Safety Data Sheet

according to Regulation (EC) No 1907/2006

274(E) Industrial Degreaser (Aerosol)

Revision date: 15.11.2017

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SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

274(E) Industrial Degreaser (Aerosol)

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

Use of the substance/mixture

Petroleum base cleaner. Dissolves grease, oil, tar and other similar water insoluble soils generally encountered in the industrial and marine environments.

Uses advised against

No information available.

1.3. Details of the supplier of the safety data sheet

Company name: Chesterton International GmbH
Street: Am Lenzenfleck 23
Place: DE-85737 Ismaning GERMANY
Telephone: +49 89 99 65 46 - 0
Telefax: +49 89 99 65 46 - 50
e-mail: eu-sds@chesterton.com
e-mail (Contact person): eu-sds@chesterton.com
Internet: www.chesterton.com
Responsible Department: eu-sds@chesterton.com

1.4. Emergency telephone number

+49(0) 551 - 1 92 40 (GIZ-Nord, 24h)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Regulation (EC) No. 1272/2008

Hazard categories:
Aerosol: Aerosol 1
Aspiration hazard: Asp. Tox. 1
Hazard Statements:
Extremely flammable aerosol.
Pressurised container: May burst if heated.
May be fatal if swallowed and enters airways.

2.2. Label elements

Regulation (EC) No. 1272/2008

Signal word: Danger

Pictograms:
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Hazard statements
H222 Extremely flammable aerosol.
H229 Pressurised container: May burst if heated.

Precautionary statements
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P211 Do not spray on an open flame or other ignition source.
P251 Do not pierce or burn, even after use.
P260 Do not breathe aerosol.
P280 Do not get in eyes, on skin, or on clothing.
P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.

Special labelling of certain mixtures
EUH066 Repeated exposure may cause skin dryness or cracking.

2.3. Other hazards
No information available.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Hazardous components

<table>
<thead>
<tr>
<th>CAS No</th>
<th>Chemical name</th>
<th>EC No</th>
<th>Index No</th>
<th>REACH No</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Classification according to Regulation (EC) No. 1272/2008 [CLP]</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclenes, &lt; 2% aromatics</td>
<td></td>
<td></td>
<td></td>
<td>80 - 90 %</td>
</tr>
<tr>
<td>918-481-9</td>
<td></td>
<td></td>
<td>01-2119457273-39</td>
<td></td>
<td></td>
</tr>
<tr>
<td>106-97-8</td>
<td>butane</td>
<td>203-448-7</td>
<td>01-2119474691-32</td>
<td>5-10 %</td>
<td></td>
</tr>
<tr>
<td>74-98-6</td>
<td>propane</td>
<td>200-827-9</td>
<td>01-2119486944-21</td>
<td>5-10 %</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>601-003-00-5</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Full text of H and EUH statements: see section 16.

Further Information
No information available.

SECTION 4: First aid measures

4.1. Description of first aid measures
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General information
Change contaminated, saturated clothing. In case of accident or unwellness, seek medical advice immediately
(show directions for use or safety data sheet if possible).

After inhalation
Remove casualty to fresh air and keep warm and at rest. If breathing is irregular or stopped, administer artificial
respiration. Call a doctor.

After contact with skin
After contact with skin, wash immediately with plenty of water and soap. In case of skin irritation, consult a
physician.

After contact with eyes
Rinse immediately carefully and thoroughly with eye-bath or water. If eye irritation persists: Get medical
advice/attention.

After ingestion
Do NOT induce vomiting.
Immediately call a doctor.

4.2. Most important symptoms and effects, both acute and delayed
Causes eye irritation. Causes skin irritation. Repeated exposure may cause skin dryness or cracking.
Most important symptoms and effects, both acute and delayed: Headache, Dizziness, Pulmonary oedema
Vapours may cause drowsiness and dizziness.

4.3. Indication of any immediate medical attention and special treatment needed
First Aid, decontamination, treatment of symptoms.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media
Dry extinguishing powder. Carbon dioxide (CO2). alcohol resistant foam. Water spray jet

Unsuitable extinguishing media
High power water jet

5.2. Special hazards arising from the substance or mixture
Heating causes rise in pressure with risk of bursting.
Vapours can form explosive mixtures with air.

5.3. Advice for firefighters
Special protective equipment for firefighters Protective clothing.
In case of fire: Wear self-contained breathing apparatus.

