1.1. Product identifier
rhobaAIR TEPPICHREINIGER TR
Product group: Zulieferprodukt

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

1.3. Details of the supplier of the safety data sheet
Company name: rhoba-chemie GmbH
Street: Gustav-Winkler-Str. 32a
Place: D-33699 Bielefeld
Post-office box: D-33698 Bielefeld
Telephone: 0049-521-417174
Telefax: 0049-521-4171760
E-mail: info@rhoba-chemie.com
Internet: www.rhoba-chemie.com
Responsible Department: Environmental Department

1.4. Emergency telephone number:
0049-361-730730

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture
Classification according to Regulation (EC) No. 1272/2008 [CLP]
This mixture is not classified as hazardous according to Regulation (EC) No. 1272/2008.

2.2. Label elements

SECTION 3: Composition/information on ingredients

3.2. Mixtures
Chemical characterization
Washing and cleaning products (including solvent based products)
Safety Data Sheet

rhoba-chemie GmbH

according to Regulation (EC) No 1907/2006

rhobaAIR TEPPICHEREINIGER TR
Product code: 152022

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Hazardous components

<table>
<thead>
<tr>
<th>EC No</th>
<th>Chemical name</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAS No</td>
<td>Classification according to Directive 67/548/EEC</td>
<td></td>
</tr>
<tr>
<td>Index No</td>
<td>Classification according to Regulation (EC) No. 1272/2008 [CLP]</td>
<td></td>
</tr>
<tr>
<td>REACH No</td>
<td></td>
<td></td>
</tr>
<tr>
<td>230-785-7</td>
<td>Tetrakaliumpyrophosphat</td>
<td>&lt;5 %</td>
</tr>
<tr>
<td>7320-34-5</td>
<td>Xi - Irritant R36</td>
<td>Eye Irrit. 2; H319</td>
</tr>
<tr>
<td>200-661-7</td>
<td>propan-2-ol; isopropyl alcohol; isopropanol</td>
<td>&lt;5 %</td>
</tr>
<tr>
<td>67-63-0</td>
<td>F - Highly flammable, Xi - Irritant R11-36-67</td>
<td></td>
</tr>
<tr>
<td>603-117-00-0</td>
<td>Flam. Liq. 2, Eye Irrit. 2, STOT SE 3; H225 H319 H336</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Sodium lauryl ethoxy sulphate</td>
<td>1-5%</td>
</tr>
<tr>
<td>68585-34-2</td>
<td>Xi - Irritant R36/38</td>
<td>Eye Irrit. 2; H319</td>
</tr>
<tr>
<td></td>
<td>Cocodimethylaminoxide</td>
<td>1-5%</td>
</tr>
<tr>
<td>81788-90-7</td>
<td>Xi - Irritant, N - Dangerous for the environment R38-41-50</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Acute Tox. 4, Skin Irrit. 2, Eye Dam. 1, Aquatic Acute 1 (M-Factor = 10); H302 H315 H319 H400</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Zitronensäure</td>
<td>&lt;5 %</td>
</tr>
<tr>
<td>5049-29-1</td>
<td>Xi - Irritant R36</td>
<td>Eye Irrit. 2; H319</td>
</tr>
</tbody>
</table>

Full text of R-, H- and EUH-phrases: see section 16.

Labelling for contents according to Regulation (EC) No 648/2004
< 5 % phosphates, < 5 % anionic surfactants, < 5 % non-ionic surfactants.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information
Remove contaminated, saturated clothing immediately.

After inhalation
Provide fresh air. If unconscious place in recovery position and seek medical advice.

After contact with skin
After contact with skin, wash immediately with: Water. Change contaminated clothing. After contact with skin, wash immediately with plenty of water and soap.

After contact with eyes
Rinse immediately carefully and thoroughly with eye-bath or water. In case of contact with eyes, rinse immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart. Subsequently consult an ophthalmologist.

After ingestion
If swallowed, immediately drink: Water. Rinse mouth immediately and drink plenty of water.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media
5.2. Special hazards arising from the substance or mixture
In case of fire: Wear self-contained breathing apparatus.

5.3. Advice for firefighters
In case of fire: Wear self-contained breathing apparatus. Use water spray jet to protect personnel and to cool endangered containers.

Additional information
Use water spray jet to protect personnel and to cool endangered containers. Contaminated fire-fighting water must be collected separately. Do not allow to enter into surface water or drains.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures
Wear personal protection equipment.

6.2. Environmental precautions
Do not allow to enter into surface water or 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. Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents).

SECTION 7: Handling and storage

7.1. Precautions for safe handling
Advice on safe handling
Provide adequate ventilation.

Advice on protection against fire and explosion
Keep away from heat.

7.2. Conditions for safe storage, including any incompatibilities
Requirements for storage rooms and vessels
Keep container tightly closed. Keep in a cool, well-ventilated place.

Further information on storage conditions
Keep container tightly closed in a cool, well-ventilated place.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters
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>67-63-0</td>
<td>Propan-2-ol</td>
<td>400</td>
<td>999</td>
<td></td>
<td>TWA (8 h)</td>
<td>WEL</td>
</tr>
<tr>
<td></td>
<td></td>
<td>500</td>
<td>1250</td>
<td></td>
<td>STEL (15 min)</td>
<td>WEL</td>
</tr>
</tbody>
</table>

8.2. Exposure controls

Protective and hygiene measures
Change contaminated clothing. Wash hands before breaks and after work. When using do not eat or drink. Keep away from food, drink and animal feedingstuffs. Take off immediately all contaminated
clothing, including underwear and shoes. Wash hands before breaks and after work. Avoid contact with skin and eyes.

**Eye/face protection**
Tightly sealed safety glasses.

**Hand protection**
The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances.

**Respiratory protection**
With correct and proper use, and under normal conditions, breathing protection is not required.

