Safety data sheet
according to Regulation (EC) No 1907/2006, Annex II

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

1.1 Product identifier
Lack-Polish grün P1.01

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

Relevant identified uses of the substance or mixture:
Polishing liquid

Sector of use [SU]:
SU21 - Consumer uses: Private households (=general public = consumers)

Chemical product category [PC]:
PC31 - Polishes and wax blends

Process category [PROC]:
PROC10 - Roller application or brushing

Environmental Release Category [ERC]:
ERC 8a - Widespread use of non-reactive processing aid (no inclusion into or onto article, indoor)
ERC 8d - Widespread use of non-reactive processing aid (no inclusion into or onto article, outdoor)

Uses advised against:
No information available at present.

1.3 Details of the supplier of the safety data sheet
Koch-Chemie GmbH, Einsteinstrasse 42, 59423 Unna, Germany
Phone:+49 (0) 2303/9 86 70 - 0, Fax:+49 (0) 2303/9 86 70 - 26
KCU@KOCH-CHEMIE.de, www.KOCH-CHEMIE.de

Qualified person’s e-mail address: info@chemical-check.de, k.schnurbusch@chemical-check.de Please DO NOT use for requesting Safety Data Sheets.

1.4 Emergency telephone number

Emergency information services / official advisory body:
National Poisons Information Centre, Beaumont Hospital, Dublin 9, Ireland, Tel.:
+353 (0)1 809 2166 (Public Poisons Info Line, 8am-10pm, 7 days a week)
+353 (0)1 809 2566 (Info for Healthcare Professionals ONLY, 24 h, 7 days a week)

Telephone number of the company in case of emergencies:
+49 (0) 700 / 24 112 112 (KCC)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture
Classification according to Regulation (EC) 1272/2008 (CLP)

<table>
<thead>
<tr>
<th>Hazard class</th>
<th>Hazard category</th>
<th>Hazard statement</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flam. Liq.</td>
<td>3</td>
<td>H226-Flammable liquid and vapour.</td>
</tr>
</tbody>
</table>

2.2 Label elements
Labeling according to Regulation (EC) 1272/2008 (CLP)
Warning

H226-Flammable liquid and vapour.
P102-Keep out of reach of children.
P210-Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P501-Dispose of contents / container to special waste collection point.
EUH066-Repeated exposure may cause skin dryness or cracking.

2.3 Other hazards
The mixture does not contain any vPvB substance (vPvB = very persistent, very bioaccumulative) or is not included under XIII of the regulation (EC) 1907/2006 (< 0,1 %).
The mixture does not contain any PBT substance (PBT = persistent, bioaccumulative, toxic) or is not included under XIII of the regulation (EC) 1907/2006 (< 0,1 %).

### SECTION 3: Composition/information on ingredients

#### 3.1 Substance
n.a.

#### 3.2 Mixture
Naphtha (petroleum), hydrotreated heavy

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Registration number (REACH)</td>
<td>---</td>
</tr>
<tr>
<td>Index</td>
<td>649-327-00-8</td>
</tr>
<tr>
<td>EINECS, ELINCS, NLP</td>
<td>265-150-3</td>
</tr>
<tr>
<td>CAS</td>
<td>64742-48-9</td>
</tr>
<tr>
<td>content %</td>
<td>10-20</td>
</tr>
<tr>
<td>Classification according to Regulation (EC) 1272/2008 (CLP)</td>
<td>Flam. Liq. 3, H226 Asp. Tox. 1, H304</td>
</tr>
</tbody>
</table>

Impurities, test data and additional information may have been taken into account in classifying and labelling the product.
For the text of the H-phrases and classification codes (GHS/CLP), see Section 16.
The substances named in this section are given with their actual, appropriate classification!
For substances that are listed in appendix VI, table 3.1 of the regulation (EC) no. 1272/2008 (CLP regulation) this means that all notes that may be given here for the named classification have been taken into account.
If, for example, the note P is applied for a hydrocarbon then this has already been taken into account for the classification named here.
Quote: "Note P - The classification as a carcinogen or mutagen need not apply if it can be shown that the substance contains less than 0.1 % w/w benzene (EINECS No 200-753-7)."
Article 4 of the regulation (EC) no. 1272/2008 (CLP regulation) was also observed and taken into account for the classification named here.

### SECTION 4: First aid measures

#### 4.1 Description of first aid measures
First-aiders should ensure they are protected!
Never pour anything into the mouth of an unconscious person!

