# Isobutane Safety Data Sheet P-4613

This SDS conforms to U.S. Code of Federal Regulations 29 CFR 1910.1200, Hazard Communication. Date of issue: 01/01/1979 Revision date: 01/17/2019 Supersedes: 03/03/2016

## SECTION 1: Product and company identification

### 1.1. Product identifier

- **Product form**: Substance
- **Substance name**: Isobutane
- **Chemical name**: Isobutane
- **CAS-No.**: 75-28-5
- **Formula**: C4H10 / (CH3)2CHCH3
- **Other means of identification**: 2-methylpropane, trimethylmethane, refrigerant gas R600a

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

- **Use of the substance/mixture**: Industrial use; Use as directed.

### 1.3. Details of the supplier of the safety data sheet

Praxair, Inc.
10 Riverview Drive
Danbury, CT 06810-6268 - USA
T 1-800-772-9247 (1-800-PRAXAIR) - F 1-716-879-2146
www.praxair.com

### 1.4. Emergency telephone number

**Emergency number**: Onsite Emergency: 1-800-645-4633
CHEMTREC, 24hr/day 7days/week
— Within USA: 1-800-424-8300, Outside USA: 001-703-527-3887
(collect calls accepted, Contract 17729)

## SECTION 2: Hazard identification

### 2.1. Classification of the substance or mixture

**GHS US classification**
- Flam. Gas 1 H220
- Press. Gas (Liq.) H280

### 2.2. Label elements

**GHS US labeling**
- **Hazard pictograms (GHS US)**: 
- **Signal word (GHS US)**: Danger
- **Hazard statements (GHS US)**: H220 - EXTREMELY FLAMMABLE GAS
  H280 - CONTAINS GAS UNDER PRESSURE; MAY EXPLODE IF HEATED
  OSHA-H01 - MAY DISPLACE OXYGEN AND CAUSE RAPID SUFFOCATION.
  CGA-HG04 - MAY FORM EXPLOSIVE MIXTURES WITH AIR
  CGA-HG01 - MAY CAUSE FROSTBITE.
- **Precautionary statements (GHS US)**: P202 - Do not handle until all safety precautions have been read and understood.
  P210 - Keep away from Heat, Open flames, Sparks, Hot surfaces. - No smoking
  P271+P403 - Use and store only outdoors or in a well-ventilated place.
  P304 - IF INHALED:
  P340 - May cause frostbite.
  P313 - Get medical advice/attention.
  P302 - IF ON SKIN:
  P336 - Thaw frosted parts with lukewarm water. Do not rub affected area.
  P315 - Get immediate medical advice/attention.

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P377 - LEAKING GAS FIRE: Do not extinguish, unless leak can be stopped safely.
P381 - Eliminate all ignition sources if safe to do so.
CGA-PG05 - Use a back flow preventive device in the piping.
CGA-PG12 - Do not open valve until connected to equipment prepared for use.
CGA-PG06 - Close valve after each use and when empty.
CGA-PG11 - Never put cylinders into unventilated areas of passenger vehicles.
CGA-PG02 - Protect from sunlight when ambient temperature exceeds 52°C (125°F).

2.3. Other hazards
Other hazards not contributing to the classification: Contact with liquid may cause cold burns/frostbite.

2.4. Unknown acute toxicity (GHS US)
No data available

SECTION 3: Composition/Information on ingredients
3.1. Substances
Name: Isobutane
CAS-No.: 75-28-5

<table>
<thead>
<tr>
<th>Name</th>
<th>Product identifier</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Isobutane</td>
<td>(CAS-No.) 75-28-5</td>
<td>99.5 - 100</td>
</tr>
</tbody>
</table>

