SAFETY DATA SHEET
According regulation (EC) No. 1907/2006

Compilation date: 18.02.2011
Revision date: 08.10.2015
Revision No: 6.1

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

1.1. Product identifier

Product name: Rinsing-Tab for RATIONAL SelfCookingCenter®, Art.-No. 56.00.208, 56.00.211

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

Use of substance / mixture: Rinsing agent for SelfCooking Center for professional users

1.3. Details of the supplier of the safety data sheet

Company name: Rational AG
Iglinger Strasse 62
D - 86899 Landsberg
Germany
Tel: +49 (0)8191 - 3270
Fax: +49 (0)8191 - 21735
Email: reinigung@rational-online.de

1.4. Emergency telephone number

Emergency tel: +49 (0)89 - 19240
(24 hours Giftnotruf München)

Section 2: Hazards identification

2.1. Classification of the substance or mixture

Classification under CLP: Eye Irrit. 2: H319
Most important adverse effects: Causes serious eye irritation.

2.2. Label elements

Label elements under CLP:

- Hazard statements: H319: Causes serious eye irritation.
- Signal words: Warning
- Hazard pictograms: GHS07: Exclamation mark

Precautionary statements:
P102: Keep out of reach of children.
P101: If medical advice is needed, have product container or label at hand.
P280: Wear eye protection.
P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+313: If eye irritation persists: Get medical advice.

[cont...]
2.3. Other hazards

PBT: This substance is not identified as a PBT substance.

Section 3: Composition/information on ingredients

3.2. Mixtures

Hazardous ingredients:

CITRIC ACID - REACH registered number(s): 01-2119457026-42-0000

<table>
<thead>
<tr>
<th>EINECS</th>
<th>CAS</th>
<th>CLP Classification</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>201-069-1</td>
<td>77-92-9</td>
<td>Eye Irrit. 2: H319</td>
<td>&gt;20%</td>
</tr>
</tbody>
</table>

FATTY ALCOHOL ALCOXYLATE - REACH registered number(s): 02-2119548508-30-0000

<table>
<thead>
<tr>
<th>EINECS</th>
<th>CAS</th>
<th>CLP Classification</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>-</td>
<td>-</td>
<td>Skin Irrit. 2: H315</td>
<td>1-5%</td>
</tr>
</tbody>
</table>

Section 4: First aid measures

4.1. Description of first aid measures

Skin contact: Wash immediately with plenty of soap and water.
Eye contact: Bathe the eye with running water for 15 minutes. Transfer to hospital for specialist examination.
Ingestion: Wash out mouth with water. Do not induce vomiting. If conscious, give half a litre of water to drink immediately. Consult a doctor.
Inhalation: Not applicable.

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

Skin contact: There may be irritation and redness at the site of contact.
Eye contact: There may be pain and redness. The eyes may water profusely.
Ingestion: There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur.
Inhalation: Not applicable.

Delayed / immediate effects: Immediate effects can be expected after long-term exposure.

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

Section 5: Fire-fighting measures

5.1. Extinguishing media

Extinguishing media: Suitable extinguishing media for the surrounding fire should be used.

5.2. Special hazards arising from the substance or mixture

Exposure hazards: Not applicable.

5.3. Advice for fire-fighters

Advice for fire-fighters: Not applicable.

[cont...]
Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Do not attempt to take action without suitable protective clothing - see section 8 of SDS.

6.2. Environmental precautions

Environmental precautions: Do not discharge into drains or rivers.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Wash the spillage site with large amounts of water. Refer to section 13 of SDS for suitable method of disposal.

6.4. Reference to other sections

Reference to other sections: Refer to section 8 of SDS.

Section 7: Handling and storage

7.1. Precautions for safe handling

Handling requirements: Avoid direct contact with the substance.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in cool, well ventilated area. Keep container tightly closed.

Suitable packaging: Must only be kept in original packaging.

7.3. Specific end use(s)

Section 8: Exposure controls/personal protection

8.1. Control parameters

Workplace exposure limits: No data available.