Additional information
Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures
See protective measures under point 7 and 8.
Provide adequate ventilation.
Personal protection equipment: see section 8

6.2. Environmental precautions
Do not allow to enter into surface water or drains. Cover drains.

6.3. Methods and material for containment and cleaning up
Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Treat the recovered material as prescribed in the section on waste disposal.

6.4. Reference to other sections
See protective measures under point 7 and 8.
Disposal: see section 13

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling
See section 8. Wear personal protection equipment (refer to section 8).
Do not breathe aerosol.

Advice on protection against fire and explosion
Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50 °C. Do not pierce or burn, even after use.
Vapours are heavier than air, spread along floors and form explosive mixtures with air.

Further information on handling
Do not pierce or burn, even after use.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels
Keep cool. Protect from sunlight.
Pressurised container: May burst if heated.

Further information on storage conditions
Keep away from:
Frost
Heat
Humidity

7.3. Specific end use(s)

No information available.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

---
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Exposure limits (EH40)

<table>
<thead>
<tr>
<th>CAS No</th>
<th>Substance</th>
<th>ppm</th>
<th>mg/m³</th>
<th>fibres/ml</th>
<th>Category</th>
<th>Origin</th>
</tr>
</thead>
<tbody>
<tr>
<td>106-97-8</td>
<td>Butane</td>
<td>600</td>
<td>1450</td>
<td></td>
<td>TWA (8 h)</td>
<td>WEL</td>
</tr>
<tr>
<td></td>
<td></td>
<td>750</td>
<td>1810</td>
<td></td>
<td>STEL (15 min)</td>
<td>WEL</td>
</tr>
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</table>

DNEL/DMEL values

<table>
<thead>
<tr>
<th>CAS No</th>
<th>Substance</th>
<th>Exposure route</th>
<th>Effect</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclenes, &lt; 2% aromatics</td>
<td>inhalation</td>
<td>systemic</td>
<td>1300 mg/m³</td>
</tr>
<tr>
<td></td>
<td>Worker DNEL, acute</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Worker DNEL, long-term</td>
<td>inhalation</td>
<td>local</td>
<td>840 mg/m³</td>
</tr>
<tr>
<td></td>
<td>Worker DNEL, acute</td>
<td>inhalation</td>
<td>local</td>
<td>1100 mg/m³</td>
</tr>
<tr>
<td></td>
<td>Consumer DNEL, acute</td>
<td>inhalation</td>
<td>systemic</td>
<td>1200 mg/m³</td>
</tr>
<tr>
<td></td>
<td>Consumer DNEL, long-term</td>
<td>inhalation</td>
<td>local</td>
<td>180 mg/m³</td>
</tr>
<tr>
<td></td>
<td>Consumer DNEL, acute</td>
<td>inhalation</td>
<td>local</td>
<td>640 mg/m³</td>
</tr>
</tbody>
</table>

PNEC values

<table>
<thead>
<tr>
<th>CAS No</th>
<th>Substance</th>
<th>Environmental compartment</th>
<th>Value</th>
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<tr>
<td></td>
<td>Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclenes, &lt; 2% aromatics</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

8.2. Exposure controls

**Appropriate engineering controls**
Provide adequate ventilation as well as local exhaustion at critical locations.

**Protective and hygiene measures**
Work in well-ventilated zones or use proper respiratory protection. Only wear fitting, comfortable and clean protective clothing. Avoid contact with skin, eyes and clothes. Wash hands and face before breaks and after work and take a shower if necessary.

**Eye/face protection**
Suitable eye protection:
Eyeglasses with side protection
goggles

**Hand protection**
Tested protective gloves must be worn: DIN EN 374
NBR (Nitrile rubber), Butyl caoutchouc (butyl rubber)
Thickness of the glove material >= 0.4 mm
Breakthrough times and swelling properties of the material must be taken into consideration.
For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.
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| Wearing time with occasional contact (splashes): max. 480 min. (NBR (Nitrile rubber)) |
| Wearing time with permanent contact 240 - 480 min (NBR (Nitrile rubber)) |
| Observe the wear time limits as specified by the manufacturer. |

### Skin protection
- Protective clothing

### Respiratory protection
- If technical exhaust or ventilation measures are not possible or insufficient, respiratory protection must be worn. 
- Filtering device (full mask or mouthpiece) with filter: AX

