

Safety Data Sheet

According to the Model WHS Regulations and the ADG code

Detergent-Tab for RATIONAL SelfCookingCenter®

Print date: 24.11.2016

Product code: 00625-0031_AUS

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

1.1. Product identifier

Detergent-Tab for RATIONAL SelfCookingCenter®, Art.-No. 56.00.206, 56.00.210, 56.00.220

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

Use of the substance/mixture

Cleaning 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 DANGEROUS GOODS ACCORDING TO THE ADG CODE
POISON SCHEDULE: S6

Classification

Hazard categories:
Skin corrosion/irritation: Skin Corr. 1A
Serious eye damage/eye irritation: Eye Dam. 1
Hazard Statements:
Causes severe skin burns and eye damage.
Causes serious eye damage.

2.2. Label elements

Signal word: Danger

Pictograms:



corrosive

Hazard statements

H314 Causes severe skin burns and eye damage.

Precautionary statements

P102 Keep out of reach of children.

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P101	If medical advice is needed, have product container or label at hand.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P301+P330+P331	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P303+P361+P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310	Immediately call a POISON CENTER/doctor.
P501	Dispose of contents/container to approved disposal company or local collection.

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 containing following substances with additives

Hazardous components

CAS No	Chemical name	Quantity
EC No	Classification according to WHS criteria	
1310-73-2	caustic soda, sodium hydroxide	30 - 60 %
215-185-5	Skin Corr. 1A; H314	
6834-92-0	disodium metasilicate	10 - <20 %
229-912-9	Skin Corr. 1B, STOT SE 3; H314 H335	
497-19-8	sodium carbonate	10 - 20 %
207-838-8	Eye Irrit. 2A; H319	
111190-40-0	Fatty alcohol alkoxyolate	< 5 %
-	Eye Dam. 1, Aquatic Acute 1 (M-Factor = 10), Aquatic Chronic 2; H318 H400 H411	
	non hazardous ingredients	< 10 %

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

Wash off immediately with plenty of water for at least 15 minutes.

Remove contaminated soaked clothing immediately.

Consult a physician.

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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 and give plenty of water to drink.
Do not induce vomiting.
Summon a doctor immediately.

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

Causes severe skin burns and eye damage.

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

Water forms corrosive alkaline solutions.
Fire may produce: toxic gases/vapours, fumes.

5.3. Advice for firefighters

Wear self-contained breathing apparatus and protective suit.
HAZCHEM: 2X

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.

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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.

Further information on storage conditions

Keep away from food, drink and animal feeding stuffs.

7.3. Specific end use(s)

Cleaning agent

For professional users only

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational Exposure Limits (OEL) - Australia

CAS No	Substance	ppm	mg/m ³	Category	Origin	Notices
1310-73-2	Sodium hydroxide	-	2	TWA (8h)	AES	H
			Peak limitation			
		-	-	STEL (15 min)	AES	H

AES: Australian Exposure Standard

H: American Conference of Governmental Industrial Hygienists (ACGIH) is the documentation source.

Exposure limits (EH40)

CAS No	Substance	ppm	mg/m ³	fibres/ml	Category	Origin
1310-73-2	Sodium hydroxide	-	-		TWA (8 h)	WEL
		-	2		STEL (15 min)	WEL

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 dust formation. Take off immediately all contaminated clothing.

Avoid contact with skin, eyes and clothing.

Wash hands before breaks and immediately after handling the product.

At work do not eat, drink, smoke or take drugs.

Eye/face protection

Tightly fitting goggles.

Eye wash bottle with pure water.

Hand protection

Gloves (alkali-resistant).

Permeation time of the glove material: < 1h.

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.

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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:	12.7
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Test method
(1%)

Changes in the physical state

Melting point:	Not determined.
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 determined.
Upper explosion limits:	Not determined.
Vapour pressure:	Not applicable.
Vapour density:	No information available.
Density:	1.1 g/cm ³
Water solubility:	Soluble
Solubility in other solvents	No information available.
Partition coefficient:	Not determined.
Ignition temperature:	Not determined.
Auto-ignition temperature	No information available.
Explosive properties	No information available.
Decomposition temperature:	No information available.
Viscosity / dynamic:	Not applicable.
Viscosity / kinematic:	Not applicable.
Oxidizing properties	Non oxidizing.

