product Identifier

Product Form: Mixture

Product Name: Ethane/Propane Mix

Synonyms: Commercial Propane, LP-Gas, Liquefied Petroleum Gas, Dimethylmethane

CAS No. 74-84-0 & 74-98-6

Intended Use of the Product

Use of the Substance/Mixture: Fuel.

Name, Address, and Telephone of the Responsible Party

Company

Williams, Inc.
One Williams Center
Tulsa, OK 74172, US
T 800-945-5426
ehs@williams.com

Emergency Telephone Number

Emergency number: Chemtrec - 800-424-9300

SECTION 2: HAZARDS IDENTIFICATION

Classification of the Substance or Mixture

Classification (GHS-US)

Simple Asphy
Flam. Gas 1 H220
Compressed gas H280

Label Elements

GHS-US Labeling

Hazard Pictograms (GHS-US):

Danger

01/25/2016 EN (English US)
Hazard Statements (GHS-US): 
- H220 - Extremely flammable gas
- H280 - Contains gas under pressure; may explode if heated
  May displace oxygen and cause rapid suffocation

Precautionary Statements (GHS-US): 
- P210 - Keep away from heat, sparks, open flames, hot surfaces. - No smoking.
- P377 - Leaking gas fire: Do not extinguish, unless leak can be stopped safely
- P381 - Eliminate all ignition sources if safe to do so
- P403 - Store in a well-ventilated place
- P410+P403 - Protect from sunlight. Store in a well-ventilated place

Other Hazards

Other Hazards Not Contributing to the Classification: Exposure may aggravate those with pre-existing eye, skin, or respiratory conditions. Asphyxiant gas, can be fatal. May cause damage to the blood, central nervous system, and cardiovascular system. High concentrations of gas can cause unconsciousness and death.

Unknown Acute Toxicity (GHS-US) Not available

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Mixture

<table>
<thead>
<tr>
<th>NAME</th>
<th>PRODUCT IDENTIFIER</th>
<th>% (W/W)</th>
<th>CLASSIFICATION (GHS-US)</th>
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<tbody>
<tr>
<td>Ethane</td>
<td>(CAS No) 74-84-0</td>
<td>&lt;80</td>
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<tr>
<td>Propane</td>
<td>(CAS No) 74-98-6</td>
<td>&lt;25</td>
<td>Simple Asphy Flam. Gas 1, H220 Liquefied gas, H280</td>
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<tr>
<td>Methane</td>
<td>(CAS No) 74-98-6</td>
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<td>Propylene</td>
<td>(CAS No) 115-07-1</td>
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<tr>
<td>Butane</td>
<td>(CAS No) 106-97-8</td>
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<td>Simple Asphy Flam. Gas 1, H220 Liquefied gas, H280</td>
</tr>
<tr>
<td>Isobutane</td>
<td>(CAS No) 75-28-5</td>
<td>&lt;2</td>
<td>Simple Asphy Flam. Gas 1, H220 Liquefied gas, H280</td>
</tr>
</tbody>
</table>

Full text of H-phrases: see section 16
SECTION 4: FIRST AID MEASURES

Description of First Aid Measures

General: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible). If frostbite or freezing occurs, immediately flush with plenty of lukewarm water to GENTLY warm the affected area. Do not use hot water. Do not rub affected area. Get immediate medical attention.

Inhalation: When symptoms occur: go into open air and ventilate suspected area. Remove to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER/doctor/physician if you feel unwell.

Skin Contact: Remove contaminated clothing. Drench affected area with water for at least 15 minutes. Obtain medical attention if irritation persists. Thaw frosted parts with lukewarm water. Do not rub affected area.

Eye Contact: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention if irritation persists.

Ingestion: Rinse mouth. Do NOT induce vomiting. Get immediate medical attention.

Most Important Symptoms and Effects Both Acute and Delayed

General: May cause frostbite on contact with the liquid. Propane is an asphyxiant. Lack of oxygen can be fatal.

Inhalation: Gas can be toxic as a simple asphyxiant by displacing oxygen from the air. Asphyxia by lack of oxygen: risk of death. May cause drowsiness or dizziness.

Skin Contact: Contact with the liquid may cause cold burns/frostbite.

