

Safety Data Sheet

according to Regulation (EC) No 1907/2006

B 200 S

Revision date: 18.10.2022

Product code: 89300203

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SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1. Product identifier**

B 200 S

UFI: 4RSX-UA3N-M98H-DM0K

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

All-purpose rinse aid

1.3. Details of the supplier of the safety data sheet**Manufacturer**

Company name: Winterhalter Gastronom GmbH
Street: Winterhalterstrasse 2 - 12
Place: D-88074 Meckenbeuren
Telephone: +49 7542 4020
e-mail: info@winterhalter.com
Contact person: Business Unit Chemicals
e-mail: sds@winterhalter.com
Internet: www.winterhalter.com

Supplier

Company name: Winterhalter Australia Pty Ltd
Street: Unit 1/1, Glendenning Road
Place: AUS-2761 Glendenning NSW
Telephone: +61 2 9037 2994
e-mail: sales@winterhalter.com.au
Contact person: Business Unit Chemicals
e-mail: sds@winterhalter.com
Internet: www.winterhalter.com.au

1.4. Emergency telephone**number:** Domestic emergency number (Chemtrec): +61 2 9037 2994

international emergency number (Chemtrec): +65 3163 8374

SECTION 2: Hazards identification**2.1. Classification of the substance or mixture****Regulation (EC) No 1272/2008**

Met. Corr. 1; H290

Skin Corr. 1; H314

Eye Dam. 1; H318

Full text of hazard statements: see SECTION 16.

2.2. Label elements**Regulation (EC) No 1272/2008****Hazard components for labelling**

Citric acid, monohydrate

sodium p-cumenesulphonate

Alcohols, C12-14 (even numbered), ethoxylated propoxylated (>2.5 moles EO/PO)

Signal word: Danger**Pictograms:**

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Hazard statements

- H290 May be corrosive to metals.
 H314 Causes severe skin burns and eye damage.

Precautionary statements

- P280 Wear protective gloves/protective clothing/eye protection/face protection/hearing 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.
 P337+P313 If eye irritation persists: Get medical advice/attention.
 P501 Dispose of waste according to applicable legislation.

2.3. Other hazards

No information available.

SECTION 3: Composition/information on ingredients**3.2. Mixtures****Hazardous components**

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
Classification (Regulation (EC) No 1272/2008)				
5949-29-1	Citric acid, monohydrate			10 - < 25 %
201-069-1				
Eye Irrit. 2; H319				
68439-51-0	Alcohols, C12-14 (even numbered), ethoxylated propoxylated (>= 2.5 moles EO/PO)			5 - < 10 %
931-986-9				
Aquatic Chronic 3; H412				
68439-51-0	Alcohols, C12-14 (even numbered), ethoxylated propoxylated (>2.5 moles EO/PO)			5 - < 10 %
931-986-9				
Eye Irrit. 2, Aquatic Acute 1, Aquatic Chronic 3; H319 H400 H412				
15763-76-5	sodium p-cumenesulphonate			5 - < 10 %
239-854-6				
Eye Irrit. 2; H319				

Full text of H and EUH statements: see section 16.

Specific Conc. Limits, M-factors and ATE

CAS No	EC No	Chemical name	Quantity
Specific Conc. Limits, M-factors and ATE			
5949-29-1	201-069-1	Citric acid, monohydrate	10 - < 25 %
dermal: LD50 = >2000 mg/kg; oral: LD50 = 5400 mg/kg			
68439-51-0	931-986-9	Alcohols, C12-14 (even numbered), ethoxylated propoxylated (>= 2.5 moles EO/PO)	5 - < 10 %
oral: LD50 = >2000-5000 mg/kg			
68439-51-0	931-986-9	Alcohols, C12-14 (even numbered), ethoxylated propoxylated (>2.5 moles EO/PO)	5 - < 10 %
oral: LD50 = >2000 mg/kg			
15763-76-5	239-854-6	sodium p-cumenesulphonate	5 - < 10 %
dermal: LD50 = >2000 mg/kg; oral: LD50 = >5000 mg/kg			

Labelling for contents according to Regulation (EC) No 648/2004

15 % - < 30 % non-ionic surfactants, 5 % - < 15 % amphoteric surfactants.

