1. PRODUCT AND COMPANY IDENTIFICATION

Product Code 5035
Chemical Nature Hydrocarbon mixture
Emergency Telephone Number
CHEMTREC® 800-424-9300

2. HAZARDS IDENTIFICATION

Emergency Overview
Danger
Extremely flammable
May be harmful if inhaled
May cause skin irritation
May cause eye irritation
Harmful or fatal if swallowed

Physical State Liquid

Odor Pli

Yellow – Amber

Inhalation, Skin contact, Eye contact.
Inhalation

May cause eye irritation
May cause skin irritation
May cause irritation of respiratory tract. Inhalation may cause central nervous system effects
Ingestion may cause irritation to mucous membranes. Aspiration hazard if swallowed - can enter lungs and cause damage
Prolonged skin contact may defat the skin and produce dermatitis, lung edema.
Central nervous system, Heart, Liver, Respiratory system.
Neurological disorders, Skin disorders, Respiratory disorders.
See Section 12 for additional Ecological information

3. COMPOSITION / INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS-No</th>
</tr>
</thead>
<tbody>
<tr>
<td>Butane</td>
<td>106-97-8</td>
</tr>
<tr>
<td>Petroleum distillates, hydrotreated heavy naphthenic (&lt;3% DMSO extractable)</td>
<td>64742-52-5</td>
</tr>
<tr>
<td>Propane</td>
<td>74-98-6</td>
</tr>
</tbody>
</table>

4. FIRST AID MEASURES

General Advice
Avoid contact with skin, eyes, and clothing. Avoid breathing vapors, mist, or gas
Rinse thoroughly with plenty of water, also under the eyelids. Get medical attention if irritation develops and persists
Wash off with soap and plenty of water. Get medical attention if irritation develops and persists
If inhaled, remove to fresh air. Get medical attention if symptoms occur
Drink 1 or 2 glasses of water. Do not induce vomiting. Get medical attention immediately. Never give anything by mouth to an unconscious person
Treat symptomatically

5. FIRE-FIGHTING MEASURES

Point
>200°F/93°C

Ignition Temperature No information available

Extinguishing Media
Dry powder, CO2, water spray

Fire Hazards Arising from the Chemical
Flammable, harmful if swallowed

Active Equipment and Precautions for Firefighters
Use water spray to immediately cool containers,AKA, then move to a safe location

Method
Seta closed cup

Flammability
4

Health
1

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions
Remove all sources of ignition. Ensure adequate ventilation. Prevent further leakage or spillage if safe to do so. Material can create slippery conditions
Do not flush into surface water or sanitary sewer system
Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to an approved waste disposal facility

Environmental Precautions
None

Additional Precautions
None

Other Precautions
None
7. HANDLING AND STORAGE

Avoid contact with skin, eyes, and clothing. Avoid breathing vapors, mist or gas. Keep away from open flames, hot surfaces and sources of ignition.

<table>
<thead>
<tr>
<th>Minimum</th>
<th>Maximum</th>
</tr>
</thead>
<tbody>
<tr>
<td>Indoor</td>
<td>Heated</td>
</tr>
<tr>
<td>35°F/2°C</td>
<td>120°F/49°C</td>
</tr>
</tbody>
</table>

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Butane**
- TLV: 1000 ppm
- TWA: 1000 ppm
- IDLH: 2100 ppm

**Propane**
- TLV: 1000 ppm
- TWA: 1800 mg/m³
- IDLH: 2000 ppm

Use local exhaust ventilation. Ensure adequate ventilation, especially in confined areas.

**Personal Protective Equipment**
- Eye/Face Protection: Safety glasses with side-shields
- Skin Protection: Neoprene gloves
- Respiratory Protection: In case of insufficient ventilation wear suitable respiratory equipment
- General Hygiene Considerations: Ensure that eyewash stations and safety showers are close to the workstation location. Remove and wash contaminated clothing before re-use.

9. PHYSICAL AND CHEMICAL PROPERTIES

**Butane**
- Physical State: Liquid
- Appearance: Yellow - Amber
- Density: 0.835 g/cm³
- Boiling Point: -10.5°C

**Propane**
- Viscosity: Negligible
- Odor: Pleasant
- pH: Not applicable
- Evaporation Rate: 24.5 (Butyl acetate=1)
- VOC Content (%): No information available
- Vapor Density: 1.7 (Air = 1.0)
- Boiling Point: 465°F/241°C

10. STABILITY AND REACTIVITY

Stable. Hazardous polymerization does not occur.

- Keep away from open flames, hot surfaces, and sources of ignition
- Strong oxidizing agents
- Carbon oxides, Aldehydes, Ketones
- None under normal processing

11. TOXICOLOGICAL INFORMATION

No information available

12. ECOLOGICAL INFORMATION
<table>
<thead>
<tr>
<th>Component</th>
<th>Toxicity to Algae</th>
<th>Toxicity to Fish</th>
<th>Microtox</th>
<th>Water Flea</th>
<th>log F</th>
</tr>
</thead>
<tbody>
<tr>
<td>Butane</td>
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<td>96 Hr LC50 Pimephales promelas: &gt;5000 mg/L</td>
<td>no data available</td>
<td>no data available</td>
<td>2.8</td>
</tr>
<tr>
<td>kerosene distillate, hydrotreated heavy naphthenic (&lt;3% DMSO extractable)</td>
<td>no data available</td>
<td>48 Hr EC50 Daphnia magna: &gt;1000 mg/L</td>
<td>no data available</td>
<td>no data available</td>
<td>N/A</td>
</tr>
<tr>
<td>Propane</td>
<td>no data available</td>
<td>no data available</td>
<td>no data available</td>
<td>no data available</td>
<td>2.7</td>
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### 6. ECODE Information

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### 13. DISPOSAL CONSIDERATIONS

**Product Disposal**

Dispose of in accordance with local regulations

**Tainer Disposal**

Empty containers should be taken for local recycling, recovery or waste disposal

### 14. TRANSPORT INFORMATION

**Proper Shipping Name**

- DOT: Consumer commodity
- ORM-D: Consumer commodity, ORM-D

**Hazard Class**

- 2.1

**Description**

- UN1950, AEROSOLS, 2.1, LTD QTY

**Proper Shipping Name**

- Aerosols
- 10L
- UN1950, Aerosols, flammable, 2.1 LTD QTY

**UN-NO**

- UN1950

**Proper Shipping Name**

- Aerosols
- 10L
- UN1950, Aerosols, flammable, 2.1 LTD QTY

**Hazard Class**

- 2.1

**Shipping Description**

- UN1950, AEROSOLS, 2.1, LTD QTY

### 15. REGULATORY INFORMATION

**Complies**

### Federal Regulations

- 313
- On 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirement and Title 40 of the Code of Federal Regulations, Part 372

### 311/312 Hazardous Categorization

<table>
<thead>
<tr>
<th>Acute Health Hazard</th>
<th>Chronic Health Hazard</th>
<th>Fire Hazard</th>
<th>Sudden Release of Pressure Hazard</th>
<th>Reactive Hazard</th>
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</thead>
<tbody>
<tr>
<td>Yes</td>
<td>No</td>
<td>Yes</td>
<td>Yes</td>
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</table>

### 6.5.2.14 Data

<table>
<thead>
<tr>
<th>Component</th>
<th>Hazardous Substances RQs</th>
<th>CERCLA EHS RQs</th>
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<tr>
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16. OTHER INFORMATION

Prepared By
Mike McDowell
09/21/2005
05/26/2009
No information available
No information available
No information available

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