Safety Data Sheet
According to the Model WHS Regulations and the ADG code

CARE-TAB for RATIONAL SelfCookingCenter®

Print date: 13.12.2017
Product code: 00625-0016_AUS

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

1.1. Product identifier
CARE-TAB for RATIONAL SelfCookingCenter®, Art. Nr. 56.00.560, 56.00.562

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

Use of the substance/mixture
Preservative agent
For professional users only

Uses advised against
Do not use substance for purposes other than those indicated by the manufacturer.

1.3. Details of the supplier of the safety data sheet

Company name: COMCATER PTY LTD
Street: 156 Swann Drive
Place: Derrimut
Victoria 3030, Australia
Telephone: +61 3 8369 4600
Telefax: +61 3 8369 4699
Internet: www.comcater.com.au
Responsible Department: Responsible for the safety data sheet: sds@gbk-ingelheim.de

1.4. Emergency telephone number: POISONS INFORMATION CENTRE Phone: 13 11 26

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture
CLASSIFIED AS HAZARDOUS CHEMICAL ACCORDING TO SAFE WORK AUSTRALIA AND WHS CRITERIA
CLASSIFIED AS NON-DANGEROUS GOODS ACCORDING TO THE ADG CODE
POISON SCHEDULE: none allocated

Classification
Hazard categories:
Skin corrosion/irritation: Skin Irrit. 2
Serious eye damage/eye irritation: Eye Irrit. 2A
Hazard Statements:
Causes skin irritation.
Causes serious eye irritation.

2.2. Label elements
Signal word: Warning
Pictograms:

! exclamation mark

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

P102 Keep out of reach of children.
P101 If medical advice is needed, have product container or label at hand.
P280 Wear protective gloves.
P302+P352 IF ON SKIN: Wash with plenty of soap and water.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P308+P313 IF exposed or concerned: Get medical advice/attention.

2.3. Other hazards

According to Regulation (EC) No 1907/2006 (REACH) none of the substances, contained in this product are a PBT substance.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Chemical characterization
Mixture of the following substances with non-hazardous admixtures

<table>
<thead>
<tr>
<th>CAS No</th>
<th>Chemical name</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>77-92-9</td>
<td>Citric acid</td>
<td>30 - 60 %</td>
</tr>
<tr>
<td>201-069-1</td>
<td>Eye Irr. 2A; H319</td>
<td></td>
</tr>
<tr>
<td>617-48-1</td>
<td>Malic acid</td>
<td>30 - 60 %</td>
</tr>
<tr>
<td>210-514-9</td>
<td>Skin Irrit. 2, Eye Irrit. 2A; H315 H319</td>
<td></td>
</tr>
<tr>
<td>124-04-9</td>
<td>Adipic acid</td>
<td>&lt; 10 %</td>
</tr>
<tr>
<td>204-673-3</td>
<td>Eye Irrit. 2A; H319</td>
<td></td>
</tr>
<tr>
<td></td>
<td>non hazardous ingredients</td>
<td>&lt; 2 %</td>
</tr>
</tbody>
</table>

Full text of H and AUH phrases: see section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information
If you feel unwell, seek medical advice.

After inhalation
Take affected person into fresh air.
In the event of symptoms refer for medical treatment.

After contact with skin
In case of contact with skin wash off immediately with soap and water.
Consult a doctor if skin irritation persists.

After contact with eyes
Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.
Consult (eye) doctor immediately.

After ingestion
Rinse out mouth thoroughly with water.
Do not induce vomiting.
4.2. Most important symptoms and effects, both acute and delayed
Causes skin irritation.
Causes serious eye irritation.

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

SECTION 5: Firefighting measures

5.1. Extinguishing media
Suitable extinguishing media
Product does not burn, fire-extinguishing activities according to surrounding.

Unsuitable extinguishing media
No information available.

5.2. Special hazards arising from the substance or mixture
No information available.

5.3. Advice for firefighters
Wear self-contained breathing apparatus and protective suit.
HAZCHEM: none allocated

Additional information
Fire residues and contaminated firefighting water must be disposed of in accordance with the local regulations.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures
Use personal protective clothing.
Keep away noninvolved persons.
Avoid contact with skin, eyes and clothing.