Eye Contact: This gas is non-irritating; but direct contact with liquefied/pressurized gas or frost particles may produce severe and possibly permanent eye damage from freeze burns.

Ingestion: Ingestion is not considered a potential route of exposure. Non-irritating; but solid and liquid forms of this material and pressurized gas may cause freeze burns.

Chronic Symptoms: Not available

Indication of Any Immediate Medical Attention and Special Treatment Needed

If exposed or concerned, get medical advice and attention.

SECTION 5: FIREFIGHTING MEASURES

NFPA 704 Hazard Class

Health: 2   Flammability: 4   Instability: 0

0 (Minimal)
1 (Slight)
2 (Moderate)
3 (Serious)
4 (Severe)
**Extinguishing Media**

**Suitable Extinguishing Media:** Foam, dry chemical, carbon dioxide, water spray, fog

**Unsuitable Extinguishing Media:** Do not use a heavy water stream. Use of heavy stream of water may spread fire.

**Special Hazards Arising From the Substance or Mixture**

**Fire Hazard:** Extremely flammable gas

**Explosion Hazard:** May form flammable/explosive vapor-air mixture. Heating may cause an explosion. Heat may build pressure, rupturing closed containers, spreading fire and increasing risk of burns and injuries.

**Reactivity:** Hazardous reactions will not occur under normal conditions.

**Advice for Firefighters**

**Precautionary Measures Fire:** Exercise caution when fighting any chemical fire

**Firefighting Instructions:** Leaking gas fire: Do not extinguish, unless leak can be stopped safely. In case of leaking gas fire, eliminate all ignition sources if safe to do so. Use water spray or fog for cooling exposed containers. In case of major fire and large quantities: Evacuate area. Fight fire remotely due to the risk of explosion.

**Protection During Firefighting:** Do not enter fire area without proper protective equipment, including respiratory protection.

**Hazardous Combustion Products:** Carbon oxides (CO, CO₂), hydrocarbons, sulfur oxides.

**Other information:** Do not allow run-off from fire fighting to enter drains or water courses

**Reference to Other Sections**

Refer to section 9 for flammability properties.

---

**SECTION 6: ACCIDENTAL RELEASE MEASURES**

**Personal Precautions, Protective Equipment and Emergency Procedures**

**General Measures:** Use special care to avoid static electric charges. Eliminate every possible source of ignition. Keep away from heat/sparks/open flames/hot surfaces - No smoking. Avoid breathing (gas, vapor, mist, spray). Use only outdoors or in a well-ventilated area. Ruptured cylinders may rocket. Do not allow product to spread into the environment.

**Action To Be Taken For Spills:** Eliminate all sources of ignition and leaks. Warn all occupants of downwind areas of explosion potential. Use self-contained breathing apparatus or full-face supplied air respirator and protective firefighting clothing. Ground and bond all containers and handling equipment. Spills of this liquefied gas may form ice, which can plug drains and can make valves inoperable. Contact of water with liquefied gas can result in boiling, frothing and rapid generation of vapor.

**For Non-Emergency Personnel**

**Protective Equipment:** Use appropriate personal protection equipment (PPE).

**Emergency Procedures:** Evacuate unnecessary personnel.

**For Emergency Personnel**

**Protective Equipment:** Equip cleanup crew with proper protection.

**Emergency Procedures:** Ventilate area.
Environmental Precautions
Prevent entry to sewers and public waters. Avoid release to the environment.

Methods and Material for Containment and Cleaning Up

For Containment: Notify authorities if liquid enters sewers or public waters. Use only non-sparking tools.

Methods for Cleaning Up: Clear up spills immediately and dispose of waste safely. Isolate area until gas has dispersed. Use water spray to disperse vapors. For water based spills contact appropriate authorities and abide by local regulations for hydrocarbon spills into waterways. Contact competent authorities after a spill.

Reference to Other Sections
See heading 8, Exposure Controls and Personal Protection.

SECTION 7: HANDLING AND STORAGE

Precautions for Safe Handling

Additional Hazards When Processed: Handle empty containers with care because residual vapors are flammable. Extremely flammable gas. Do not pressurize, cut, or weld containers. Do not puncture or incinerate container. Liquid gas can cause frost-type burns

Hygiene Measures: Handle in accordance with good industrial hygiene and safety procedures. Wash hands and other exposed areas with mild soap and water before eating, drinking, or smoking and again when leaving work. Do no eat, drink or smoke when using this product

Conditions for Safe Storage, Including Any Incompatibilities

Technical Measures: Proper grounding procedures to avoid static electricity should be followed. Comply with applicable regulations.