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SECTION 4: First aid measures**4.1. Description of first aid measures****General information**

First aider: Pay attention to self-protection! Remove affected person from the danger area and lay down.

After inhalation

Provide fresh air. Medical treatment necessary.

After contact with skin

After contact with skin, wash immediately with plenty of water and soap. Take off immediately all contaminated clothing and wash it before reuse. If skin irritation occurs: Get medical advice/attention.

After contact with eyes

In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist.

After ingestion

Rinse mouth immediately and drink 1 glass of water. Do NOT induce vomiting. Adverse human health effects and symptoms: Gastric perforation. Call a physician immediately. Do not allow a neutralisation agent to be drunk.

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

No information available.

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

Treat symptomatically.

SECTION 5: Firefighting measures**5.1. Extinguishing media****Suitable extinguishing media**

Co-ordinate fire-fighting measures to the fire surroundings.

5.2. Special hazards arising from the substance or mixture

Non-flammable.

5.3. Advice for firefighters

Wear a self-contained breathing apparatus and chemical protective clothing. Full protection suit.

Additional information

Suppress gases/vapours/mists with water spray jet. Collect contaminated fire extinguishing water separately.
Do not allow entering drains or surface water.

SECTION 6: Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures****General advice**

Provide adequate ventilation. Do not breathe gas/fumes/vapour/spray. Avoid contact with skin, eyes and clothes. Use personal protection equipment.

6.2. Environmental precautions

Do not allow to enter into surface water or drains.

6.3. Methods and material for containment and cleaning up**For cleaning up**

Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents). Treat the recovered material as prescribed in the section on waste disposal.

6.4. Reference to other sections

Safe handling: see section 7

Personal protection equipment: see section 8

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Disposal: see section 13

SECTION 7: Handling and storage**7.1. Precautions for safe handling****Advice on safe handling**

If handled uncovered, arrangements with local exhaust ventilation have to be used. Do not breathe gas/fumes/vapour/spray.

Advice on protection against fire and explosion

No special fire protection measures are necessary.

Advice on general occupational hygiene

Remove contaminated, saturated clothing immediately. Draw up and observe skin protection programme. Wash hands and face before breaks and after work and take a shower if necessary. When using do not eat, drink, smoke, sniff.

7.2. Conditions for safe storage, including any incompatibilities**Requirements for storage rooms and vessels**

Keep container tightly closed. Keep locked up. Store in a place accessible by authorized persons only. Provide adequate ventilation as well as local exhaustion at critical locations. Unsuitable container/equipment material:
Metal.

Hints on joint storage

No special measures are necessary.

7.3. Specific end use(s)

All-purpose rinse aid

SECTION 8: Exposure controls/personal protection**8.1. Control parameters****DNEL/DMEL values**

CAS No	Name of agent	Exposure route	Effect	Value
	DNEL type			
15763-76-5	sodium p-cumenesulphonate			
Worker DNEL, long-term	dermal	systemic	136,25 mg/kg bw/day	
Worker DNEL, long-term	inhalation	systemic	26,9 mg/m³	
Worker DNEL, long-term	dermal	local	0,096 mg/cm²	
Consumer DNEL, long-term	dermal	systemic	68,1 mg/kg bw/day	
Consumer DNEL, long-term	inhalation	systemic	6,6 mg/m³	
Consumer DNEL, long-term	oral	systemic	3,8 mg/kg bw/day	
Consumer DNEL, long-term	dermal	local	0,048 mg/cm²	

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PNEC values

CAS No	Name of agent	
Environmental compartment		Value
5949-29-1	Citric acid, monohydrate	
Freshwater		0,44 mg/l
Marine water		0,044 mg/l
Freshwater sediment		3,46 mg/kg
Marine sediment		34,6 mg/kg
Micro-organisms in sewage treatment plants (STP)		>1000 mg/l
Soil		33,1 mg/kg
15763-76-5	sodium p-cumenesulphonate	
Freshwater		0,23 mg/l
Marine water		0,023 mg/l
Freshwater sediment		0,862 mg/kg
Marine sediment		0,0862 mg/kg
Micro-organisms in sewage treatment plants (STP)		100 mg/l
Soil		0,037 mg/kg

Additional advice on limit values

To date, no national critical limit values exist.