3.2. Mixtures
Not applicable

SECTION 4: First aid measures
4.1. Description of first aid measures
First-aid measures after inhalation: Remove to fresh air and keep at rest in a position comfortable for breathing. If not breathing, give artificial respiration. If breathing is difficult, trained personnel should give oxygen. Call a physician.
First-aid measures after skin contact: The liquid may cause frostbite. For exposure to liquid, immediately warm frostbite area with warm water not to exceed 105°F (41°C). Water temperature should be tolerable to normal skin. Maintain skin warming for at least 15 minutes or until normal coloring and sensation have returned to the affected area. In case of massive exposure, remove clothing while showering with warm water. Seek medical evaluation and treatment as soon as possible.
First-aid measures after eye contact: Immediately flush eyes thoroughly with water for at least 15 minutes. Hold the eyelids open and away from the eyeballs to ensure that all surfaces are flushed thoroughly. Contact an ophthalmologist immediately.
First-aid measures after ingestion: Ingestion is not considered a potential route of exposure.

4.2. Most important symptoms and effects, both acute and delayed
No additional information available

4.3. Indication of any immediate medical attention and special treatment needed
None.

SECTION 5: Firefighting measures
5.1. Extinguishing media
Suitable extinguishing media: Carbon dioxide, Dry chemical, Water spray or fog.

5.2. Special hazards arising from the substance or mixture
Fire hazard: EXTREMELY FLAMMABLE GAS. If venting or leaking gas catches fire, do not extinguish flames. Flammable vapors may spread from leak, creating an explosive reignition hazard. Vapors can be ignited by pilot lights, other flames, smoking, sparks, heaters, electrical equipment, static discharge, or other ignition sources at locations distant from product handling point. Explosive atmospheres may linger. Before entering an area, especially a confined area, check the atmosphere with an appropriate device.

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5.3. Advice for firefighters

Firefighting instructions: **Danger: FLAMMABLE LIQUID AND VAPOR.** Evacuate all personnel from danger area. Use self-contained breathing apparatus. Immediately cool surrounding containers with water spray from maximum distance, taking care not to extinguish flames. Avoid spreading burning liquid with water. Remove ignition sources if safe to do so. If flames are accidentally extinguished, explosive reignition may occur. Reduce vapors with water spray or fog. Stop flow of liquid if safe to do so, while continuing cooling water spray. Remove all containers from area of fire if safe to do so. Allow fire to burn out. On-site fire brigades must comply with OSHA 29 CFR 1910.156 and applicable standards under 29 CFR 1919 Subpart L - Fire Protection.

Special protective equipment for fire fighters: Standard protective clothing and equipment (Self Contained Breathing Apparatus) for fire fighters.

Other information: Containers are equipped with a pressure relief device. (Exceptions may exist where authorized by DOT.).

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures: **Danger: Flammable, liquefied gas.** FORMS EXPLOSIVE MIXTURES WITH AIR. Immediately evacuate all personnel from danger area. Use self-contained breathing apparatus where needed. Remove all sources of ignition if safe to do so. Reduce vapors with fog or fine water spray, taking care not to spread liquid with water. Shut off flow if safe to do so. Ventilate area or move container to a well-ventilated area. Flammable vapors may spread from leak and could explode if reignited by sparks or flames. Explosive atmospheres may linger. Before entering area, especially confined areas, check atmosphere with an appropriate device.

6.1.1. For non-emergency personnel

No additional information available

6.1.2. For emergency responders

No additional information available

6.2. Environmental precautions

Try to stop release. Prevent waste from contaminating the surrounding environment. Prevent soil and water pollution. Dispose of contents/container in accordance with local/regional/national/international regulations. Contact supplier for any special requirements.

6.3. Methods and material for containment and cleaning up

No additional information available

6.4. Reference to other sections

See also sections 8 and 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Use only non-sparking tools. Use only explosion-proof equipment.

