Safety Data Sheet

according to Regulation (EC) No 1907/2006

rhobaAIR WC CLEAN T
Product code: 152017

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

1.1. Product identifier
rhobaAIR WC CLEAN T

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

Use of the substance/mixture
Sanitary cleaner, based on sulfamic acid, irritant

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: 512082
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 Directive 67/548/EEC or 1999/45/EC
Indications of danger: Xi - Irritant
R phrases:
Irritating to eyes and skin.
Classification according to Regulation (EC) No. 1272/2008 [CLP]

Classification according to Regulation (EC) No. 1272/2008 [CLP]
Hazard categories:
Skin corrosion/irritation: Skin Irrit. 2
Serious eye damage/eye irritation: Eye Irrit. 2
Hazard Statements:
Causes skin irritation.
Causes serious eye irritation.

2.2. Label elements
Signal word: Warning
Pictograms: GHS07

Hazard statements
H315 Causes skin irritation.
H319 Causes serious eye irritation.

Precautionary statements
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P302+P352 IF ON SKIN: Wash with plenty of water.
3.2. Mixtures

Hazardous components

<table>
<thead>
<tr>
<th>EC No</th>
<th>Chemical name</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>226-218-8</td>
<td>sulfamic acid, sulphamic acid, sulphamidic acid</td>
<td>1-10%</td>
</tr>
<tr>
<td>5329-14-6</td>
<td>Xi - Irritant R36/38-52-53</td>
<td></td>
</tr>
<tr>
<td>016-026-00-0</td>
<td>Eye Irrit. 2, Skin Irrit. 2, Aquatic Chronic 3; H319 H315 H412</td>
<td></td>
</tr>
<tr>
<td></td>
<td>C10: Alcohol ethoxylate</td>
<td>1-5%</td>
</tr>
<tr>
<td>160875-66-1</td>
<td>Xn - Harmful, Xi - Irritant R22-41</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Acute Tox. 4, Eye Dam. 1; H302 H318</td>
<td></td>
</tr>
</tbody>
</table>

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

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.
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

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

9.1. Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical state</td>
<td>liquid</td>
</tr>
<tr>
<td>Colour</td>
<td>light blue</td>
</tr>
<tr>
<td>Odour</td>
<td>characteristic</td>
</tr>
</tbody>
</table>

**Test method**

pH-Value (at 20 °C): 1.0

**Changes in the physical state**

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Initial boiling point and boiling range:</td>
<td>100 °C</td>
</tr>
<tr>
<td>Vapour pressure:</td>
<td>23 hPa</td>
</tr>
<tr>
<td>(at 20 °C)</td>
<td></td>
</tr>
<tr>
<td>Vapour pressure:</td>
<td>124 hPa</td>
</tr>
<tr>
<td>(at 50 °C)</td>
<td></td>
</tr>
<tr>
<td>Density (at 20 °C):</td>
<td>1.06 g/cm³</td>
</tr>
</tbody>
</table>

SECTION 10: Stability and reactivity

10.1. Reactivity

none

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

Keep away from heat.

10.5. Incompatible materials

Alkalis (alkalis).

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.

<table>
<thead>
<tr>
<th>CAS No</th>
<th>Chemical name</th>
<th>Exposure routes</th>
<th>Method</th>
<th>Dose</th>
<th>Species</th>
<th>Source</th>
</tr>
</thead>
<tbody>
<tr>
<td>5329-14-6</td>
<td>sulfamic acid, sulphanic acid, sulphamic acid</td>
<td>oral</td>
<td>LD50</td>
<td>3160 mg/kg</td>
<td>Rat</td>
<td></td>
</tr>
<tr>
<td>160875-66-1</td>
<td>C10 Alcoholexylate</td>
<td>oral</td>
<td>ATE</td>
<td>500 mg/kg</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Irritation and corrosivity**

Causes skin irritation.
Causes serious eye irritation.

**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.

SECTION 12: Ecological information

12.1. Toxicity

<table>
<thead>
<tr>
<th>CAS No</th>
<th>Chemical name</th>
<th>Aquatic toxicity</th>
<th>Method</th>
<th>Dose</th>
<th>h</th>
<th>d</th>
<th>Species</th>
<th>Source</th>
</tr>
</thead>
<tbody>
<tr>
<td>5329-14-6</td>
<td>sulfamic acid, sulphanimic acid, sulphamidic acid</td>
<td>Acute fish toxicity</td>
<td>LC50</td>
<td>70,3 mg/l</td>
<td>96 h</td>
<td>Pimephales promelas</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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.

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.

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)
Other applicable information (air transport)
No dangerous good in sense of this transport regulation.

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

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

SECTION 16: Other information

Relevant R-phrases (Number and full text)
22 Harmful if swallowed.
36/38 Irritating to eyes and skin.
41 Risk of serious damage to eyes.
52 Harmful to aquatic organisms.
53 May cause long-term adverse effects in the aquatic environment.

Relevant H- and EUH-phrases (Number and full text)
H302 Harmful if swallowed.
H315 Causes skin irritation.
H318 Causes serious eye damage.
H319 Causes serious eye irritation.
H412 Harmful to aquatic life with long lasting effects.

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.)