

# Care-Tab for RATIONAL SelfCooking Center®, Art. Nr. 56.00.560, 56.00.562



## Safety Data Sheet

According to ICOP 2014

Revision date: 01/04/2022 Supersedes: 5/19/2016 Version: 1.1.02 SDS

No: 00625-0016

### SECTION 1: Identification of the hazardous chemical and of the supplier

#### 1.1. Product identifier

Name : Care-Tab for RATIONAL SelfCooking Center®, Art. Nr. 56.00.560, 56.00.562

#### 1.2. Other means of identification

No additional information available

#### 1.3. Recommended use of the chemical and restrictions on use

Recommended use : Preservative agent

#### 1.4. Supplier's details

##### Supplier

RATIONAL Cooking Systems Pte Ltd  
25 International Business Park  
#02-15/17 German Centre  
Singapore 609916  
Tel. +65 68095850

E-mail address of competent person responsible for the SDS: info@rational-online.sg

##### Manufacturer

BUDICH INTERNATIONAL GmbH  
10 Dieselstrasse  
32120 Hiddenhausen - Germany  
T ++49 (0) 5223 - 9970-950 - F ++49 (0) 5223 - 9970-50  
[info@budich.de](mailto:info@budich.de)

#### 1.5. Emergency phone number

Emergency number : Emergency CONTACT (24-Hour-Number): GBK GmbH +49 (0)6132-84463

### SECTION 2: Hazards identification

#### 2.1. Classification of the hazardous chemical

##### Classification according to Industry Code of Practice on chemicals classification and hazard communication (2014)

Skin Irrit. 2 H315  
Eye Irrit. 2 H319

#### 2.2. Label elements

##### Labelling according to Industry Code of Practice on chemicals classification and hazard communication (2014)

Hazard pictograms (GHS MY) :



GHS07

Signal word (GHS MY) :

Warning

Hazard statements (GHS MY) :

H315 - Causes skin irritation.  
H319 - Causes serious eye irritation.

Precautionary statements (GHS MY) :

P280 - Wear protective gloves, protective clothing, eye protection.  
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P332+P313 - If skin irritation occurs: Get medical advice/attention.  
P501 - Dispose of contents/container to Collection point.

#### 2.3. Other hazards not contributing to the classification

No additional information available

### SECTION 3: Composition and information of the ingredients of the hazardous chemical

#### 3.1. Substances

Not applicable

#### 3.2. Mixtures

Name	Product identifier	%	Classification according to Industry Code of Practice on chemicals classification and hazard communication (2014)
Citric acid	(CAS-No.) 77-92-9	40 – 45	Eye Irrit. 2, H319
DL-malic acid	(CAS-No.) 617-48-1	20 – 25	Skin Irrit. 2, H315 Eye Irrit. 2, H319

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Name	Product identifier	%	Classification according to Industry Code of Practice on chemicals classification and hazard communication (2014)
adipic acid	(CAS-No.) 124-04-9	1 – 5	Acute Tox. Not classified (Oral) Acute Tox. Not classified (Inhalation:dust,mist) Eye Irrit. 2, H319

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

- First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing.
- First-aid measures after skin contact : Wash skin with plenty of water. Take off contaminated clothing. If skin irritation occurs: Get medical advice/attention.
- First-aid measures after eye contact : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
- First-aid measures after ingestion : Do not induce vomiting. Call a poison center or a doctor if you feel unwell.

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

- Symptoms/effects after skin contact : Irritation.
- Symptoms/effects after eye contact : Eye irritation.

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

- Treatment : Treat symptomatically.

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

- Suitable extinguishing media : Fire-extinguishing activities according to surrounding.

#### 5.2. Special hazards arising from the substance or mixture

No additional information available

#### 5.3. Special protective equipment and precautions for fire-fighters

- Firefighting instructions : Do not allow run-off from fire fighting to enter drains or water courses.
- Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

##### 6.1.1. For non-emergency personnel

- Emergency procedures : Ventilate spillage area. Avoid contact with skin and eyes.

##### 6.1.2. For emergency responders

- Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

#### 6.2. Environmental precautions

Avoid release to the environment.

#### 6.3. Methods and material for containment and cleaning up

- Methods for cleaning up : Mechanically recover the product.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

- Precautions for safe handling : Ensure good ventilation of the work station. Avoid contact with skin and eyes. Wear personal protective equipment.
- Hygiene measures : Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

#### 7.2. Conditions for safe storage, including any incompatibilities

- Storage conditions : Store in a well-ventilated place. Keep cool.
- Special rules on packaging : Keep only in original container.

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### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

adipic acid (124-04-9)		
Malaysia	Local name	Asid adipik # Adipic acid
Malaysia	PEL (OEL TWA) [1]	5 mg/m <sup>3</sup>

#### Exposure limit values for the other components

No additional information available

#### 8.2. Biological Monitoring

No additional information available

#### 8.3. Appropriate engineering controls

Appropriate engineering controls : Ensure good ventilation of the work station.

#### 8.4. Personal protective equipment

##### Hand protection:

Please follow the instructions related to the permeability and the penetration time provided by the manufacturer. Choosing the proper glove is a decision that depends not only on the type of material, but also on other quality features, which differ for each manufacturer

Type	Material	Permeation	Thickness (mm)	Penetration	Standard
protective gloves	Natural rubber	6 (> 480 minutes)	0,6		EN ISO 374

##### Eye protection:

tightly fitting safety goggles. Eyewash bottle with clean water (EN 15154)

##### Skin and body protection:

Wear suitable protective clothing

##### Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment

Environmental exposure controls : Avoid release to the environment.