8.2. Exposure controls**Appropriate engineering controls**

Open windows to ensure natural ventilation.

Individual protection measures, such as personal protective equipment**Eye/face protection**

Suitable eye protection: Eye glasses (EN 166)

Hand protection

Use of protective gloves (EN 374)

Skin protection

Wear suitable protective clothing.

Respiratory protection

Not required if handled as intended.

In case of intensive or prolonged exposure wear self-contained breathing apparatus (EN 133).

SECTION 9: Physical and chemical properties**9.1. Information on basic physical and chemical properties**

Physical state:

Liquid

Colour:

colourless-clear

Odour:

product-specific

Melting point/freezing point:

0 °C

Boiling point or initial boiling point and

100 °C

boiling range:

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Flammability:	not applicable
Lower explosion limits:	not applicable
Upper explosion limits:	not applicable
Flash point:	not applicable
Auto-ignition temperature:	not determined
Decomposition temperature:	not determined
pH-Value (at 20 °C):	2
Water solubility:	easily soluble
Solubility in other solvents	
not determined	
Partition coefficient n-octanol/water:	not determined
Vapour pressure:	not determined
Density (at 20 °C):	1,06 g/cm³
Relative vapour density:	not determined

9.2. Other information**Information with regard to physical hazard classes****Explosive properties**

The product is not: Explosive.

Oxidizing properties

The product is not: oxidising.

Other safety characteristics**Evaporation rate:**

not determined

Solid content:

not determined

**Viscosity / dynamic:
(at 20 °C)**

< 10 mPa·s

SECTION 10: Stability and reactivity**10.1. Reactivity**

Reactions with metals with hydrogen evolution.
Reacts with water and alkalis, generating heat.

10.2. Chemical stability

The product is stable under storage at normal ambient temperatures.

10.3. Possibility of hazardous reactions

Exothermic reaction with: alkali
Hydrogen, in reactions with metals.

10.4. Conditions to avoid

none

10.5. Incompatible materials

Metal.
Keep away from: alkali

10.6. Hazardous decomposition products

No decomposition when stored and used as directed.

SECTION 11: Toxicological information**11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008****Acute toxicity**

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

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CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
5949-29-1	Citric acid, monohydrate				
	oral	LD50 mg/kg	5400 Mouse	Manufacturer	OECD 401
	dermal	LD50 mg/kg	>2000 Rat	Manufacturer	OECD 402
68439-51-0	Alcohols, C12-14 (even numbered), ethoxylated propoxylated (>= 2.5 moles EO/PO)				
	oral	LD50 mg/kg	>2000- 5000 mg/kg	Rat	Manufacturer
68439-51-0	Alcohols, C12-14 (even numbered), ethoxylated propoxylated (>2.5 moles EO/PO)				
	oral	LD50 mg/kg	>2000	Rat	Manufacturer
15763-76-5	sodium p-cumenesulphonate				
	oral	LD50 mg/kg	>5000 Rat	Manufacturer	OECD 401
	dermal	LD50 mg/kg	>2000 Rabbit	literature value	

Irritation and corrosivity

Causes severe skin burns and eye damage. (On basis of test data)

Causes serious eye damage. (On basis of test data)

Sensitising effects

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.

STOT-single exposure

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

STOT-repeated exposure

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

Aspiration hazard

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

11.2. Information on other hazards**Endocrine disrupting properties**

No information available.

Further information

The mixture is classified as hazardous according to regulation (EC) No 1272/2008 [CLP].

SECTION 12: Ecological information**12.1. Toxicity**

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

The product is not: Ecotoxic.