Wear leather safety gloves and safety shoes when handling cylinders. Protect cylinders from physical damage; do not drag, roll, slide or drop. While moving cylinder, always keep in place removable valve cover. Never attempt to lift a cylinder by its cap; the cap is intended solely to protect the valve. When moving cylinders, even for short distances, use a cart (trolley, hand truck, etc.) designed to transport cylinders. Never insert an object (e.g., wrench, screwdriver, pry bar) into cap openings; doing so may damage the valve and cause a leak. Use an adjustable strap wrench to remove over-tight or rusted caps. Open the valve slowly. If the valve is hard to open, discontinue use and contact your supplier. Close the container valve after each use; keep closed even when empty. Never apply flame or localized heat directly to any part of the container. High temperatures may damage the container and could cause the pressure relief device to activate prematurely, venting the container contents. For other precautions in using this product, see section 16.
7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store only where temperature will not exceed 125°F (52°C). Post “No Smoking/No Open Flames” signs in storage and use areas. There must be no sources of ignition. Separate packages and protect against potential fire and/or explosion damage following appropriate codes and requirements (e.g., NFPA 30, NFPA 55, NFPA 70, and/or NFPA 221 in the U.S.) or according to requirements determined by the Authority Having Jurisdiction (AHJ). Always secure containers upright to keep them from falling or being knocked over. Install valve protection cap, if provided, firmly in place by hand when the container is not in use. Store full and empty containers separately. Use a first-in, first-out inventory system to prevent storing full containers for long periods. For other precautions in using this product, see section 16.

OTHER PRECAUTIONS FOR HANDLING, STORAGE, AND USE: When handling product under pressure, use piping and equipment adequately designed to withstand the pressures to be encountered. Never work on a pressurized system. Use a back flow preventive device in the piping. Gases can cause rapid suffocation because of oxygen deficiency; store and use with adequate ventilation. If a leak occurs, close the container valve and blow down the system in a safe and environmentally correct manner in compliance with all international, federal/national, state/provincial, and local laws; then repair the leak. Never place a container where it may become part of an electrical circuit.

7.3. Specific end use(s)

None.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

<table>
<thead>
<tr>
<th>Isobutane (75-28-5)</th>
<th>ACGIH TLV-STELE (ppm)</th>
<th>1000 ppm (explosion hazard)</th>
</tr>
</thead>
<tbody>
<tr>
<td>USA OSHA</td>
<td>Not established</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Isobutane (75-28-5)</th>
<th>ACGIH TLV-TWA (ppm)</th>
<th>1000 ppm</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACGIH</td>
<td></td>
<td></td>
</tr>
<tr>
<td>USA OSHA</td>
<td>Not established</td>
<td></td>
</tr>
</tbody>
</table>

8.2. Exposure controls

Appropriate engineering controls: Use an explosion-proof local exhaust system. Local exhaust and general ventilation must be adequate to meet exposure standards. MECHANICAL (GENERAL): Inadequate - Use only in a closed system. Use explosion proof equipment and lighting.

Eye protection: Wear safety glasses when handling cylinders; vapor-proof goggles and a face shield during cylinder changeout or whenever contact with product is possible. Select eye protection in accordance with OSHA 29 CFR 1910.133.

Skin and body protection: Wear metatarsal shoes and work gloves for cylinder handling, and protective clothing where needed. Wear appropriate chemical gloves during cylinder changeout or whenever contact with product is possible. Select per OSHA 29 CFR 1910.132, 1910.136, and 1910.138.

Respiratory protection: When workplace conditions warrant respirator use, follow a respiratory protection program that meets OSHA 29 CFR 1910.134, ANSI Z88.2, or MSHA 30 CFR 72.710 (where applicable). Use an air-supplied or air-purifying cartridge if the action level is exceeded. Ensure that the respirator has the appropriate protection factor for the exposure level. If cartridge type respirators are used, the cartridge must be appropriate for the chemical exposure. For emergencies or instances with unknown exposure levels, use a self-contained breathing apparatus (SCBA).