**Inhalation**
Remove person from danger area.
Supply person with fresh air and consult doctor according to symptoms.

**Skin contact**
Remove polluted, soaked clothing immediately, wash thoroughly with plenty of water and soap, in case of irritation of the skin (flare), consult a doctor.

**Eye contact**
Remove contact lenses.
Wash thoroughly for several minutes using copious water. Seek medical help if necessary.

**Ingestion**
Rinse the mouth thoroughly with water.
Do not induce vomiting - give copious water to drink. Consult doctor immediately.

### 4.2 Most important symptoms and effects, both acute and delayed

If applicable delayed symptoms and effects can be found in section 11 and the absorption route in section 4.1.
In certain cases, the symptoms of poisoning may only appear after an extended period / after several hours.

### 4.3 Indication of any immediate medical attention and special treatment needed

Indications for the physician:
Symptomatic treatment.

---

### SECTION 5: Firefighting measures

#### 5.1 Extinguishing media

**Suitable extinguishing media**
- Sand
- Foam
- Extinction powder
- Water jet spray

**Unsuitable extinguishing media**
- High volume water jet

#### 5.2 Special hazards arising from the substance or mixture

In case of fire the following can develop:
- Oxides of carbon
- Oxides of nitrogen
- Hydrocarbons
- Flammable vapour/air mixtures

#### 5.3 Advice for firefighters

In case of fire and/or explosion do not breathe fumes.
Use protective respirator with independent air supply.
Cool container at risk with water.
Dispose of contaminated extinction water according to official regulations.

---

### SECTION 6: Accidental release measures

#### 6.1 Personal precautions, protective equipment and emergency procedures

Remove possible causes of ignition - do not smoke.
Ensure sufficient supply of air.
Avoid inhalation, and contact with eyes or skin.
**Danger** - risk of slipping.

#### 6.2 Environmental precautions

If leakage occurs, dam up.
Resolve leaks if this possible without risk.
Prevent from entering drainage system.
Prevent surface and ground-water infiltration, as well as ground penetration.

#### 6.3 Methods and material for containment and cleaning up

Soak up with absorbent material (e.g. universal binding agent, sand, diatomaceous earth) and dispose of according to Section 13.

#### 6.4 Reference to other sections
SECTION 7: Handling and storage

In addition to information given in this section, relevant information can also be found in section 8 and 6.1.

7.1 Precautions for safe handling

7.1.1 General recommendations

Ensure good ventilation.
Keep away from sources of ignition - Do not smoke.
Avoid inhalation, and contact with eyes or skin.
Observe directions on label and instructions for use.
Use working methods according to operating instructions.

7.1.2 Notes on general hygiene measures at the workplace

General hygiene measures for the handling of chemicals are applicable.
Wash hands before breaks and at end of work.
Keep away from food, drink and animal feedingstuffs.
Remove contaminated clothing and protective equipment before entering areas in which food is consumed.

7.2 Conditions for safe storage, including any incompatibilities

Keep out of access to unauthorised individuals.
Observe special storage conditions.
Store product closed and only in original packing.
Solvent resistant floor
Do not store with oxidizing agents.
Store cool.
Stability during storage:
~ 36 months.

7.3 Specific end use(s)

No information available at present.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Workplace exposure limit (WEL) of the total hydrocarbon solvent content of the mixture (RCP method according to EH40):
1200 mg/m³

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Naphtha (petroleum), hydrotreated heavy</th>
<th>Content %: 10-20</th>
</tr>
</thead>
<tbody>
<tr>
<td>WEL-TWA:</td>
<td>1200 mg/m³ (&gt;= C7 normal and branched chain alkanes)</td>
<td>WEL-STEL: ---</td>
</tr>
<tr>
<td>Monitoring procedures:</td>
<td>- Draeger - Hydrocarbons 2/a (81 03 581)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>- Draeger - Hydrocarbons 0,1%/c (81 03 571)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>- Compur - KITA-187 S (551 174)</td>
<td></td>
</tr>
<tr>
<td>BMGV:</td>
<td>---</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Naphtha (petroleum), hydrotreated heavy</th>
<th>Content %: 10-20</th>
</tr>
</thead>
<tbody>
<tr>
<td>OELV-8h:</td>
<td>600 mg/m³ (AGW)</td>
<td>OELV-15min: 2(II) (AGW)</td>
</tr>
<tr>
<td>Monitoring procedures:</td>
<td>- Draeger - Hydrocarbons 2/a (81 03 581)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>- Draeger - Hydrocarbons 0,1%/c (81 03 571)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>- Compur - KITA-187 S (551 174)</td>
<td></td>
</tr>
<tr>
<td>BLV:</td>
<td>---</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, &lt;2% aromatics</th>
<th>Content %: 1-10</th>
</tr>
</thead>
<tbody>
<tr>
<td>WEL-TWA:</td>
<td>800 mg/m³</td>
<td>WEL-STEL: ---</td>
</tr>
<tr>
<td>Monitoring procedures:</td>
<td>- Draeger - Hydrocarbons 2/a (81 03 581)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>- Draeger - Hydrocarbons 0,1%/c (81 03 571)</td>
<td></td>
</tr>
</tbody>
</table>
### Chemical Name

**Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics**

<table>
<thead>
<tr>
<th>Content %:1-&lt;10</th>
</tr>
</thead>
<tbody>
<tr>
<td>OELV-8h: 100 ppm (573 mg/m³) (White Spirit)</td>
</tr>
<tr>
<td>OELV-15min: 125 ppm (720 mg/m³) (White Spirit)</td>
</tr>
</tbody>
</table>

**Monitoring procedures:**
- Draeger - Hydrocarbons 2/a (81 03 581)
- Draeger - Hydrocarbons 0,1%/c (81 03 571)
- Compur - KITA-187 S (551 174)

**WEL-TWA:** 2 mg/m³ (res. dust)

**WEL-STEL:** ---

**Monitoring procedures:** ---

**BLV:** ---

### Chemical Name

**China stone**

<table>
<thead>
<tr>
<th>Content %:0</th>
</tr>
</thead>
<tbody>
<tr>
<td>OELV-8h: 2 mg/m³ (respirable dust)</td>
</tr>
<tr>
<td>OELV-15min: ---</td>
</tr>
</tbody>
</table>

**Monitoring procedures:** ---

**BLV:** ---

---

**WEL-TWA**: Workplace Exposure Limit - Long-term exposure limit (8-hour TWA (= time weighted average) reference period) **EH40. AGW** = "Arbeitsplatzgrenzwert" (workplace limit value, Germany).


(8) = Inhalable fraction (2017/164/EU, 2017/2398/EU). (9) = Respirable fraction (2017/164/EU, 2017/2398/EU). (10) = Short-term exposure limit value in relation to a reference period of 1 minute (2017/164/EU). | BLV = Biological limit value | Other information: Carc1A, Carc1B = carcinogenic substance, Cat. 1A or 1B. Muta1A, Muta1B = mutagenic substance, Cat. 1A or 1B. Repr1A, Repr1B = Substances known to be toxic for reproduction, Cat. 1A or 1B. Sk = can be absorbed through skin. Asphx = asphyxiant. Sen = Respiratory sensitizer. BOELV = Binding Occupational Exposure Limit Values. IOELV = Indicative Occupational Exposure Limit Values.


**8.2 Exposure controls**

**8.2.1 Appropriate engineering controls**
Ensure good ventilation. This can be achieved by local suction or general air extraction. If this is insufficient to maintain the concentration under the WEL or AGW values, suitable breathing protection should be worn. Suitable assessment methods for reviewing the effectiveness of protection measures adopted include metrological and non-metrological investigative techniques. These are specified by e.g. BS EN 14042.

BS EN 14042 "Workplace atmospheres. Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents".

8.2.2 Individual protection measures, such as personal protective equipment

General hygiene measures for the handling of chemicals are applicable.
Wash hands before breaks and at end of work.
Keep away from food, drink and animal feedingstuffs.
Remove contaminated clothing and protective equipment before entering areas in which food is consumed.

Eye/face protection:
Tight fitting protective goggles with side protection (EN 166).

Skin protection - Hand protection:
Chemical resistant protective gloves (EN 374).
If applicable
Protective Neoprene® / polychloroprene gloves (EN 374).
Protective nitrile gloves (EN 374)
Minimum layer thickness in mm:
0,3
Permeation time (penetration time) in minutes:
>120
Protective hand cream recommended.
The breakthrough times determined in accordance with EN 16523-1 were not obtained under practical conditions.
The recommended maximum wearing time is 50% of breakthrough time.

Skin protection - Other:
Usual protective working garments

Respiratory protection:
Normally not necessary.
At high concentrations:
Gas mask filter A (EN 14387), code colour brown
Observe wearing time limitations for respiratory protection equipment.

Thermal hazards:
If applicable, these are included in the individual protective measures (eye/face protection, skin protection, respiratory protection).
Selection of a suitable glove depends not only on the material but also on other quality characteristics and varies from manufacturer to manufacturer.
In the case of mixtures, the resistance of glove materials cannot be predicted and must therefore be tested before use.
The exact breakthrough time of the glove material can be requested from the protective glove manufacturer and must be observed.