### Environmental exposure controls
- No special measures are necessary.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Physical state:</th>
<th>liquid</th>
</tr>
</thead>
<tbody>
<tr>
<td>Colour:</td>
<td>colourless</td>
</tr>
<tr>
<td>Odour:</td>
<td>mild odour</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Test method</th>
</tr>
</thead>
</table>

| pH-Value: | not applicable |

<table>
<thead>
<tr>
<th>Changes in the physical state</th>
</tr>
</thead>
<tbody>
<tr>
<td>Melting point:</td>
</tr>
<tr>
<td>Initial boiling point and boiling range:</td>
</tr>
<tr>
<td>Sublimation point:</td>
</tr>
<tr>
<td>Softening point:</td>
</tr>
<tr>
<td>Pour point:</td>
</tr>
<tr>
<td>Flash point:</td>
</tr>
</tbody>
</table>

### Flammability
- Solid: | not determined |
- Gas: | not determined |

### Explosive properties
- Vapours can form explosive mixtures with air.

<table>
<thead>
<tr>
<th>Lower explosion limits:</th>
<th>0.6 g/m³</th>
</tr>
</thead>
<tbody>
<tr>
<td>Upper explosion limits:</td>
<td>7 g/m³</td>
</tr>
<tr>
<td>Ignition temperature:</td>
<td>product only &gt; 200 °C</td>
</tr>
</tbody>
</table>

### Auto-ignition temperature
- Solid: | not determined |
- Gas: | not determined |
- Decomposition temperature: | not determined |
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Oxidizing properties
No information available.
Vapour pressure: product only <1 hPa
Density (at 15 °C): product only 0,80 g/cm³
Water solubility: Immiscible

Solubility in other solvents
No information available.
Partition coefficient: not determined
Viscosity / dynamic: not determined
Viscosity / kinematic: product only 1,3 mm²/s
(at 40 °C)
Vapour density: >1 (Air=1)
Evaporation rate: <1 (n-butyl acetate = 1)

9.2. Other information
No information available.

SECTION 10: Stability and reactivity

10.1. Reactivity
The product is stable under storage at normal ambient temperatures.

10.2. Chemical stability
The substance is chemically stable under recommended conditions of storage, use and temperature.

10.3. Possibility of hazardous reactions
This material is considered to be non-reactive under normal use conditions.

10.4. Conditions to avoid
This material is combustible and can be ignited by heat, sparks, flames, or other sources of ignition (e.g. static
electricity, pilot lights, or mechanical/electrical equipment).
Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50 °C. Do not
pierce or burn, even after use.

10.5. Incompatible materials
Oxidising agent, strong

10.6. Hazardous decomposition products
Nitrogen oxides (NOx), Carbon dioxide (CO2), Carbon monoxide

SECTION 11: Toxicological information

11.1. Information on toxicological effects
Acute toxicity
Based on available data, the classification criteria are not met.
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<table>
<thead>
<tr>
<th>CAS No</th>
<th>Chemical name</th>
<th>Dose</th>
<th>Species</th>
<th>Source</th>
<th>Method</th>
</tr>
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<tbody>
<tr>
<td></td>
<td>Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclenes, &lt; 2% aromatics</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>oral</td>
<td>LD50 mg/kg</td>
<td>&gt; 5000</td>
<td>Rat</td>
<td>Study report (1988)</td>
<td>OECD Guideline 401</td>
</tr>
<tr>
<td>dermal</td>
<td>LD50 mg/kg</td>
<td>&gt; 2000</td>
<td>Rat</td>
<td>Study report (1989)</td>
<td>OECD Guideline 402</td>
</tr>
<tr>
<td>inhalative (4 h) vapour</td>
<td>LC50 mg/l</td>
<td>&gt; 4.96</td>
<td>Rat</td>
<td>Study report (1992)</td>
<td>OECD Guideline 403</td>
</tr>
<tr>
<td>106-97-8</td>
<td>butane</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>inhalative (4 h) gas</td>
<td>LC50 ppm</td>
<td>273000</td>
<td>Rat</td>
<td>GESTIS</td>
<td></td>
</tr>
</tbody>
</table>

**Irritation and corrosivity**
- Based on available data, the classification criteria are not met.

**Sensitising effects**
- Based on available data, the classification criteria are not met.

**Carcinogenic/mutagenic/toxic effects for reproduction**
- Based on available data, the classification criteria are not met.