Thermal hazard protection: Wear cold insulating gloves when transferring or breaking transfer connections.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Physical state</th>
<th>Gas</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Colorless gas</td>
</tr>
<tr>
<td>Molecular mass</td>
<td>58 g/mol</td>
</tr>
<tr>
<td>Color</td>
<td>Colorless.</td>
</tr>
</tbody>
</table>
### Odor
- Odor: Sweetish.
- Odor threshold: No data available

### pH
- pH: Not applicable.

### Relative evaporation rate (butyl acetate=1)
- Relative evaporation rate: No data available

### Relative evaporation rate (ether=1)
- Relative evaporation rate: Not applicable.

### Melting point
- Melting point: -159 °C

### Freezing point
- Freezing point: No data available

### Boiling point
- Boiling point: -11.7 °C

### Flash point
- Flash point: Not applicable.

### Critical temperature
- Critical temperature: 134.5 °C

### Auto-ignition temperature
- Auto-ignition temperature: 460 °C

### Decomposition temperature
- Decomposition temperature: No data available

### Flammability (solid, gas)
- Flammability: 1.8 - 8.4 vol %

### Vapor pressure
- Vapor pressure: 300 kPa

### Critical pressure
- Critical pressure: 3604 kPa

### Relative vapor density at 20 °C
- Relative vapor density: No data available

### Relative density
- Relative density: 0.59

### Density
- Density: 0.523 - 0.524 g/cm³ (at 15 °C)

### Relative gas density
- Relative gas density: 2

### Solubility
- Solubility: Water: 54 mg/l

### Log Pow
- Log Pow: 2.76

### Log Kow
- Log Kow: Not applicable.

### Viscosity, kinematic
- Viscosity: Not applicable.

### Viscosity, dynamic
- Viscosity: Not applicable.

### Explosive properties
- Explosive properties: Not applicable.

### Oxidizing properties
- Oxidizing properties: None.

### Explosion limits
- Explosion limits: No data available

### Gas group
- Gas group: Press. Gas (Liq.)

### Additional information
- Gas/vapor heavier than air. May accumulate in confined spaces, particularly at or below ground level.

### SECTION 10: Stability and reactivity

10.1. Reactivity
- No reactivity hazard other than the effects described in sub-sections below.

10.2. Chemical stability
- Stable under normal conditions.

10.3. Possibility of hazardous reactions
- May occur.

10.4. Conditions to avoid
- Keep away from heat/sparks/open flames/hot surfaces. – No smoking.

10.5. Incompatible materials
- Oxidizing agents.

10.6. Hazardous decomposition products
- Thermal decomposition may produce: Carbon dioxide. Carbon monoxide.

### SECTION 11: Toxicological information

11.1. Information on toxicological effects
- No specific toxicological information provided.
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Acute toxicity

<table>
<thead>
<tr>
<th>Isobutane (75-28-5)</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>LC50 inhalation rat (mg/l)</td>
<td>658 mg/l/4h</td>
</tr>
<tr>
<td>LC50 inhalation rat (ppm)</td>
<td>285000 ppm/1h</td>
</tr>
<tr>
<td>ATE US (vapors)</td>
<td>658 mg/l/4h</td>
</tr>
<tr>
<td>ATE US (dust, mist)</td>
<td>658 mg/l/4h</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
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</tr>
<tr>
<td>LC50 inhalation rat (ppm)</td>
<td>285000 ppm/1h</td>
</tr>
<tr>
<td>ATE US (gases)</td>
<td>142500 ppmV/4h</td>
</tr>
<tr>
<td>ATE US (vapors)</td>
<td>658 mg/l/4h</td>
</tr>
<tr>
<td>ATE US (dust, mist)</td>
<td>658 mg/l/4h</td>
</tr>
</tbody>
</table>

Skin corrosion/irritation

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
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</tr>
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<tbody>
<tr>
<td>pH: Not applicable.</td>
<td>Not classified</td>
</tr>
</tbody>
</table>

Serious eye damage/irritation

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>pH: Not applicable.</td>
<td>Not classified</td>
</tr>
</tbody>
</table>