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CAS No	Chemical name					
	Aquatic toxicity	Dose	[h] [d]	Species	Source	Method
68439-51-0	Alcohols, C12-14 (even numbered), ethoxylated propoxylated (>= 2.5 moles EO/PO)					
	Acute fish toxicity	LC50 mg/l	>1-10	96 h Poecilia reticulata (Guppy)	Manufacturer	OECD 203
	Acute algae toxicity	ErC50 mg/l	>1-10	72 h Desmodesmus subspicatus	Manufacturer	OECD 201
	Acute crustacea toxicity	EC50 mg/l	>1-10	48 h Daphnia magna (Big water flea)	Manufacturer	OECD 202
68439-51-0	Alcohols, C12-14 (even numbered), ethoxylated propoxylated (>2.5 moles EO/PO)					
	Acute fish toxicity	LC50 mg/l	>0,1-1	96 h Cyprinus carpio (Common Carp)	Manufacturer	OECD 203
	Acute algae toxicity	ErC50 mg/l	>0,1-1	72 h Desmodesmus subspicatus	Manufacturer	OECD 201
	Acute crustacea toxicity	EC50 mg/l	>0,1-1	48 h Daphnia magna (Big water flea)	Manufacturer	OECD 202
	Acute bacteria toxicity	(EC50 mg/l)	990	3 h	Manufacturer	OECD 209 OECD 209
15763-76-5	sodium p-cumenesulphonate					
	Acute fish toxicity	LC50 mg/l	>100	96 h Oncorhynchus mykiss (Rainbow trout)	literature value	
	Acute algae toxicity	ErC50 mg/l	>100	96 h Pseudokirchneriella subcapitata	literature value	
	Acute crustacea toxicity	EC50 mg/l	>100	48 h Daphnia magna (Big water flea)	literature value	
	Acute bacteria toxicity	(EC50 mg/l)	>1000	3 h	Manufacturer	OECD 209

12.2. Persistence and degradability

The product has not been tested.

CAS No	Chemical name			
	Method	Value	d	Source
Evaluation				
5949-29-1	Citric acid, monohydrate			
OECD 301B				
Readily biodegradable (according to OECD criteria).				
68439-51-0	Alcohols, C12-14 (even numbered), ethoxylated propoxylated (>= 2.5 moles EO/PO)			
	OECD 301B	>60%	28	Manufacturer
Readily biodegradable (according to OECD criteria).				
	OECD 311	>60%	59	Manufacturer
Biodegradable.				
68439-51-0	Alcohols, C12-14 (even numbered), ethoxylated propoxylated (>2.5 moles EO/PO)			
	OECD 301B	>60%	28	
Readily biodegradable (according to OECD criteria).				
15763-76-5	sodium p-cumenesulphonate			
	OECD 301B	>60%	28	literature value
Readily biodegradable (according to OECD criteria).				

12.3. Bioaccumulative potential

The product has not been tested.

12.4. Mobility in soil

The product has not been tested.

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12.5. Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

The product has not been tested.

12.6. Endocrine disrupting properties

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

12.7. Other adverse effects

No information available.

Further information

Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil.

SECTION 13: Disposal considerations**13.1. Waste treatment methods****Disposal recommendations**

Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil. Dispose of waste according to applicable legislation.

List of Wastes Code - residues/unused products

070699 WASTES FROM ORGANIC CHEMICAL PROCESSES; wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics; wastes not otherwise specified

List of Wastes Code - contaminated packaging

150102 WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED; packaging (including separately collected municipal packaging waste); plastic packaging

Contaminated packaging

Non-contaminated packages may be recycled. Handle contaminated packages in the same way as the substance itself.

SECTION 14: Transport information**Land transport (ADR/RID)****14.1. UN number or ID number:**

UN 3265

14.2. UN proper shipping name:

CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S. (Citric acid, monohydrate)

14.3. Transport hazard class(es):

8

14.4. Packing group:

III

Hazard label:



Classification code:

C3

Special Provisions:

274

Limited quantity:

5 L

Excepted quantity:

E1

Transport category:

3

Hazard No:

80

Tunnel restriction code:

E

Inland waterways transport (ADN)**14.1. UN number or ID number:**

UN 3265

14.2. UN proper shipping name:

CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S. (Citric acid, monohydrate)

14.3. Transport hazard class(es):

8

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14.4. Packing group:

Hazard label:



Classification code:

C3

Special Provisions:

274

Limited quantity:

5 L

Excepted quantity:

E1

Marine transport (IMDG)**14.1. UN number or ID number:**

UN 3265

14.2. UN proper shipping name:

CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S. (Citric acid, monohydrate)

14.3. Transport hazard class(es):

8

14.4. Packing group:

III

Hazard label:

8



Special Provisions:

223 274

Limited quantity:

5 L

Excepted quantity:

E1

EmS:

F-A, S-B

Segregation group:

1 - acids

Air transport (ICAO-TI/IATA-DGR)**14.1. UN number or ID number:**

UN 3265

14.2. UN proper shipping name:

CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S. (Citric acid, monohydrate)

14.3. Transport hazard class(es):

8

14.4. Packing group:

III

Hazard label:

8



Special Provisions:

A3 A803

Limited quantity Passenger:

1 L

Passenger LQ:

Y841

Excepted quantity:

E1

IATA-packing instructions - Passenger:

852

IATA-max. quantity - Passenger:

5 L

IATA-packing instructions - Cargo:

856

IATA-max. quantity - Cargo:

60 L

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS:

No

14.6. Special precautions for user

Warning: strongly corrosive.

14.7. Maritime transport in bulk according to IMO instruments

not applicable

SECTION 15: Regulatory information

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

Restrictions on use (REACH, annex XVII):

Entry 3

2004/42/EC (VOC):

0%

Information according to 2012/18/EU
(SEVESO III):

Not subject to 2012/18/EU (SEVESO III)

National regulatory information

Employment restrictions:

Observe restrictions to employment for juveniles according to the 'juvenile work protection guideline' (94/33/EC).

Water hazard class (D):

2 - obviously hazardous to water

15.2. Chemical safety assessment

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

SECTION 16: Other information**Abbreviations and acronyms**

CLP: Classification, labelling and Packaging

REACH: Registration, Evaluation and Authorization of Chemicals

GHS: Globally Harmonised System of Classification, Labelling and Packaging of Chemicals

UN: United Nations

CAS: Chemical Abstracts Service

DNEL: Derived No Effect Level

DMEL: Derived Minimal Effect Level

PNEC: Predicted No Effect Concentration

ATE: Acute toxicity estimate

LC50: Lethal concentration, 50%

LD50: Lethal dose, 50%

LL50: Lethal loading, 50%

EL50: Effect loading, 50%

EC50: Effective Concentration 50%

ErC50: Effective Concentration 50%, growth rate

NOEC: No Observed Effect Concentration

BCF: Bio-concentration factor

PBT: persistent, bioaccumulative, toxic

vPvB: very persistent, very bioaccumulative

ADR: Accord européen sur le transport des marchandises dangereuses par Route

(European Agreement concerning the International Carriage of Dangerous Goods by Road)

RID: Regulations concerning the international carriage of dangerous goods by rail

ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways

(Accord européen relatif au transport international des marchandises dangereuses par voies de navigation intérieures)

IMDG: International Maritime Code for Dangerous Goods

EmS: Emergency Schedules

MFAG: Medical First Aid Guide

IATA: International Air Transport Association

ICAO: International Civil Aviation Organization

MARPOL: International Convention for the Prevention of Marine Pollution from Ships

IBC: Intermediate Bulk Container

SVHC: Substance of Very High Concern

For abbreviations and acronyms, see: ECHA Guidance on information requirements and chemical safety assessment, chapter R.20 (Table of terms and abbreviations).

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Classification for mixtures and used evaluation method according to Regulation (EC) No 1272/2008 [CLP]

Classification	Classification procedure
Met. Corr. 1; H290	On basis of test data
Skin Corr. 1; H314	On basis of test data
Eye Dam. 1; H318	On basis of test data

Relevant H and EUH statements (number and full text)

- H290 May be corrosive to metals.
H314 Causes severe skin burns and eye damage.
H318 Causes serious eye damage.
H319 Causes serious eye irritation.
H400 Very toxic to aquatic life.
H412 Harmful to aquatic life with long lasting effects.

Further Information

The information is based on the present level of our knowledge. It does not, however, give assurance of product properties and establishes no contract legal rights. The receiver of our product is singularly responsible for adhering to existing laws and regulations.

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