Storage Conditions: Store in a dry, cool and well-ventilated place. Keep container closed when not in use. Keep in fireproof place. Store in a well-ventilated place. Keep container tightly closed. Keep/Store away from extremely high or low temperatures, ignition sources, direct sunlight, incompatible materials. Store in original container.

Incompatible Materials: Strong oxidizers, strong acids, strong bases, halogens, chlorine.

Specific End Use(s): Fuel.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>ACGIH</th>
<th>OSHA</th>
<th>NIOSH</th>
</tr>
</thead>
<tbody>
<tr>
<td>Propane</td>
<td>Minimal oxygen content - asphyxia</td>
<td>TWA: 1000 ppm TWA: 1800 mg/m³</td>
<td>REL (TWA): 1000 ppm REL (TWA): 1800 mg/m³ IDLH: 2100 PPM (10%)</td>
</tr>
<tr>
<td>Ethane</td>
<td>Minimal oxygen content - asphyxia</td>
<td>1926.55 - Simple asphyxiant</td>
<td>--</td>
</tr>
</tbody>
</table>
ETHANE/PROPANE MIX
Safety Data Sheet
according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

<table>
<thead>
<tr>
<th></th>
<th>STEL: 1000 ppm</th>
<th>1926.55 - Simple asphyxiant</th>
<th>REL (TWA): 800 ppm</th>
<th>REL (TWA):1900 mg/m³</th>
</tr>
</thead>
<tbody>
<tr>
<td>Methane</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Propylene</td>
<td>TWA: 500 ppm</td>
<td>--</td>
<td>--</td>
<td></td>
</tr>
<tr>
<td>Butane (106-97-8)</td>
<td>STEL: 1000 ppm</td>
<td>--</td>
<td>REL (TWA): 800 ppm</td>
<td>REL (TWA):1900 mg/m³</td>
</tr>
<tr>
<td>Isobutane (75-28-5)</td>
<td>STEL: 1000 ppm</td>
<td>--</td>
<td>REL (TWA): 800 ppm</td>
<td>REL (TWA):1900 mg/m³</td>
</tr>
</tbody>
</table>

Note: State province, local or other agencies or advisory groups may have established more stringent limits. Consult an industrial hygienist or similar professional, or your local agencies, for further information.

**Exposure Controls**

**Appropriate Engineering Controls:** Gas detectors should be used when flammable gases/vapours may be released. Ensure adequate ventilation, especially in confined areas. Proper grounding procedures to avoid static electricity should be followed. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Use explosion-proof equipment.

**Personal Protective Equipment:** Protective goggles. Protective clothing. Respiratory protection of the dependent type. Insulated gloves.

**Materials for Protective Clothing:** Chemically resistant materials and fabrics. Wear fire/flame resistant/retardant clothing.

**Hand Protection:** Wear chemically resistant protective gloves. Insulated gloves

**Eye Protection:** Chemical goggles or safety glasses.

**Skin and Body Protection:** Wear appropriate protective clothing.

**Respiratory Protection:** Use a NIOSH-approved self-contained breathing apparatus whenever exposure may exceed established Occupational Exposure Limits.

**Thermal Hazard Protection:** Wear suitable protective clothing.

**Other Information:** When using, do not eat, drink or smoke.

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

**Information on Basic Physical and Chemical Properties**

- **Physical State:** Gas
- **Appearance:** Clear, Colorless gas, Liquefied compressed gas
- **Odor:** No distinct odor
**ETHANE/PROPANE MIX**

