

Rinse aid-Tab for RATIONAL SelfCooking Center®, Art-Nr. 56.00.208, 56.00.211



Safety Data Sheet

according to the Model Work Health and Safety Regulations

Issue date:18/08/2021 Revision date:18/08/2021 Supersedes:13/12/2017 Version: 2.0

SDS No: 00625-0004

SECTION 1: Product identifier

1.1. GHS Product identifier

Product form : Mixture
Product name : Rinse aid-Tab for RATIONAL SelfCooking Center®, Art-Nr. 56.00.208, 56.00.211

1.2. Other means of identification

No additional information available

1.3. Recommended use of the chemical and restrictions on use

Recommended use : Rinse aid
For professional users only

1.4. Details of manufacturer or importer

Supplier

Rational AG
Siegfried-Meister-Straße 1
Landsberg D-86899
Germany
T +49 8191 327-236 - F +49 8191 327-72 236

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

Importer

COMCATER Pty. Ltd.
156 Swann Drive
Derrimut Victoria 3026, Australia
T +61 (0) 3 8369 4600 - F +61 (0) 3 8369 4666
www.comcater.com.au

1.5. Emergency phone number

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

Country	Organisation/Company	Address	Emergency number	Comment
Australia	NSW Poisons Information Centre The Children's Hospital at Westmead	Locked Bag 4001 NSW 2145 Westmead	13 11 26	

SECTION 2: Hazard identification

2.1. Classification of the hazardous chemical

Classification according to the model Work Health and Safety Regulations (WHS Regulations)

Serious eye damage/eye irritation, Category 2A

H319

2.2. GHS Label elements, including precautionary statements

Hazard pictograms (GHS AU) :



Exclamation mark

Signal word (GHS AU) :

Warning

Hazard statements (GHS AU) :

H319 - Causes serious eye irritation

Precautionary statements (GHS AU) :

P101 - If medical advice is needed, have product container or label at hand.

P102 - Keep out of reach of children.

P264 - Wash hands thoroughly after handling.

P280 - Wear eye protection.

P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove

Rinse aid-Tab for RATIONAL SelfCooking Center®, Art-Nr. 56.00.208, 56.00.211

Safety Data Sheet



according to the Model Work Health and Safety Regulations
SDS No: 00625-0004

contact lenses, if present and easy to do. Continue rinsing.
P337+P313 - If eye irritation persists: Get medical advice/attention.

2.3. Other hazards which do not result in classification

No additional information available

SECTION 3: Composition and information on ingredients

Name	CAS-No.	%	Classification according to the model Work Health and Safety Regulations (WHS Regulations)
Citric acid	77-92-9	30 - 60	Eye Irrit. 2A, H319
Fatty alcohol alkoxyates	-	1 - 5	Skin Irrit. 2, H315
Silicon dioxide, amorphous	7631-86-9	≥ 1 – < 3	Not classified

SECTION 4: First aid measures

4.1. Description of necessary first-aid measures

First-aid measures general : Take off immediately all contaminated clothing.
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.
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. Symptoms caused by exposure

Symptoms/effects after eye contact : Eye irritation.

4.3. Medical attention and special treatment

Treatment : Treat symptomatically.

SECTION 5: Fire-fighting measures

5.1. Extinguishing media

Suitable extinguishing media : Water spray. Dry powder. Foam.
Unsuitable extinguishing media : Strong water jet.

5.2. Specific hazards arising from the chemical

Hazardous decomposition products in case of fire : Toxic fumes may be released.

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.

Rinse aid-Tab for RATIONAL SelfCooking Center®, Art-Nr. 56.00.208, 56.00.211

Safety Data Sheet



according to the Model Work Health and Safety Regulations
SDS No: 00625-0004

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 materials 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 : 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.