### SECTION 9: Physical and chemical properties

<table>
<thead>
<tr>
<th>Physical state:</th>
<th>liquid</th>
</tr>
</thead>
<tbody>
<tr>
<td>Colour:</td>
<td>light yellow</td>
</tr>
<tr>
<td>Odour:</td>
<td>characteristic</td>
</tr>
</tbody>
</table>

**pH-Value (at 20 °C):** 9,0

**Changes in the physical state**

Initial boiling point and boiling range:

**Lower explosion limits:**

**Upper explosion limits:**

Vapour pressure:
(at 20 °C) 23 hPa

Vapour pressure:
(at 50 °C) 124 hPa

Density (at 20 °C): 1,01 g/cm³

#### 9.2. Other information

Solid content: 5,05 %

### SECTION 10: Stability and reactivity

**10.2. Chemical stability**
The product is stable under storage at normal ambient temperatures.

**10.3. Possibility of hazardous reactions**
No risks worthy of mention.

**10.4. Conditions to avoid**
Heat / Frost

**10.6. Hazardous decomposition products**
Carbon dioxide (CO2). Carbon monoxide. Hydrocarbons.

### SECTION 11: Toxicological information

**11.1. Information on toxicological effects**

**Acute toxicity**

Based on available data, the classification criteria are not met.
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.

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

Severe effects after repeated or prolonged exposure
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.

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

Additional information on tests
The classification was carried out according to the calculation method of the Preparations Directive (1999/45/EC).

SECTION 12: Ecological information

12.1. Toxicity
### Safety Data Sheet

rhobaAIR TEPPICHREINIGER TR

Print date: 30.10.2015
Product code: 152022

<table>
<thead>
<tr>
<th>CAS No</th>
<th>Chemical name</th>
<th>Aquatic toxicity</th>
<th>Method</th>
<th>Dose [mg/l]</th>
<th>[h]</th>
<th>Species</th>
<th>Source</th>
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</thead>
<tbody>
<tr>
<td>7320-34-5</td>
<td>Tetrakaliumpyrophosphat</td>
<td>Acute fish toxicity</td>
<td>LC50</td>
<td>110</td>
<td>96</td>
<td>Leuciscus idus (golden orfe)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Acute crustacea toxicity</td>
<td>EC50</td>
<td>210</td>
<td>48</td>
<td>Daphnia magna (Big water flea)</td>
<td></td>
</tr>
<tr>
<td>61788-90-7</td>
<td>Cocodimethylaminoxide</td>
<td>Acute fish toxicity</td>
<td>LC50</td>
<td>1-10</td>
<td>96</td>
<td>Pimephales promelas (fathead minnow)</td>
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<tr>
<td></td>
<td></td>
<td>Acute algae toxicity</td>
<td>ErC50</td>
<td>0,1-1</td>
<td>72</td>
<td>Pseudokirchneriella subcapitata</td>
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</tr>
<tr>
<td></td>
<td></td>
<td>Acute crustacea toxicity</td>
<td>EC50</td>
<td>1-10</td>
<td>48</td>
<td>Daphnia magna (Big water flea)</td>
<td></td>
</tr>
<tr>
<td>5049-29-1</td>
<td>Zitronensäure</td>
<td>Acute fish toxicity</td>
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<td>110</td>
<td>48</td>
<td>Daphnia magna (Big water flea)</td>
<td></td>
</tr>
</tbody>
</table>

12.3. Bioaccumulative potential
Partition coefficient n-octanol/water

<table>
<thead>
<tr>
<th>CAS No</th>
<th>Chemical name</th>
<th>Log Pow</th>
</tr>
</thead>
<tbody>
<tr>
<td>7320-34-5</td>
<td>Tetrakaliumpyrophosphat</td>
<td>-2</td>
</tr>
</tbody>
</table>

### SECTION 13: Disposal considerations

13.1. Waste treatment methods

**Advice on disposal**
Dispose of waste according to applicable legislation. Do not allow to enter into surface water or drains.

**Waste disposal number of waste from residues/unused products**
070601 WASTES FROM ORGANIC CHEMICAL PROCESSES; wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics; aqueous washing liquids and mother liquors Classified as hazardous waste.

**Contaminated packaging**
Non-contaminated packages may be recycled. Handle contaminated packages in the same way as the substance itself. Water. Water (with cleaning agent).

### SECTION 14: Transport information

**Land transport (ADR/RID)**
Other applicable information (land transport)
No dangerous good in sense of this transport regulation.

**Inland waterways transport (ADN)**
Other applicable information (inland waterways transport)
No dangerous good in sense of this transport regulation.

**Marine transport (IMDG)**
Other applicable information (marine transport)
No dangerous good in sense of this transport regulation.

**Air transport (ICAO)**

Revision No: 2.00
GB - EN
Revision date: 16.02.2015
14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: no

SECTION 15: Regulatory information

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

EU regulatory information
2004/42/EC (VOC): 2.9 % (29.29 g/l)

National regulatory information
Water contaminating class (D): 1 - slightly water contaminating

SECTION 16: Other information

Relevant R-phrases (Number and full text)
11 Highly flammable.
36 Irritating to eyes.
36/38 Irritating to eyes and skin.
38 Irritating to skin.
41 Risk of serious damage to eyes.
50 Very toxic to aquatic organisms.
67 Vapours may cause drowsiness and dizziness.

Relevant H- and EUH-phrases (Number and full text)
H225 Highly flammable liquid and vapour.
H302 Harmful if swallowed.
H315 Causes skin irritation.
H318 Causes serious eye damage.
H319 Causes serious eye irritation.
H336 May cause drowsiness or dizziness.
H400 Very toxic to aquatic life.

Further Information

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

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