Respiratory or skin sensitization

| Germ cell mutagenicity | Not classified |

Carcinogenicity

| Reproductive toxicity | Not classified |

Specific target organ toxicity – single exposure

| Specific target organ toxicity – repeated exposure | Not classified |

Aspiration hazard

|  | Not classified |

SECTION 12: Ecological information

12.1. Toxicity

| Ecology - general | No known ecological damage caused by this product. |

12.2. Persistence and degradability

| Isobutane (75-28-5) | Persistence and degradability | The substance is biodegradable. Unlikely to persist. |

| Isobutane (75-28-5) | Persistence and degradability | The substance is biodegradable. Unlikely to persist. |

12.3. Bioaccumulative potential

<table>
<thead>
<tr>
<th>Isobutane (75-28-5)</th>
<th>BCF fish 1</th>
<th>1.57 - 1.97</th>
</tr>
</thead>
<tbody>
<tr>
<td>Log Pow</td>
<td>2.76</td>
<td></td>
</tr>
<tr>
<td>Log Kow</td>
<td>Not applicable.</td>
<td></td>
</tr>
<tr>
<td>Bioaccumulative potential</td>
<td>Not expected to bioaccumulate due to the low log Kow (log Kow &lt; 4). Refer to section 9.</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Isobutane (75-28-5)</th>
<th>BCF fish 1</th>
<th>1.57 - 1.97</th>
</tr>
</thead>
<tbody>
<tr>
<td>Log Pow</td>
<td>2.88 (at 20 °C)</td>
<td></td>
</tr>
<tr>
<td>Bioaccumulative potential</td>
<td>Not expected to bioaccumulate due to the low log Kow (log Kow &lt; 4). Refer to section 9.</td>
<td></td>
</tr>
</tbody>
</table>

12.4. Mobility in soil

<table>
<thead>
<tr>
<th>Isobutane (75-28-5)</th>
<th>Mobility in soil</th>
<th>No data available.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ecology - soil</td>
<td>Because of its high volatility, the product is unlikely to cause ground or water pollution.</td>
<td></td>
</tr>
</tbody>
</table>
Isobutane (75-28-5)

Ecology - soil
Because of its high volatility, the product is unlikely to cause ground or water pollution.

12.5. Other adverse effects

Effect on ozone layer : None.
Effect on the global warming : No known effects from this product.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product/Packaging disposal recommendations : Do not attempt to dispose of residual or unused quantities. Return container to supplier.

SECTION 14: Transport information

In accordance with DOT

Transport document description : UN1969 Isobutane, 2.1
UN-No. (DOT) : UN1969
Proper Shipping Name (DOT) : Isobutane
Class (DOT) : 2.1 - Class 2.1 - Flammable gas 49 CFR 173.115
Hazard labels (DOT) : 2.1 - Flammable gas

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.

Additional information

Emergency Response Guide (ERG) Number : 115 (UN1075)
Other information : No supplementary information available.
Special transport precautions : Avoid transport on vehicles where the load space is not separated from the driver's compartment. Ensure vehicle driver is aware of the potential hazards of the load and knows what to do in the event of an accident or an emergency. Before transporting product containers:
- Ensure there is adequate ventilation.
- Ensure that containers are firmly secured.
- Ensure cylinder valve is closed and not leaking.
- Ensure valve outlet cap nut or plug (where provided) is correctly fitted.
- Ensure valve protection device (where provided) is correctly fitted.