8.2.3 Environmental exposure controls
No information available at present.

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>Physical state:</td>
<td>Viscous</td>
</tr>
<tr>
<td>Colour:</td>
<td>Green</td>
</tr>
<tr>
<td>Odour:</td>
<td>Characteristic</td>
</tr>
<tr>
<td>Odour threshold:</td>
<td>Not determined</td>
</tr>
<tr>
<td>pH-value:</td>
<td>n.a.</td>
</tr>
<tr>
<td>Melting point/freezing point:</td>
<td>Not determined</td>
</tr>
</tbody>
</table>
Initial boiling point and boiling range: Not determined
Flash point: 50 °C
Evaporation rate: Not determined
Flammability (solid, gas): Not determined
Lower explosive limit: Not determined
Upper explosive limit: Explosive mixtures of vapour and air may form.
Vapour pressure: <110 kPa (50°C)
Vapour density (air = 1): n.a.
Density: 0.99 g/ml (20°C)
Bulk density: Not determined
Solubility(ies): Not determined
Water solubility: Emulsion
Partition coefficient (n-octanol/water): Not determined
Auto-ignition temperature: Not determined
Decomposition temperature: Not determined
Viscosity: >20.5 mm²/s (40°C)
Explosive properties: Not determined
Oxidising properties: No

9.2 Other information
Miscibility: Not determined
Fat solubility / solvent: Not determined
Conductivity: Not determined
Surface tension: Not determined
Solvents content: Not determined

SECTION 10: Stability and reactivity

10.1 Reactivity
The product has not been tested.

10.2 Chemical stability
Stable with proper storage and handling.

10.3 Possibility of hazardous reactions
No decomposition if used as intended.

10.4 Conditions to avoid
Heating, open flame, ignition sources
Explosive mixtures of vapour and air may form.

10.5 Incompatible materials
Avoid contact with oxidizing agents.

10.6 Hazardous decomposition products
No decomposition when used as directed.

SECTION 11: Toxicological information

11.1 Information on toxicological effects
Possibly more information on health effects, see Section 2.1 (classification).

<table>
<thead>
<tr>
<th>Toxicity / effect</th>
<th>Endpoint</th>
<th>Value</th>
<th>Unit</th>
<th>Organism</th>
<th>Test method</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute toxicity, by oral route</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>n.d.a.</td>
<td></td>
</tr>
<tr>
<td>Acute toxicity, by dermal route</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>n.d.a.</td>
<td></td>
</tr>
<tr>
<td>Acute toxicity, by inhalation</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>n.d.a.</td>
<td></td>
</tr>
<tr>
<td>Skin corrosion/irritation</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>n.d.a.</td>
<td></td>
</tr>
<tr>
<td>Serious eye damage/irritation</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>n.d.a.</td>
<td></td>
</tr>
<tr>
<td>Respiratory or skin sensitisation</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>n.d.a.</td>
<td></td>
</tr>
<tr>
<td>Germ cell mutagenicity</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>n.d.a.</td>
<td></td>
</tr>
<tr>
<td>Carcinogenicity</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>n.d.a.</td>
<td></td>
</tr>
</tbody>
</table>
Reproductive toxicity: n.d.a.
Aspiration hazard: n.d.a.
Symptoms: n.d.a.
Other information: Classification according to calculation procedure.

### Naphtha (petroleum), hydrotreated heavy

<table>
<thead>
<tr>
<th>Toxicity / effect</th>
<th>Endpoint</th>
<th>Value</th>
<th>Unit</th>
<th>Organism</th>
<th>Test method</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute toxicity, by oral route:</td>
<td>LD50</td>
<td>&gt;2000</td>
<td>mg/kg</td>
<td>Rat</td>
<td>OECD 401 (Acute Oral Toxicity)</td>
<td>Repeated exposure may cause skin dryness or cracking.</td>
</tr>
<tr>
<td>Acute toxicity, by dermal route:</td>
<td>LD50</td>
<td>&gt;2000</td>
<td>mg/kg</td>
<td>Rabbit</td>
<td>OECD 402 (Acute Dermal Toxicity)</td>
<td></td>
</tr>
<tr>
<td>Acute toxicity, by dermal route:</td>
<td>LD50</td>
<td>&gt;3000</td>
<td>mg/kg</td>
<td>Rat</td>
<td>OECD 403 (Acute Inhalation Toxicity)</td>
<td></td>
</tr>
<tr>
<td>Acute toxicity, by inhalation:</td>
<td>LC50</td>
<td>&gt;5</td>
<td>mg/l/4h</td>
<td>Rat</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics

<table>
<thead>
<tr>
<th>Toxicity / effect</th>
<th>Endpoint</th>
<th>Value</th>
<th>Unit</th>
<th>Organism</th>
<th>Test method</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute toxicity, by oral route:</td>
<td>LD50</td>
<td>&gt;5000</td>
<td>mg/kg</td>
<td>Rat</td>
<td>OECD 401 (Acute Oral Toxicity)</td>
<td>Repeated exposure may cause skin dryness or cracking.</td>
</tr>
<tr>
<td>Acute toxicity, by dermal route:</td>
<td>LD50</td>
<td>&gt;2000</td>
<td>mg/kg</td>
<td>Rat</td>
<td>OECD 402 (Acute Dermal Toxicity)</td>
<td></td>
</tr>
<tr>
<td>Acute toxicity, by inhalation:</td>
<td>LC50</td>
<td>&gt;5000</td>
<td>mg/m3/8h</td>
<td>Rat</td>
<td>OECD 403 (Acute Inhalation Toxicity)</td>
<td></td>
</tr>
</tbody>
</table>

Serious eye damage/irritation: OECD 405 (Acute Eye Irritation/Corrosion) Not irritant
Respiratory or skin sensitisation: OECD 406 (Skin Sensitisation) Not sensitising
Germ cell mutagenicity: OECD 471 (Bacterial Reverse Mutation Test) Negative, Analogous conclusion
Carcinogenicity: OECD 453 (Combined Chronic Toxicity/Carcinogenicity Studies) Negative, Analogous conclusion
Reproductive toxicity: OECD 414 (Prenatal Developmental Toxicity Study) Negative, Analogous conclusion
Reproductive toxicity:

<table>
<thead>
<tr>
<th>OECD 421 (Reproduction/Development Toxicity Screening Test)</th>
<th>Negative, Analogous conclusion</th>
</tr>
</thead>
</table>

Specific target organ toxicity - single exposure (STOT-SE):

<table>
<thead>
<tr>
<th>OECD 408 (Repeated Dose 90-Day Oral Toxicity Study in Rodents)</th>
<th>No indications of such an effect.</th>
</tr>
</thead>
</table>

Specific target organ toxicity - repeated exposure (STOT-RE):

<table>
<thead>
<tr>
<th>OECD 408 (Repeated Dose 90-Day Oral Toxicity Study in Rodents)</th>
<th>No indications of such an effect., Analogous conclusion</th>
</tr>
</thead>
</table>

Aspiration hazard:

Yes

Symptoms:

unconsciousness, headaches, dizziness, vomiting, fatigue, nausea

China stone

<table>
<thead>
<tr>
<th>Toxicity / effect</th>
<th>Endpoint</th>
<th>Value</th>
<th>Unit</th>
<th>Organism</th>
<th>Test method</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Serious eye damage/irritation:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Mechanical irritation possible.</td>
<td></td>
</tr>
<tr>
<td>Respiratory or skin sensitisation:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>No indications of such an effect.</td>
<td></td>
</tr>
<tr>
<td>Aspiration hazard:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>No</td>
<td></td>
</tr>
</tbody>
</table>

SECTION 12: Ecological information

Possibly more information on environmental effects, see Section 2.1 (classification).

<table>
<thead>
<tr>
<th>Toxicity / effect</th>
<th>Endpoint</th>
<th>Time</th>
<th>Value</th>
<th>Unit</th>
<th>Organism</th>
<th>Test method</th>
<th>Notes</th>
</tr>
</thead>
</table>
12.2. Persistence and degradability:
The surfactant(s) contained in this mixture complies with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

12.5. Results of PBT and vPvB assessment n.d.a.
12.6. Other adverse effects: n.d.a.
Other information: According to the recipe, contains no AOX.

