Safety Data Sheet

According to the Model WHS Regulations and the ADG code

CARE-TAB for RATIONAL SelfCookingCenter®

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 (0) 3 8369 4600	Telefax:+61 (0) 3 8369 4666
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

Hazardous components

CAS No	Chemical name	Quantity
EC No	Classification according to WHS criteria	
77-92-9	Citric acid	30 - 60 %
201-069-1	Eye Irrit. 2A; H319	
617-48-1	Malic acid	30 - 60 %
210-514-9	Skin Irrit. 2, Eye Irrit. 2A; H315 H319	
124-04-9	Adipic acid	< 10 %
204-673-3	Eye Irrit. 2A; H319	
	non hazardous ingredients	< 2 %

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.

Call a physician immediately.

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	
		Test method
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.

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.

9.2. Other information

No information available.

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

CAS No	Chemical name				
	Exposure route	Method	Dose	Species	Source
77-92-9	Citric acid				
	oral	LD50	11700 mg/kg	Rat	
	dermal	LD50 mg/kg	> 2000	Rat	
617-48-1	Malic acid				
	oral	LD50	3200 mg/kg	Rat	

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

CAS No	Chemical name	Log Pow
77-92-9	Citric acid	- 1.72

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

Contact

Comcater Melbourne: 156 Swann Drive, Derrimut, 3030
Ph: (03) 8369 4600 Fax: (03) 8369 4666
Comcater Sydney: Unit 20/4 Avenue of the Americas, Newington
NSW 2127 Ph: (02) 9748 3000 Fax: (02) 9648 4762
Comcater Brisbane: 1/62 Borthwick Avenue, Murarrie, QLD 4172
Ph: (07) 3399 3122 Fax: (07) 3252 1299
Comcater Perth: 16/7 Abrams Street, Balcatta, WA 6021
Ph: (08) 6217 0700 Fax: (08) 6217 0799

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
vPvB = Very Persistent and very Bio-accumulative

LD = Lethal dose
LC = Lethal concentration
EC = Effect concentration
IC = 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 on 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.)