Transport by sea

UN-No. (IMDG) : 1969
Proper Shipping Name (IMDG) : ISOBUTANE
Class (IMDG) : 2 - Gases
Division (IMDG) : 2.1 - Flammable gases
MFAG-No : 115

Air transport

UN-No. (IATA) : 1969
Proper Shipping Name (IATA) : Isobutane
Class (IATA) : 2
Civil Aeronautics Law : Gases under pressure/Gases flammable under pressure
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SECTION 15: Regulatory information

15.1. US Federal regulations

<table>
<thead>
<tr>
<th>Isobutane (75-28-5)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Listed on the United States TSCA (Toxic Substances Control Act) inventory</td>
</tr>
<tr>
<td>SARA Section 311/312 Hazard Classes</td>
</tr>
<tr>
<td></td>
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15.2. International regulations

CANADA

<table>
<thead>
<tr>
<th>Isobutane (75-28-5)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Listed on the Canadian DSL (Domestic Substances List)</td>
</tr>
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</table>

EU-Regulations

<table>
<thead>
<tr>
<th>Isobutane (75-28-5)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)</td>
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</table>

15.2.2. National regulations

<table>
<thead>
<tr>
<th>Isobutane (75-28-5)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Listed on the AICS (Australian Inventory of Chemical Substances)</td>
</tr>
<tr>
<td>Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)</td>
</tr>
<tr>
<td>Listed on the Japanese ENCS (Existing &amp; New Chemical Substances) inventory</td>
</tr>
<tr>
<td>Listed on the Japanese ISHL (Industrial Safety and Health Law)</td>
</tr>
<tr>
<td>Listed on the Korean ECL (Existing Chemicals List)</td>
</tr>
<tr>
<td>Listed on NZIoC (New Zealand Inventory of Chemicals)</td>
</tr>
<tr>
<td>Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)</td>
</tr>
<tr>
<td>Listed on INSQ (Mexican National Inventory of Chemical Substances)</td>
</tr>
<tr>
<td>Listed on the TCSI (Taiwan Chemical Substance Inventory)</td>
</tr>
</tbody>
</table>

15.3. US State regulations

<table>
<thead>
<tr>
<th>Isobutane (75-28-5)</th>
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</thead>
<tbody>
<tr>
<td>U.S. - California - Proposition 65 - Carcinogens List</td>
</tr>
<tr>
<td>U.S. - California - Proposition 65 - Developmental Toxicity</td>
</tr>
<tr>
<td>U.S. - California - Proposition 65 - Reproductive Toxicity - Female</td>
</tr>
<tr>
<td>U.S. - California - Proposition 65 - Reproductive Toxicity - Male</td>
</tr>
<tr>
<td>State or local regulations</td>
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<td></td>
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EN (English US)  SDS: P-4613  8/9

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Isobutane (75-28-5)
U.S. - Massachusetts - Right To Know List
U.S. - New Jersey - Right to Know Hazardous Substance List
U.S. - Pennsylvania - RTK (Right to Know) List

SECTION 16: Other information

Other information: When you mix two or more chemicals, you can create additional, unexpected hazards. Obtain and evaluate the safety information for each component before you produce the mixture. Consult an industrial hygienist or other trained person when you evaluate the end product. Before using any plastics, confirm their compatibility with this product.

Praxair asks users of this product to study this SDS and become aware of the product hazards and safety information. To promote safe use of this product, a user should (1) notify employees, agents, and contractors of the information in this SDS and of any other known product hazards and safety information, (2) furnish this information to each purchaser of the product, and (3) ask each purchaser to notify its employees and customers of the product hazards and safety information.

The opinions expressed herein are those of qualified experts within Praxair, Inc. We believe that the information contained herein is current as of the date of this Safety Data Sheet. Since the use of this information and the conditions of use are not within the control of Praxair, Inc, it is the user's obligation to determine the conditions of safe use of the product.

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NFPA health hazard: 0 - Materials that, under emergency conditions, would offer no hazard beyond that of ordinary combustible materials.

NFPA fire hazard: 4 - Materials that rapidly or completely vaporize at atmospheric pressure and normal ambient temperature or that are readily dispersed in air and burn readily.

NFPA reactivity: 0 - Material that in themselves are normally stable, even under fire conditions.

SDS US (GHS HazCom 2012) - Praxair

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.