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.

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10.5. Incompatible materials

Acids.
Metals.

10.6. Hazardous decomposition products

Contact with acids liberates toxic gas.
Fire may produce: toxic gases/vapours, fumes.

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
1310-73-2	caustic soda, sodium hydroxide	oral	LD50	2000 mg/kg	Rat	
6834-92-0	disodium metasilicate	oral	LD50	1280 mg/kg	Rat	
497-19-8	sodium carbonate	oral	LD50	> 4900 mg/kg	Rat	
111190-40-0	Fatty alcohol alkoxyate	oral	LD50	3180 mg/kg	Rat	

Irritation and corrosivity

Causes severe skin burns and eye damage.

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.

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CAS No	Chemical name	Method	Dose	[h] [d]	Species	Source
1310-73-2	caustic soda, sodium hydroxide					
	Acute fish toxicity	LC50	125 mg/l	96 h	Gambusia affinis	
	Acute crustacea toxicity	EC50	76 mg/l	48 h	Daphnia magna	
6834-92-0	disodium metasilicate					
	Acute fish toxicity	LC50	210 mg/l	96 h	Danio rerio	
	Acute crustacea toxicity	EC50	1700 mg/l	48 h	Daphnia magna	
497-19-8	sodium carbonate					
	Acute fish toxicity	LC50	300 mg/l	96 h	Lepomis macrochirus	
	Acute crustacea toxicity	EC50	265 mg/l	48 h	Daphnia magna	
111190-40-0	Fatty alcohol alkoxylate					
	Acute fish toxicity	LC50	0.1 - 1 mg/l	96 h	Leuciscus idus	
	Acute crustacea toxicity	EC50	0.1 - 1 mg/l	48 h	Invertebrates	

12.2. Persistence and degradability

Product is biodegradable.

12.3. Bioaccumulative potential

No data available.

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)

14.1. UN number:

UN 3262

14.2. UN proper shipping name:

CORROSIVE SOLID, BASIC, INORGANIC, N.O.S. (caustic soda, sodium hydroxide, Disodium metasilicate)

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14.3. Transport hazard class(es): 8
14.4. Packing group: II
Hazard label: 8
Special Provisions:
Limited quantity: 1 kg
Hazard No: 80

Other applicable information (land transport)

HAZCHEM: 2X

Marine transport (IMDG)

14.1. UN number: UN 3262
14.2. UN proper shipping name: CORROSIVE SOLID, BASIC, INORGANIC, N.O.S. (sodium hydroxide, disodium metasilicate)
14.3. Transport hazard class(es): 8
14.4. Packing group: II
Hazard label: 8
Limited quantity: 1 kg
EmS: F-A, S-B

Air transport (ICAO-TI/IATA-DGR)

14.1. UN number: UN 3262
14.2. UN proper shipping name: CORROSIVE SOLID, BASIC, INORGANIC, N.O.S. (sodium hydroxide, disodium metasilicate)
14.3. Transport hazard class(es): 8
14.4. Packing group: II
Hazard label: 8
Limited quantity Passenger: 5 kg
IATA-packing instructions - Passenger: 859
IATA-max. quantity - Passenger: 15 kg
IATA-packing instructions - Cargo: 863
IATA-max. quantity - Cargo: 50 kg

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: no

14.6. Special precautions for user

Take the usual precautions when handling with chemicals.

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

The transport takes place only in approved and appropriate packaging.

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: S6

Labelling requirements for SUSMP do not apply to a poison that is packed and sold solely for industrial,

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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

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)

H314 Causes severe skin burns and eye damage.

H318 Causes serious eye damage.

H319 Causes serious eye irritation.

H335 May cause respiratory irritation.

H400 Very toxic to aquatic life.

H411 Toxic to aquatic life with long lasting effects.

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.)