**STOT-single exposure**
- Based on available data, the classification criteria are not met.

**STOT-repeated exposure**
- Repeated exposure may cause skin dryness or cracking.

**Aspiration hazard**
- Based on available data, the classification criteria are not met.

### SECTION 12: Ecological information

#### 12.1. Toxicity
### Safety Data Sheet

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<table>
<thead>
<tr>
<th>CAS No.</th>
<th>Chemical name</th>
<th>Aquatic toxicity</th>
<th>Dose</th>
<th>[h]</th>
<th>[d]</th>
<th>Species</th>
<th>Source</th>
<th>Method</th>
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<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Acute algae toxicity</td>
<td>ErC50 mg/l &gt; 1000</td>
<td>72 h</td>
<td>Pseudokirchneriella subcapitata</td>
<td>Study report; company data (1995)</td>
<td>OECD Guideline 201</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Acute crustacea toxicity</td>
<td>EC50 4,5 mg/l</td>
<td>48 h</td>
<td>Daphnia magna</td>
<td>Study report (1995)</td>
<td>OECD Guideline 202</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Fish toxicity</td>
<td>NOEC 0,101 mg/l</td>
<td>28 d</td>
<td>Oncorhynchus mykiss</td>
<td>CONCAWE, Brussels, Belgium (2010)</td>
<td>The aquatic toxicity was estimated by a</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Crustacea toxicity</td>
<td>NOEC 0,176 mg/l</td>
<td>21 d</td>
<td>Daphnia magna</td>
<td>CONCAWE, Brussels, Belgium (2010)</td>
<td>The aquatic toxicity was estimated by a</td>
<td></td>
</tr>
<tr>
<td>106-97-8</td>
<td>butane</td>
<td>Acute fish toxicity</td>
<td>LC50 49,9 mg/l</td>
<td>96 h</td>
<td>Fish, no other information</td>
<td>United States Environmental Protection A</td>
<td>The Ecosasr class program has been develop</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Acute algae toxicity</td>
<td>ErC50 19,37 mg/l</td>
<td>96 h</td>
<td>Algae</td>
<td>USEPA OPPT Risk Assessment Division (200)</td>
<td>Calculation using ECOSAR Program v1.00.</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Acute crustacea toxicity</td>
<td>EC50 69,43 mg/l</td>
<td>48 h</td>
<td>Daphnia sp.</td>
<td>USEPA OPPT Risk Assessment Division (200)</td>
<td>Calculation using ECOSAR Program v1.00.</td>
<td></td>
</tr>
<tr>
<td>74-98-6</td>
<td>propane</td>
<td>Acute fish toxicity</td>
<td>LC50 49,9 mg/l</td>
<td>96 h</td>
<td>Fish, no other information</td>
<td>United States Environmental Protection A</td>
<td>The Ecosasr class program has been develop</td>
<td></td>
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<tr>
<td></td>
<td></td>
<td>Acute algae toxicity</td>
<td>ErC50 19,37 mg/l</td>
<td>96 h</td>
<td>Algae</td>
<td>USEPA OPPT Risk Assessment Division (200)</td>
<td>Calculation using ECOSAR Program v1.00.</td>
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<tr>
<td></td>
<td></td>
<td>Acute crustacea toxicity</td>
<td>EC50 69,43 mg/l</td>
<td>48 h</td>
<td>Daphnia sp.</td>
<td>USEPA OPPT Risk Assessment Division (200)</td>
<td>Calculation using ECOSAR Program v1.00.</td>
<td></td>
</tr>
</tbody>
</table>

### 12.2. Persistence and degradability

No information available.

### 12.3. Bioaccumulative potential

<table>
<thead>
<tr>
<th>CAS No.</th>
<th>Chemical name</th>
<th>Log Pow</th>
</tr>
</thead>
<tbody>
<tr>
<td>106-97-8</td>
<td>butane</td>
<td>1,09</td>
</tr>
<tr>
<td>74-98-6</td>
<td>propane</td>
<td>1,09</td>
</tr>
</tbody>
</table>
12.4. Mobility in soil
No information available.

12.5. Results of PBT and vPvB assessment
The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

12.6. Other adverse effects
No information available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Advice on disposal
Dispose of waste according to applicable legislation.

Contaminated packaging
Dispose of waste according to applicable legislation.

SECTION 14: Transport information

Land transport (ADR/RID)

14.1. UN number: UN 1950
14.2. UN proper shipping name: AEROSOLS
14.3. Transport hazard class(es): 2
14.4. Packing group: -
Hazard label: 2.1
Classification code: 5F
Special Provisions: 190 327 344 625
Limited quantity: 1 L
Excepted quantity: E0
Transport category: 2
Tunnel restriction code: D

Inland waterways transport (ADN)

14.1. UN number: UN 1950
14.2. UN proper shipping name: AEROSOLS
14.3. Transport hazard class(es): 2
14.4. Packing group: -
Hazard label: 2.1
Classification code: 5F
Special Provisions: 190 327 344 625
Limited quantity: 1 L
Excepted quantity: E0