SECTION 8: Exposure controls and personal protection

8.1. Control parameters - exposure standards

Silicon dioxide, amorphous (7631-86-9)

Australia - Occupational Exposure Limits

Local name	Fumed silica [Silica – Amorphous]
OES TWA [1]	2 mg/m ³ respirable dust
Regulatory reference	Workplace exposure standards for airborne contaminants (2019)

8.2. Biological Monitoring

No additional information available

8.3. Engineering controls

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

8.4. Individual protection measures, such as personal protective equipment (PPE)

Hand protection : protective gloves. Please follow the instructions related to the permeability and the penetration time provided by the manufacturer

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

Rinse aid-Tab for RATIONAL SelfCooking Center®, Art-Nr. 56.00.208, 56.00.211

Safety Data Sheet

according to the Model Work Health and Safety Regulations
SDS No: 00625-0004



- Eye protection : tightly fitting safety goggles. Eyewash bottle with clean water (EN 15154). EN 15154. Safety glasses
- Skin and body protection : Wear suitable protective clothing
- Respiratory protection : In case of insufficient ventilation, wear suitable respiratory equipment

Personal protective equipment symbol(s)



- Environmental exposure controls : Avoid release to the environment.

SECTION 9: Physical and chemical properties

- Physical state : Solid
- Appearance : No data available
- Colour : White
- Odour : characteristic
- Odour threshold : No data available
- pH : 3
- Relative evaporation rate (butylacetate=1) : 1 %
- Relative evaporation rate (butylacetate=1) : No data available
- 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) : No data available
- Vapour pressure : No data available
- Relative density : No data available
- Density : Density: 950 g/l
Relative density: Not applicable
- Solubility : Soluble in water.
- Log Pow : No data available
- Viscosity, kinematic : Not applicable
- Explosive properties : No data available
- Oxidising properties : Non oxidizing
- Explosive limits : Not applicable
- Minimum ignition energy : No data available
- VOC content : < 3 g/l
- Fat solubility : No data available

SECTION 10: Stability and reactivity

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

SECTION 11: Toxicological information

- Acute toxicity (oral) : Not classified
- Acute toxicity (dermal) : Not classified
- Acute toxicity (inhalation) : Not classified

Rinse aid-Tab for RATIONAL SelfCooking Center®, Art-Nr. 56.00.208, 56.00.211



Safety Data Sheet

according to the Model Work Health and Safety Regulations

SDS No: 00625-0004

Silicon dioxide, amorphous (7631-86-9)	
LD50 oral rat	> 10000 mg/kg
LD50 dermal rabbit	> 5000 mg/kg
LC50 Inhalation - Rat	> 2.2 mg/l
Skin corrosion/irritation	: Not classified pH: 3
Serious eye damage/irritation	: Causes serious eye irritation. pH: 3
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

SECTION 12: Ecological information

12.1. Ecotoxicity

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

Citric acid (77-92-9)	
Not rapidly degradable	

Silicon dioxide, amorphous (7631-86-9)	
Not rapidly degradable	

12.3. Bioaccumulative potential

No additional information available

12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

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

Rinse aid-Tab for RATIONAL SelfCooking Center®, Art-Nr. 56.00.208, 56.00.211	
Fluorinated greenhouse gases	False

Citric acid (77-92-9)	
Fluorinated greenhouse gases	False

Silicon dioxide, amorphous (7631-86-9)	
Fluorinated greenhouse gases	False

Rinse aid-Tab for RATIONAL SelfCooking Center®, Art-Nr. 56.00.208, 56.00.211



Safety Data Sheet

according to the Model Work Health and Safety Regulations
SDS No: 00625-0004

Fatty alcohol alkoxyates

Fluorinated greenhouse gases : False

SECTION 13: Disposal considerations

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.
Product/Packaging disposal recommendations : Empty containers should be taken for recycling, recovery or waste in accordance with local regulation. 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.