### SECTION 9: Physical and chemical properties

Physical state	: Solid
Appearance	: tablet.
Colour	: White
Odour	: characteristic
Odour threshold	: No data available
pH	: 2.5 pH solution: 1 %
Melting point, Freezing point	: Freezing point: Not applicable
Boiling point	: No data available
Flash point	: Not applicable
Auto-ignition temperature	: Not applicable
Flammability (solid, gas)	: Non flammable.
Vapour pressure	: Not applicable
Evaporation rate	: No data available
Explosive limits	: Not applicable
Explosive properties	: No data available
Minimum ignition energy	: No data available
Solubility	: Soluble in water.
Density	: 800 g/l
Relative density	: Not applicable
Relative vapour density at 20 °C	: No data available
Viscosity, kinematic	: Not applicable
VOC content	: < 3 %

### SECTION 10: Stability and reactivity

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Chemical stability	: Stable under normal conditions
Conditions to avoid	: Moisture
Hazardous decomposition products	: Under normal conditions of storage and use, hazardous decomposition products should not be produced
Incompatible materials	: No additional information available
Possibility of hazardous reactions	: No dangerous reactions known under normal conditions of use
Reactivity	: The product is non-reactive under normal conditions of use, storage and transport

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

Acute toxicity (oral)	: Not classified
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Not classified
Skin corrosion/irritation	: Causes skin irritation. pH: 2.5
Serious eye damage/irritation	: Causes serious eye irritation.
Respiratory or skin sensitisation	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
STOT-single exposure	: Not classified
STOT-repeated exposure	: Not classified
Aspiration hazard	: Not classified

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Viscosity, kinematic	Not applicable
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### SECTION 12: Ecological information

#### 12.1. Toxicity

Ecology - general	: The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.
Hazardous to the aquatic environment, short-term (acute)	: Not classified
Hazardous to the aquatic environment, long-term (chronic)	: Not classified

#### 12.2. Persistence and degradability

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Persistence and degradability	No additional information available
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##### DL-malic acid (617-48-1)

Not rapidly degradable

#### 12.3. Bioaccumulative potential

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Bioaccumulative potential	No additional information available
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#### 12.4. Mobility in soil

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Mobility in soil	No additional information available
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#### 12.5. Other adverse effects

Ozone	: Not classified
Other adverse effects	: No additional information available

### SECTION 13: Disposal information

#### 13.1. Disposal methods

Waste treatment methods	: Dispose of contents/container in accordance with licensed collector's sorting instructions.
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Product/Packaging disposal recommendations : Empty containers should be taken for recycling, recovery or waste in accordance with local regulation. Recycling is preferred to disposal or incineration. Empty remaining contents. Do not re-use empty containers without proper cleaning or reconditioning. Dirty containers cannot be handled as normal waste.

### SECTION 14: Transportation information

IMDG	IATA	UNRTDG
<b>14.1. UN number</b>		
Not regulated for transport		
Not applicable	Not applicable	
<b>14.2. Proper Shipping Name</b>		
Not applicable	Not applicable	Not applicable
<b>14.3. Transport hazard class(es)</b>		
Not applicable	Not applicable	
Not applicable	Not applicable	Not applicable
<b>14.4. Packing group</b>		
Not applicable	Not applicable	
<b>14.5. Environmental hazards</b>		
Dangerous for the environment: No Marine pollutant: No	Dangerous for the environment: No	Dangerous for the environment: No
No supplementary information available		

### 14.6. Special precautions for user

#### - UN RTDG

No data available

#### - IMDG

No data available

#### - IATA

No data available

### 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

### 14.8. Hazchem or Emergency Action Code

Not applicable

### SECTION 15: Regulatory information

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

No additional information available

#### 15.2. Chemical safety assessment

No additional information available

### SECTION 16: Other information

Version : 1.1.02  
Revision date : 01/04/2022  
Supersedes : 19/05/2016

Indication of changes:

Section	Changed item	Change	Comments
1.3	Manufacturer/Distributor information	Added	
2.2	Precautionary statements	Modified	
3.2	Name	Modified	

Abbreviations and acronyms :

IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods

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LC50	Median lethal concentration
LD50	Median lethal dose
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
DOT	Department of Transport
TDG	Transportation of Dangerous Goods
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006
IARC	International Agency for Research on Cancer
vPvB	Very Persistent and Very Bioaccumulative
PBT	Persistent Bioaccumulative Toxic
PNEC	Predicted No-Effect Concentration
CAS	CAS (Chemical Abstracts Service) number
ATE	Acute Toxicity Estimate
CLP	Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008
BCF	Bioconcentration factor
ADG	Transport of Australian Dangerous Goods

### Full text of H-statements:

Acute Tox. Not classified (Inhalation:dust,mist)	Acute toxicity (inhalation:dust,mist) Not classified
Acute Tox. Not classified (Oral)	Acute toxicity (oral) Not classified
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Skin Irrit. 2	Skin corrosion/irritation, Category 2
H315	Causes skin irritation.
H319	Causes serious eye irritation.

*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.*