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

**PH** : Not available

**Relative Evaporation Rate (Air=1)** : > 1, rapid

**Melting Point** : Not available

**Freezing Point** : Not available

**Boiling Point** : -89 °C (-128.20 °F)

**Flash Point** : -135 °C (-211.00 °F)

**Auto-ignition Temperature** : >426.7°C (>800°F)

**Decomposition Temperature** : Not available

**Flammability (solid, gas)** : Extremely flammable gas

**Lower Flammable Limit** : 2.1 %

**Upper Flammable Limit** : 13 %

**Vapor Pressure** : 229000 mm Hg 21°C (70°F)

**Relative Vapor Density at 20 °C** : > 1 (air = 1)

**Relative Density** : 0.45 15.6°C (60°F)

**Specific Gravity** : Not available

**Solubility** : Moderate

**Explosion Data – Sensitivity to Mechanical Impact** : Not expected to present an explosion hazard due to mechanical impact

**Explosion Data – Sensitivity to Static Discharge** : Static Discharge could act as an ignition source

---

**SECTION 10: STABILITY AND REACTIVITY**

**Reactivity**: Hazardous reactions will not occur under normal conditions.

**Chemical Stability**: Extremely flammable gas. Stable at standard temperature and pressure.

**Possibility of Hazardous Reactions**: Hazardous polymerization will not occur.


**Incompatible Materials**: Strong acids, strong bases, strong oxidizers, halogenated compounds, chlorine.

**Hazardous Decomposition Products**: Carbon oxides (CO, CO2), hydrocarbons, sulfur oxides.

---

**SECTION 11: TOXICOLOGICAL INFORMATION**

**Information on Toxicological Effects - Product**

**Acute Toxicity**: Not classified

**LD50 and LC50 Data**: Not available

**Skin Corrosion/Irritation**: Not classified
Serious Eye Damage/Irritation: Not classified
Respiratory or Skin Sensitization: Not classified
Germ Cell Mutagenicity: Not classified
Teratogenicity: Not available
Carcinogenicity: Not classified
Specific Target Organ Toxicity (Repeated Exposure): Not classified
Reproductive Toxicity: Not classified
Specific Target Organ Toxicity (Single Exposure): Not classified
Aspiration Hazard: Not classified

Symptoms/Injuries after Inhalation: Gas can be toxic as a simple asphyxiant by displacing oxygen from the air. Asphyxia by lack of oxygen: risk of death. May cause drowsiness or dizziness.

Symptoms/Injuries after Skin Contact: Contact with the liquid may cause cold burns/frostbite.

Symptoms/Injuries after Eye Contact: This gas is non-irritating; but direct contact with liquefied/pressurized gas or frost particles may produce severe and possibly permanent eye damage from freeze burns.

Symptoms/Injuries after Ingestion: Ingestion is not considered a potential route of exposure. Non-irritating; but solid and liquid forms of this material and pressurized gas may cause freeze burns.

Information on Toxicological Effects - Ingredient(s)
LD50 and LC50 Data

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>LC50 Inhalation Rat (mg/l)</th>
<th>Exposure time</th>
</tr>
</thead>
<tbody>
<tr>
<td>PROPANE (74-98-6)</td>
<td>658 mg/l</td>
<td>4 h</td>
</tr>
<tr>
<td>ETHANE (74-84-0)</td>
<td>658 mg/l</td>
<td>4 h</td>
</tr>
<tr>
<td>PROPYLENE (115-07-1)</td>
<td>658 mg/l</td>
<td>4 h</td>
</tr>
<tr>
<td>BUTANE (106-97-8)</td>
<td>658 mg/l</td>
<td>4 h</td>
</tr>
<tr>
<td>ISOBUTANE (75-28-5)</td>
<td>658 mg/l</td>
<td>4 h</td>
</tr>
</tbody>
</table>
SECTION 12: ECOLOGICAL INFORMATION

GHS Classification:
No classified hazards

Persistence and Degradability

<table>
<thead>
<tr>
<th>ETHANE/PROPANE</th>
<th>Persistence and Degradability</th>
<th>Product is biodegradable.</th>
</tr>
</thead>
</table>