SECTION 14: Transport information

ADG	IMDG	IATA
14.1. UN number		
Not applicable	Not regulated	Not regulated
14.2. UN Proper Shipping Name		
Not applicable	Not regulated	Not regulated
14.3. Transport hazard class(es)		
Not applicable	Not regulated	Not regulated
14.4. Packing group		
Not applicable	Not regulated	Not regulated
14.5. Environmental hazards		
Not applicable	Not regulated	Not regulated

14.6. Special precautions for user

Specific storage requirement : No data available
Shock sensitivity : No data available

14.7. Additional information

Other information : No supplementary information available

Transport by road and rail

Not applicable

Transport by sea

Not regulated

Air transport

Not regulated

14.8. Hazchem or Emergency Action Code

Hazchem Code : Not applicable

Rinse aid-Tab for RATIONAL SelfCooking Center®, Art-Nr. 56.00.208, 56.00.211

Safety Data Sheet

according to the Model Work Health and Safety Regulations

SDS No: 00625-0004



SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations specific for the product in question

Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP)

Relevant Poisons Schedule number : none allocated

15.2. International agreements

No additional information available

Rinse aid-Tab for RATIONAL SelfCooking Center®, Art-Nr. 56.00.208, 56.00.211

Safety Data Sheet

according to the Model Work Health and Safety Regulations

SDS No: 00625-0004



SECTION 16: Other information

Abbreviations and acronyms

- : LC50 - Median lethal concentration
 - LD50 - Median lethal dose
 - ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
 - ADR - European Agreement concerning the International Carriage of Dangerous Goods by Road
 - ATE - Acute Toxicity Estimate
 - BCF - Bioconcentration factor
 - BLV - Biological limit value
 - BOD - Biochemical oxygen demand (BOD)
 - COD - Chemical oxygen demand (COD)
 - DMEL - Derived Minimal Effect level
 - DNEL - Derived-No Effect Level
 - EC-No. - European Community number
 - EC50 - Median effective concentration
 - EN - European Standard
 - IARC - International Agency for Research on Cancer
 - IATA - International Air Transport Association
 - IMDG - International Maritime Dangerous Goods
 - LOAEL - Lowest Observed Adverse Effect Level
 - NOAEC - No-Observed Adverse Effect Concentration
 - NOAEL - No-Observed Adverse Effect Level
 - NOEC - No-Observed Effect Concentration
 - OECD - Organisation for Economic Co-operation and Development
 - OEL - Occupational Exposure Limit
 - PBT - Persistent Bioaccumulative Toxic
 - PNEC - Predicted No-Effect Concentration
 - RID - Regulations concerning the International Carriage of Dangerous Goods by Rail
 - SDS - Safety Data Sheet
 - STP - Sewage treatment plant
 - ThOD - Theoretical oxygen demand (ThOD)
 - TLM - Median Tolerance Limit
 - VOC - Volatile Organic Compounds
 - CAS-No. - Chemical Abstract Service number
 - N.O.S. - Not Otherwise Specified
 - vPvB - Very Persistent and Very Bioaccumulative
 - ED - Endocrine disrupting properties
 - DOT - Department of Transport
 - TDG - Transportation of Dangerous Goods
 - REACH - Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006
 - GHS - Globally Harmonized System of Classification, Labelling and Packaging of Chemicals
 - CAS - CAS (Chemical Abstracts Service) number
 - IBC-Code - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk
 - CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008
 - MARPOL 73/78 - MARPOL 73/78: International Convention for the Prevention of Pollution From Ships
 - ADG - Transport of Australian Dangerous Goods
- Revision date : 18/08/2021
- Other information : Data of sections 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.

Rinse aid-Tab for RATIONAL SelfCooking Center®, Art-Nr. 56.00.208, 56.00.211

Safety Data Sheet



according to the Model Work Health and Safety Regulations

SDS No: 00625-0004

Classification	
Eye Irrit. 2A	H319

Full text of H-statements	
Eye Irrit. 2A	Serious eye damage/eye irritation, Category 2A
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 therefore not be construed as guaranteeing any specific property of the product.