Marine transport (IMDG)

14.1. UN number: UN 1950
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<table>
<thead>
<tr>
<th>14.2. UN proper shipping name:</th>
<th>AEROSOLS</th>
</tr>
</thead>
<tbody>
<tr>
<td>14.3. Transport hazard class(es):</td>
<td>2.1</td>
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<tr>
<td>14.4. Packing group:</td>
<td>-</td>
</tr>
<tr>
<td>Hazard label:</td>
<td>2.1</td>
</tr>
<tr>
<td>Special Provisions:</td>
<td>63, 190, 277, 327, 344, 381,959</td>
</tr>
<tr>
<td>Limited quantity:</td>
<td>1000 mL</td>
</tr>
<tr>
<td>Excepted quantity:</td>
<td>E0</td>
</tr>
<tr>
<td>EmS:</td>
<td>F-D, S-U</td>
</tr>
</tbody>
</table>

Air transport (ICAO-TI/IATA-DGR)

<table>
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<tr>
<th>14.1. UN number:</th>
<th>UN 1950</th>
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<tbody>
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<td>14.2. UN proper shipping name:</td>
<td>AEROSOLS, flammable</td>
</tr>
<tr>
<td>14.3. Transport hazard class(es):</td>
<td>2.1</td>
</tr>
<tr>
<td>14.4. Packing group:</td>
<td>-</td>
</tr>
<tr>
<td>Hazard label:</td>
<td>2.1</td>
</tr>
<tr>
<td>Special Provisions:</td>
<td>A145 A167 A802</td>
</tr>
<tr>
<td>Limited quantity Passenger:</td>
<td>30 kg G</td>
</tr>
<tr>
<td>Passenger LO:</td>
<td>Y203</td>
</tr>
<tr>
<td>Excepted quantity:</td>
<td>E0</td>
</tr>
<tr>
<td>IATA-packing instructions - Passenger:</td>
<td>203</td>
</tr>
<tr>
<td>IATA-max. quantity - Passenger:</td>
<td>75 kg</td>
</tr>
<tr>
<td>IATA-packing instructions - Cargo:</td>
<td>203</td>
</tr>
<tr>
<td>IATA-max. quantity - Cargo:</td>
<td>150 kg</td>
</tr>
</tbody>
</table>

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: no

14.6. Special precautions for user

No information available.

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

No information available.

SECTION 15: Regulatory information

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

EU regulatory information
Restrictions on use (REACH, annex XVII):
Entry 28: Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclenes, < 2% aromatics; butane

National regulatory information
Water contaminating class (D): 2 - clearly water contaminating

15.2. Chemical safety assessment

For the following substances of this mixture a chemical safety assessment has been carried out:
Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclenes, < 2% aromatics
butane
propane

SECTION 16: Other information

Abbreviations and acronyms
ADR: Accord européen sur le transport des marchandises dangereuses par Route
(European Agreement concerning the International Carriage of Dangerous Goods by Road)
RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer
(Regulations Concerning the International Transport of Dangerous Goods by Rail)
IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association
IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)
ICAO: International Civil Aviation Organization
ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO)
CAS: Chemical Abstracts Service (division of the American Chemical Society)
GHS: Globally Harmonized System of Classification and Labelling of Chemicals
CLP: Regulation on Classification, Labelling and Packaging of Substances and Mixtures,
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
EC50: Effect concentration, 50 percent
DNEL: Derived No Effect Level
PNEC: Predicted No Effect Concentration
PBT: Persistent, Bioaccumulative and Toxic
vPvB: very Persistent and very Bioaccumulative

Classification for mixtures and used evaluation method according to Regulation (EC) No. 1272/2008 [CLP]

<table>
<thead>
<tr>
<th>Classification</th>
<th>Classification procedure</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aerosol 1: H222-H229</td>
<td>On basis of test data</td>
</tr>
<tr>
<td>Asp. Tox. 1: H304</td>
<td>Calculation method</td>
</tr>
</tbody>
</table>

Relevant H and EUH statements (number and full text)

H220 Extremely flammable gas.
H222 Extremely flammable aerosol.
H229 Pressurised container: May burst if heated.
H280 Contains gas under pressure; may explode if heated.
H304 May be fatal if swallowed and enters airways.
EUH066 Repeated exposure may cause skin dryness or cracking.

Further Information
This information is based solely on data provided by suppliers of the materials used, not on the mixture itself.
No warranty is expressed or implied regarding the suitability of the product for the user's particular purpose.
The user must make their own determination as to suitability.

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)