8.2. Exposure controls

Engineering measures: Ensure there is sufficient ventilation of the area.

Respiratory protection: Respiratory protection not required.

Hand protection: Not applicable.

Eye protection: Safety glasses. Ensure eye bath is to hand.

Skin protection: Not applicable.

Environmental: No special requirement.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Solid

Colour: White

Odour: Characteristic odour

Evaporation rate: Not applicable.

Oxidising: Non-oxidising (by EC criteria)
SAFETY DATA SHEET
Rinsing-Tab for RATIONAL SelfCookingCenter®

Solubility in water: Soluble
Viscosity: Not applicable.
Boiling point/range°C: Not applicable.
Melting point/range°C: No data available.
Flammability limits %: lower: Not applicable.
upper: Not applicable.
Flash point°C: Not applicable.
Part.coeff. n-octanol/water: No data available.
Autoflammability°C: No data available.
Vapour pressure: Not applicable.
Relative density: 950 g/l
pH: 3 (1%ig)
VOC g/l: <3%

9.2. Other information
Other information: No data available.

Section 10: Stability and reactivity

10.1. Reactivity
Reactivity: Stable under recommended transport or storage conditions.

10.2. Chemical stability
Chemical stability: Stable under normal conditions.

10.3. Possibility of hazardous reactions
Hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions.
Decomposition may occur on exposure to conditions or materials listed below.

10.4. Conditions to avoid
Conditions to avoid: Humidity.

10.5. Incompatible materials
Materials to avoid: No data available.

10.6. Hazardous decomposition products
Haz. decomp. products: No data available.

Section 11: Toxicological information

11.1. Information on toxicological effects

Hazardous ingredients:

CITRIC ACID
| ORL | RAT | LD50 | 5790 | mg/kg |

FATTY ALCOHOL ALCOXYLATE
| ORAL | RAT | LD50 | >2000 | mg/kg |

Toxicity values: No data available.

[cont...]
Symptoms / routes of exposure

Skin contact: There may be irritation and redness at the site of contact.
Eye contact: There may be pain and redness. The eyes may water profusely.
Ingestion: There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur.
Inhalation: Not applicable.

Delayed / immediate effects: Immediate effects can be expected after long-term exposure.

Section 12: Ecological information

12.1. Toxicity

Hazardous ingredients:

<table>
<thead>
<tr>
<th>CITRIC ACID</th>
<th></th>
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</thead>
<tbody>
<tr>
<td>Daphnia magna 72H EC50</td>
<td>~120 mg/l</td>
</tr>
<tr>
<td>Leuciscus idus 96H LC50</td>
<td>440-706 mg/l</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>FATTY ALCOHOL ALCOXYLATE</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Leuciscus idus 96H LC50</td>
<td>1-10 mg/l</td>
</tr>
</tbody>
</table>

12.2. Persistence and degradability

Persistence and degradability: Biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential: No data available.

12.4. Mobility in soil

Mobility: Soluble in water.

12.5. Results of PBT and vPvB assessment

PBT identification: This substance is not identified as a PBT substance.

12.6. Other adverse effects

Other adverse effects: Negligible ecotoxicity.

Section 13: Disposal considerations

13.1. Waste treatment methods

Disposal operations: Transfer to a suitable container and arrange for collection by specialised disposal company.
Waste code number: 20 01 29
Disposal of packaging: May be reused following decontamination.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.
Section 14: Transport information

Transport class: This product does not require a classification for transport.

Section 15: Regulatory information

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

15.2. Chemical Safety Assessment

Chemical safety assessment: A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

Section 16: Other information

Other information

Other information: This safety data sheet is prepared in accordance with Commission Regulation (EU) No. 1907/2006.

* indicates text in the SDS which has changed since the last revision.

Data references: Safety data sheets from our raw material suppliers

Classification for mixtures and used evaluation method according to Article 9 of regulation (EC) 1272/2008 [CLP]:

Calculation method

Phrases used in s.2 and 3:

H315: Causes skin irritation.

H319: Causes serious eye irritation.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.