Bioaccumulative Potential

<table>
<thead>
<tr>
<th>ETHANE/PROPANE</th>
<th>Bioaccumulative Potential</th>
<th>Not expected to bioaccumulate.</th>
</tr>
</thead>
<tbody>
<tr>
<td>PROPA (74-98-6)</td>
<td>Log Pow</td>
<td>2.3</td>
</tr>
<tr>
<td>PROPYLENE</td>
<td>Bioaccumulative Potential</td>
<td>Not expected to bioaccumulate..89</td>
</tr>
<tr>
<td>ETHANE (74-84-0)</td>
<td>Log Pow</td>
<td>&lt;= 2.8</td>
</tr>
<tr>
<td>BUTANE (106-97-8)</td>
<td>Log Pow</td>
<td>2.89</td>
</tr>
<tr>
<td>ISOBUTANE (75-28-5)</td>
<td>BCF fish 1</td>
<td>1.57 – 1.97</td>
</tr>
<tr>
<td></td>
<td>Log Pow</td>
<td>2.88 (at 20 °C)</td>
</tr>
</tbody>
</table>

Mobility in Soil: Not available

Other Adverse Effects
Other adverse effects: Can cause frost damage to vegetation. Has photochemical ozone creation potential.

Other Information: Avoid release to the environment.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste Disposal Recommendations: Dispose of waste material in accordance with all local, regional, national, provincial, territorial and international regulations.

Additional Information: Handle empty containers with care because residual vapors are flammable. Empty gas cylinders should be returned to the vendor for recycling or refilling.
## SECTION 14: TRANSPORT INFORMATION

### UN Number

**UN-No.(DOT):** UN 1075  
**DOT NA no.:** 1075

### UN Proper Shipping Name

- **DOT Proper Shipping Name:** UN 1075 Petroleum gases, liquefied, non-odorized, 2.1  
  
  Note: For all shipping papers, on non-odorized propane, include the statement "non-odorized, or not-odorized" to the proper shipping name (PSN) per 49 CFR 172.203(3)(p)

### Hazard Labels (DOT)

- **Hazard Labels (DOT):** 2.1 - Flammable gases

### DOT Special Provisions (49 CFR 172.102)

- **DOT Special Provisions (49 CFR 172.102):** 19 - For domestic transportation only, the identification number UN1075 may be used in place of the identification number specified in column (4) of the 172.101 table. The identification number used must be consistent on package markings, shipping papers and emergency response information.  
  
  T50 - When portable tank instruction T50 is referenced in Column (7) of the 172.101 Table, the applicable liquefied compressed gases are authorized to be transported in portable tanks in accordance with the requirements of 173.313 of this subchapter.

### DOT Packaging Exceptions (49 CFR 173.xxx)

- **DOT Packaging Exceptions (49 CFR 173.xxx):** 306

### DOT Packaging Non Bulk (49 CFR 173.xxx)

- **DOT Packaging Non Bulk (49 CFR 173.xxx):** 304

### DOT Packaging Bulk (49 CFR 173.xxx)

- **DOT Packaging Bulk (49 CFR 173.xxx):** 314;315

### Additional Information

- **Emergency Response Guide (ERG) Number:** 115

### Transport by sea

- **DOT Vessel Stowage Location:** E - The material may be stowed “on deck” or “under deck” on a cargo vessel and on a passenger vessel carrying a number of passengers limited to not more than the larger of 25 passengers, or one passenger per each 3 m of overall vessel length, but is prohibited from carriage on passenger vessels in which the limiting number of passengers is exceeded.

- **DOT Vessel Stowage Other:** 40 - Stow “clear of living quarters”

### Air transport

- **DOT Quantity Limitations Passenger Aircraft/Rail (49 CFR 173.27):** Forbidden

- **DOT Quantity Limitations Cargo Aircraft Only (49 CFR 175.75):** 150 kg
SECTION 15: REGULATORY INFORMATION

US Federal Regulations

CERCLA/SARA - Section 302 Extremely Hazardous Substances and TPQs (in pounds):
This material does not contain any chemicals subject to the reporting requirements of SARA 302 and 40 CFR 372.

CERCLA/SARA - Section 311/312 (Title III Hazard Categories)

Acute Health Hazard: Yes
Chronic Health Hazard: No
Fire Hazard: Yes
Pressure Hazard: Yes
Reactive Hazard: No

EPA (CERCLA) Reportable Quantity (in pounds):
EPA's Petroleum Exclusion applies to this material - (CERCLA 101(14)).