### Naphtha (petroleum), hydrotreated heavy

<table>
<thead>
<tr>
<th>Toxicity / effect</th>
<th>Endpoint</th>
<th>Time</th>
<th>Value</th>
<th>Unit</th>
<th>Organism</th>
<th>Test method</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>12.2. Persistence and degradability:</td>
<td>Log Pow</td>
<td>28d</td>
<td>5 - 6,7</td>
<td>%</td>
<td>Readily biodegradable</td>
<td></td>
<td></td>
</tr>
<tr>
<td>12.3. Bioaccumulative potential:</td>
<td>LC50</td>
<td>96h</td>
<td>&gt;100</td>
<td>mg/l</td>
<td>Daphnia magna</td>
<td>OECD 203    (Fish, Acute Toxicity Test)</td>
<td></td>
</tr>
</tbody>
</table>

### Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics

<table>
<thead>
<tr>
<th>Toxicity / effect</th>
<th>Endpoint</th>
<th>Time</th>
<th>Value</th>
<th>Unit</th>
<th>Organism</th>
<th>Test method</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>12.1. Toxicity to fish:</td>
<td>LC50</td>
<td>96h</td>
<td>&gt;1000</td>
<td>mg/l</td>
<td>Oncorhynchus mykiss</td>
<td>OECD 203 (Fish, Acute Toxicity Test)</td>
<td></td>
</tr>
<tr>
<td>12.1. Toxicity to fish:</td>
<td>NOELR</td>
<td>28d</td>
<td>0,1</td>
<td>mg/l</td>
<td>Oncorhynchus mykiss</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
SECTION 13: Disposal considerations

13.1 Waste treatment methods
For the substance / mixture / residual amounts

EC disposal code no.: The waste codes are recommendations based on the scheduled use of this product. Owing to the user’s specific conditions for use and disposal, other waste codes may be allocated under certain circumstances. (2014/955/EU) 07 07 04 other organic solvents, washing liquids and mother liquors

Recommendation: Sewage disposal shall be discouraged. Pay attention to local and national official regulations. E.g. suitable incineration plant.

<table>
<thead>
<tr>
<th>China stone</th>
<th>Toxicity / effect</th>
<th>Endpoint</th>
<th>Time</th>
<th>Value</th>
<th>Unit</th>
<th>Organism</th>
<th>Test method</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>12.1 Toxicity to fish:</td>
<td>LC50</td>
<td>96h</td>
<td>&gt;1000</td>
<td>mg/l</td>
<td>Oncorhynchus mykiss</td>
<td>OECD 203 (Fish, Acute Toxicity Test)</td>
<td>Analogous conclusion</td>
<td></td>
</tr>
<tr>
<td>12.1 Toxicity to fish:</td>
<td>EC50</td>
<td>96h</td>
<td>&gt;1000</td>
<td>mg/l</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>12.1 Toxicity to daphnia:</td>
<td>IC50</td>
<td>72h</td>
<td>&gt;1000</td>
<td>mg/l</td>
<td>Scenedesmus subspicatus</td>
<td>OECD 201 (Alga, Growth Inhibition Test)</td>
<td>Analogous conclusion</td>
<td></td>
</tr>
<tr>
<td>12.2 Persistence and degradability:</td>
<td>EC50</td>
<td>72h</td>
<td>&gt;1000</td>
<td>mg/l</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Water solubility:</td>
<td>~10</td>
<td>mg/l</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Slight</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>China stone</th>
<th>Toxicity / effect</th>
<th>Endpoint</th>
<th>Time</th>
<th>Value</th>
<th>Unit</th>
<th>Organism</th>
<th>Test method</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>12.1.1 Toxicity to daphnia:</td>
<td>EC50</td>
<td>48h</td>
<td>&gt;1000</td>
<td>mg/l</td>
<td>Daphnia magna</td>
<td>OECD 202 (Daphnia sp. Acute Immobilisation Test)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>12.1.1 Toxicity to daphnia:</td>
<td>NOELR</td>
<td>21d</td>
<td>0.18</td>
<td>mg/l</td>
<td>Daphnia magna</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>12.1.2 Toxicity to algae:</td>
<td>ErL50</td>
<td>72h</td>
<td>&gt;1000</td>
<td>mg/l</td>
<td>Pseudokirchneriella subcapitata</td>
<td>OECD 201 (Alga, Growth Inhibition Test)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>12.1.2 Toxicity to algae:</td>
<td>NOELR</td>
<td>72h</td>
<td>1000</td>
<td>mg/l</td>
<td>Pseudokirchneriella subcapitata</td>
<td>OECD 201 (Alga, Growth Inhibition Test)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>12.2. Persistence and degradability:</td>
<td>28d</td>
<td>80</td>
<td>%</td>
<td></td>
<td></td>
<td>OECD 301 F (Ready Biodegradability - Manometric Respirometry Test)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>12.3. Bioaccumulative potential:</td>
<td>Log Pow</td>
<td>5.5-7.2</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>12.4. Mobility in soil:</td>
<td>Log Koc</td>
<td>&gt;3</td>
<td></td>
<td></td>
<td></td>
<td>No PBT substance, No vPvB substance</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Relevant endpoints:

<table>
<thead>
<tr>
<th>Toxicity / effect</th>
<th>Endpoint</th>
<th>Time</th>
<th>Value</th>
<th>Unit</th>
<th>Organism</th>
<th>Test method</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>12.1. Toxicity to fish:</td>
<td>LC50</td>
<td>96h</td>
<td>&gt;1000</td>
<td>mg/l</td>
<td>Oncorhynchus mykiss</td>
<td>OECD 203 (Fish, Acute Toxicity Test)</td>
<td>Analogous conclusion</td>
</tr>
<tr>
<td>12.1. Toxicity to fish:</td>
<td>LC10</td>
<td>96h</td>
<td>&gt;100</td>
<td>mg/l</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>12.1. Toxicity to daphnia:</td>
<td>IC50</td>
<td>72h</td>
<td>&gt;1000</td>
<td>mg/l</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>12.2. Persistence and degradability:</td>
<td>EC50</td>
<td>72h</td>
<td>&gt;1000</td>
<td>mg/l</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Water solubility:</td>
<td>~10</td>
<td>mg/l</td>
<td></td>
<td></td>
<td></td>
<td>Slight</td>
<td></td>
</tr>
</tbody>
</table>
SECTION 14: Transport information

General statements
14.1. UN number: 1268

Transport by road/by rail (ADR/RID)
14.2. UN proper shipping name: UN 1268 PETROLEUM DISTILLATES, N.O.S.
14.3. Transport hazard class(es): 3
14.4. Packing group: III
Classification code: F1
LQ: 5 L
14.5. Environmental hazards: Not applicable
Tunnel restriction code: D/E

Transport by sea (IMDG-code)
14.2. UN proper shipping name: PETROLEUM DISTILLATES, N.O.S.
14.3. Transport hazard class(es): 3
14.4. Packing group: III
EmS: F-E, S-E
Marine Pollutant: n.a
14.5. Environmental hazards: Not applicable

Transport by air (IATA)
14.2. UN proper shipping name: Petroleum distillates, n.o.s.
14.3. Transport hazard class(es): 3
14.4. Packing group: III
14.5. Environmental hazards: Not applicable

14.6. Special precautions for user
Persons employed in transporting dangerous goods must be trained.
All persons involved in transporting must observe safety regulations.
Precautions must be taken to prevent damage.

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code
Freighted as packaged goods rather than in bulk, therefore not applicable.
Minimum amount regulations have not been taken into account.
Danger code and packing code on request.
Comply with special provisions.

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
Observe restrictions:
Comply with trade association/occupational health regulations.

Directive 2012/18/EU ("Seveso III"), Annex I, Part 1 - The following categories apply to this product (others may also need to be considered according to storage, handling etc.):

<table>
<thead>
<tr>
<th>Hazard categories</th>
<th>Notes to Annex I</th>
<th>Qualifying quantity (tonnes) of dangerous substances as referred to in Article 3(10) for the application of - Lower-tier requirements</th>
<th>Qualifying quantity (tonnes) of dangerous substances as referred to in Article 3(10) for the application of - Upper-tier requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>P5c</td>
<td></td>
<td>5000</td>
<td>50000</td>
</tr>
</tbody>
</table>
The Notes to Annex 1 of Directive 2012/18/EU, in particular those named in the tables here and notes 1-6, must be taken into account when assigning categories and qualifying quantities.

Directive 2010/75/EU (VOC): ~24%

15.2 Chemical safety assessment
A chemical safety assessment is not provided for mixtures.

SECTION 16: Other information

Revised sections: 8
Employee training in handling dangerous goods is required.
These details refer to the product as it is delivered.
Employee instruction/training in handling hazardous materials is required.

Classification and processes used to derive the classification of the mixture in accordance with the ordinance (EG) 1272/2008 (CLP):

<table>
<thead>
<tr>
<th>Classification in accordance with regulation (EC) No. 1272/2008 (CLP)</th>
<th>Evaluation method used</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flam. Liq. 3, H226</td>
<td>Classification based on test data.</td>
</tr>
</tbody>
</table>

The following phrases represent the posted Hazard Class and Risk Category Code (GHS/CLP) of the product and the constituents (specified in Section 2 and 3).
H226 Flammable liquid and vapour.
H304 May be fatal if swallowed and enters airways.