6.2. Environmental precautions
Do not discharge into the drains/surface waters/ground water.

6.3. Methods and material for containment and cleaning up
Pick up mechanically, avoiding dust, and provide disposal in suitable recipients.
Flush away residues with water.

6.4. Reference to other sections
Observe protective instructions (see Sections 7 and 8).
Information for disposal see section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling
Advice on safe handling
Avoid the formation of dust.
Avoid contact with eyes, skin or mucous membrane.

Advice on protection against fire and explosion
No information available.

7.2. Conditions for safe storage, including any incompatibilities
Requirements for storage rooms and vessels
Keep in the original sealed container.
Keep containers tightly closed in a dry, well-ventilated place.
Protect from atmospheric moisture and water.
Further information on storage conditions
   Keep away from food, drink and animal feeding stuffs.

7.3. Specific end use(s)
   Preservative agent
   For professional users only

SECTION 8: Exposure controls/personal protection

8.1. Control parameters
   Occupational Exposure Limits (OEL) - Australia
   No information available.

8.2. Exposure controls
   Appropriate engineering controls
   Provide appropriate exhaust ventilation at machinery and at places where dust can be generated.

   Protective and hygiene measures
   Avoid contact with eyes and skin.
   Wash hands before breaks and at the end of workday.
   When using do not eat, drink or smoke.
   Remove and wash contaminated clothing before re-use.

   Eye/face protection
   Safety goggles.

   Hand protection
   Protective gloves.
   Gloves made of nitrile.
   This recommendation refers exclusively to the chemical compatibility and the lab test conforming to EN 374 carried out under lab conditions.
   Requirements can vary as a function of the use. Therefore it is necessary to adhere additionally to the recommendations given by the manufacturer of protective gloves.

   Skin protection
   No information available.

   Respiratory protection
   No personal respiratory protective equipment normally required.
   Breathing apparatus (particle filter) only if dust is formed.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties
   Physical state: Tablets, Solid
   Colour: White
   Odour: Characteristic

   pH-Value: 2.5
   (1%)

   Changes in the physical state
   Melting point: Not applicable.
   Initial boiling point and boiling range: Not applicable.
   Flash point: Not applicable.
   Evaporation rate: No information available.
   Flammability: No information available.
According to the Model WHS Regulations and the ADG code

**Lower explosion limits:** Not applicable.
**Upper explosion limits:** Not applicable.
**Vapour pressure:** Not applicable.
**Vapour density:** No information available.
**Density:** 0.8 g/cm³
**Water solubility:** Soluble
**Solubility in other solvents** No information available.
**Partition coefficient:** Not available.
**Ignition temperature:** Not applicable.
**Auto-ignition temperature** No information available.
**Explosive properties** No information available.
**Decomposition temperature:** No information available.
**Viscosity / dynamic:** Not available.
**Viscosity / kinematic:** Not available.
**Oxidizing properties** Not oxidising.

**SECTION 10: Stability and reactivity**

10.1. **Reactivity**
Stable under normal conditions.

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

10.3. **Possibility of hazardous reactions**
No hazardous reaction when handled and stored according to provisions.

10.4. **Conditions to avoid**
Protect from moisture.

10.5. **Incompatible materials**
No materials to be especially mentioned.

10.6. **Hazardous decomposition products**
No hazardous decomposition products known.

**SECTION 11: Toxicological information**

11.1. **Information on toxicological effects**

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

<table>
<thead>
<tr>
<th>CAS No</th>
<th>Chemical name</th>
<th>Exposure route</th>
<th>Method</th>
<th>Dose</th>
<th>Species</th>
<th>Source</th>
</tr>
</thead>
<tbody>
<tr>
<td>77-92-9</td>
<td>Citric acid</td>
<td>oral</td>
<td>LD50</td>
<td>11700 mg/kg</td>
<td>Rat</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>dermal</td>
<td>LD50</td>
<td>&gt; 2000 mg/kg</td>
<td>Rat</td>
<td></td>
</tr>
<tr>
<td>617-48-1</td>
<td>Malic acid</td>
<td>oral</td>
<td>LD50</td>
<td>3200 mg/kg</td>
<td>Rat</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
The product has not been tested.