Canadian Regulations

<table>
<thead>
<tr>
<th>ETHANE / PROPANE MIX</th>
</tr>
</thead>
<tbody>
<tr>
<td>WHMIS Classification</td>
</tr>
<tr>
<td></td>
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</table>

<table>
<thead>
<tr>
<th>Propane (74-98-6)</th>
</tr>
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<tbody>
<tr>
<td>Listed on the Canadian DSL (Domestic Substances List)</td>
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<td>WHMIS Classification</td>
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<table>
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<tr>
<td>WHMIS Classification</td>
</tr>
<tr>
<td></td>
</tr>
</tbody>
</table>
Isobutane (75-28-5)
Listed on the Canadian DSL (Domestic Substances List) inventory.

WHMIS Classification
Class A - Compressed Gas
Class B Division 1 - Flammable Gas

Butane (106-97-8)
Listed on the Canadian DSL (Domestic Substances List) inventory.
Listed on the Canadian Ingredient Disclosure List

WHMIS Classification
Class A - Compressed Gas
Class B Division 1 - Flammable Gas

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all of the information required by CPR.

SECTION 16: OTHER INFORMATION

Revision date : 01/25/2016

Other Information : This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200

GHS Full Text Phrases:

<table>
<thead>
<tr>
<th>Compressed gas</th>
<th>Gases under pressure Compressed gas</th>
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</thead>
<tbody>
<tr>
<td>Flam. Gas 1</td>
<td>Flammable gases Category 1</td>
</tr>
<tr>
<td>Flam. Liq. 1</td>
<td>Flammable liquids Category 1</td>
</tr>
<tr>
<td>Liquefied gas</td>
<td>Gases under pressure Liquefied gas</td>
</tr>
<tr>
<td>Simple Asphy</td>
<td>Simple Asphyxiant</td>
</tr>
<tr>
<td>H220</td>
<td>Extremely flammable gas</td>
</tr>
<tr>
<td>H224</td>
<td>Extremely flammable liquid and vapor</td>
</tr>
<tr>
<td>H280</td>
<td>Contains gas under pressure; may explode if heated</td>
</tr>
</tbody>
</table>

Guide to Abbreviations:
ACGIH = American Conference of Governmental Industrial Hygienists; CASRN = Chemical Abstracts Service Registry Number; CEILING = Ceiling Limit (15 minutes); CERCLA = The Comprehensive Environmental Response, Compensation, and Liability Act; EPA = Environmental Protection Agency; GHS = Globally Harmonized System; IARC = International Agency for Research on Cancer; INSHT = National Institute for Health and Safety at Work; IOPC = International Oil Pollution Compensation; LEL = Lower Explosive Limit; NE = Not Established; NFPA = National Fire Protection Association.
ETHANE/PROPANE MIX

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Protection Association; NTP = National Toxicology Program; OSHA = Occupational Safety and Health Administration; PEL = Permissible Exposure Limit (OSHA); SARA = Superfund Amendments and Reauthorization Act; STEL = Short Term Exposure Limit (15 minutes); TLV = Threshold Limit Value (ACGIH); TWA = Time Weighted Average (8 hours); UEL = Upper Explosive Limit; WHMIS = Worker Hazardous Materials Information System (Canada)

Disclaimer of Expressed and implied Warranties:

The information presented in this Safety Data Sheet is based on data believed to be accurate as of the date this Safety Data Sheet was prepared. HOWEVER, NO WARRANTY OF MERCHANTABILITY, FITNESS FOR ANY PARTICULAR PURPOSE, OR ANY OTHER WARRANTY IS EXPRESSED OR IS TO BE IMPLIED REGARDING THE ACCURACY OR COMPLETENESS OF THE INFORMATION PROVIDED ABOVE, THE RESULTS TO BE OBTAINED FROM THE USE OF THIS INFORMATION OR THE PRODUCT, THE SAFETY OF THIS PRODUCT, OR THE HAZARDS RELATED TO ITS USE. No responsibility is assumed for any damage or injury resulting from abnormal use or from any failure to adhere to recommended practices. The information provided above, and the product, are furnished on the condition that the person receiving them shall make their own determination as to the suitability of the product for their particular purpose and on the condition that they assume the risk of their use. In addition, no authorization is given nor implied to practice any patented invention without a license.

Party Responsible for the Preparation of This Document

Williams, Inc.
One Williams Center
Tulsa, OK 74172, US
800-688-7507

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product

North America GHS US 2012 & WHMIS