Flam. Liq. — Flammable liquid
Asp. Tox. — Aspiration hazard

Any abbreviations and acronyms used in this document:

AC Article Categories
acc., acc. to according, according to
ACGIHAmerican Conference of Governmental Industrial Hygienists
ADR Accord européen relatif au transport international des marchandises Dangereuses par Route (= European Agreement concerning the International Carriage of Dangerous Goods by Road)
AOEL Acceptable Operator Exposure Level
AOX Adsorbable organic halogen compounds
approx. approximately
Art., Art. no. Article number
ATE Acute Toxicity Estimate according to Regulation (EC) 1272/2008 (CLP)
BAM Bundesanstalt für Materialforschung und -prüfung (Federal Institute for Materials Research and Testing, Germany)
BauA Bundesanstalt für Arbeitsschutz und Arbeitsmedizin (= Federal Institute for Occupational Health and Safety, Germany)
BCF Bioconcentration factor
BGV Berufsgenossenschaftliche Vorschrift (= Accident Prevention Regulation)
BHT Butylhydroxytoluol (= 2,6-Di-t-butyl-4-methyl-phenol)
BMGV Biological monitoring guidance value (EH40, UK)
BOD Biochemical oxygen demand
BSEF Bromine Science and Environmental Forum
bw body weight
CAS Chemical Abstracts Service
CEC Coordinating European Council for the Development of Performance Tests for Fuels, Lubricants and Other Fluids
CESIO Comité Européen des Agents de Surface et de leurs Intermédiaires Organiques
CIPAC Collaborative International Pesticides Analytical Council
CLP Classification, Labelling and Packaging (REGULATION (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures)
CMR  carcinogenic, mutagenic, reproductive toxic
COD  Chemical oxygen demand
CTFA  Cosmetic, Toiletry, and Fragrance Association
DMEL  Derived Minimum Effect Level
DNEL  Derived No Effect Level
DOC  Dissolved organic carbon
DT50  Dwell Time - 50% reduction of start concentration
DVS  Deutscher Verband für Schweifen und verwandte Verfahren e.V. (= German Association for Welding and Allied Processes)
dw  dry weight
e.g.  for example (abbreviation of Latin 'exempli gratia'), for instance
EC  European Community
ECHA  European Chemicals Agency
EEA  European Economic Area
EEC  European Economic Community
EINECS  European Inventory of Existing Commercial Chemical Substances
ELINCS  European List of Notified Chemical Substances
EN  European Norms
EPA  United States Environmental Protection Agency (United States of America)
ERC  Environmental Release Categories
ES  Exposure scenario
etc.  et cetera
EU  European Union
EWC  European Waste Catalogue
Fax.  Fax number
gen.  general
GHSL  Globally Harmonized System of Classification and Labelling of Chemicals
GWP  Global warming potential
HET-CAM  Hen's Egg Test - Chorionallantoic Membrane
HGWP  Halocarbon Global Warming Potential
IARC  International Agency for Research on Cancer
IATA  International Air Transport Association
IBC  Intermediate Bulk Container
IBC (Code)  International Bulk Chemical (Code)
IC  Inhibitory concentration
IMDG-code  International Maritime Code for Dangerous Goods
incl.  including, inclusive
IUCLID  International Uniform Chemical Information Database
LC  lethal concentration
LC50  lethal concentration 50 percent kill
LCLo  lowest published lethal concentration
LD  Lethal Dose of a chemical
LD50  Lethal Dose, 50% kill
LDLo  Lethal Dose Low
LOAEL  Lowest Observed Adverse Effect Level
LOEC  Lowest Observed Effect Concentration
LOEL  Lowest Observed Effect Level
LC  Limited Quantities
MARPOL  International Convention for the Prevention of Marine Pollution from Ships
n.a.  not applicable
n.av.  not available
n.c.  not checked
n.d.a.  no data available
NIOSH  National Institute of Occupational Safety and Health (United States of America)
NOAEC  No Observed Adverse Effective Concentration
NOAEL  No Observed Adverse Effect Level
NOEC  No Observed Effect Concentration
NOEL  No Observed Effect Level
ODP  Ozone Depletion Potential
OECD  Organisation for Economic Co-operation and Development
org.  organic
PAH  polycyclic aromatic hydrocarbon
PBT  persistent, bioaccumulative and toxic
The statements made here should describe the product with regard to the necessary safety precautions - they are not meant to guarantee definite characteristics - but they are based on our present up-to-date knowledge.

No responsibility.

These statements were made by:

Chemical Check GmbH, Chemical Check Platz 1-7, D-32839 Steinheim, Tel.: +49 5233 94 17 0, Fax: +49 5233 94 17 90

© by Chemical Check GmbH Gefahrstoffberatung. The copying or changing of this document is forbidden except with consent of the Chemical Check GmbH Gefahrstoffberatung.