12.2. Persistence and degradability
Product is biodegradable.

12.3. Bioaccumulative potential
The product has not been tested.

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>77-92-9</td>
<td>Citric acid</td>
<td>- 1.72</td>
</tr>
</tbody>
</table>

12.4. Mobility in soil
The product is soluble in water.

12.5. Results of PBT and vPvB assessment
According to Regulation (EC) No 1907/2006 (REACH) none of the substances, contained in this product are a PBT substance.

12.6. Other adverse effects
Low hazard to waters.

SECTION 13: Disposal considerations

13.1. Waste treatment methods
Advice on disposal
Remove in accordance with local official regulations.

Contaminated packaging
Empty containers should be taken for local recycling, recovery or waste disposal.
Contaminated packaging should be emptied as far as possible and after appropriate cleansing may be taken for reuse.
Packaging that cannot be cleaned should be disposed of like the product.
National and local regulations concerning chemicals shall be observed.

SECTION 14: Transport information

Land transport (ADG); Marine transport (IMDG); Air transport (ICAO-TI/IATA-DGR)

14.1. UN number:
No hazardous material as defined by the transport regulations.

14.2. UN proper shipping name:
No hazardous material as defined by the transport regulations.

14.3. Transport hazard class(es):
No hazardous material as defined by the transport regulations.

14.4. Packing group:
No hazardous material as defined by the transport regulations.

14.5. Environmental hazards
No hazardous material as defined by the transport regulations.

14.6. Special precautions for user
No hazardous material as defined by the transport regulations.

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code
No hazardous material as defined by the transport regulations.

SECTION 15: Regulatory information

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

EU regulatory information
1999/13/EC (VOC): < 3 %

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

Additional information
Poison Schedule: none allocated
Labelling requirements for SUSMP do not apply to a poison that is packed and sold solely for industrial, laboratory or manufacturing use. However, this product is labelled in accordance with the Safe Work Australia "Code of Practice" for workplace substances.

15.2. Chemical safety assessment
Chemical safety assessments for substances in this mixture were not carried out.

SECTION 16: Other information

Changes
Changes in chapter: -
Abbreviations and acronyms

ADG = Australian Code for the Transport of Dangerous Goods by Road & Rail
IMDG = International Maritime Code for Dangerous Goods
IATA/ICAO = International Air Transport Association / International Civil Aviation Organization
MARPOL = International Convention for the Prevention of Pollution from Ships
IBC-Code = International Code for the Construction and Equipment of Ships Carrying Dangerous Chemicals in Bulk
HAZCHEM = HAZardous CHEMicals

WHS = Work Health and Safety
NOHSC = National Occupational Health and Safety Commission (Australia)
GHS = Globally Harmonized System of Classification and Labelling of Chemicals
REACH = Registration, Evaluation, Authorization and Restriction of Chemicals
CAS = Chemical Abstract Service
EN = European norm
ISO = International Organization for Standardization
DIN = Deutsche Industrie Norm
PBT = Persistent Bioaccumulative and Toxic
tvPvB = Very Persistent and very Bio-accumulative

LD = Lethal dose
LC = Lethal concentration
EC = Effect concentration
EC = Median immobilisation concentration or median inhibitory concentration

Relevant H and AUH statements (number and full text)

H315 Causes skin irritation.
H319 Causes serious eye irritation.

Further Information

Data of items 4 to 8, as well as 10 to 12, do partly not refer to the use and the regular employing of the product (in this sense consult information on use and product), but to liberation of major amounts in case of accidents and irregularities.
The information describes exclusively the safety requirements for the product(s) and is based on the present level of our knowledge.
The delivery specifications are contained in the corresponding product sheet.
This data does not constitute a guarantee for the characteristics of the product(s) as defined by the legal warranty regulations.

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