

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**

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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: +61 296 45 3221  
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		01-2119457026-42	
	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		01-2119489411-37	
	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 % - &lt; 30 % non-ionic surfactants, 5 % - &lt; 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 exhaust 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			
DNEL type		Exposure route	Effect	Value
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/m <sup>3</sup>
Worker DNEL, long-term		dermal	local	0,096 mg/cm <sup>2</sup>
Consumer DNEL, long-term		dermal	systemic	68,1 mg/kg bw/day
Consumer DNEL, long-term		inhalation	systemic	6,6 mg/m <sup>3</sup>
Consumer DNEL, long-term		oral	systemic	3,8 mg/kg bw/day
Consumer DNEL, long-term		dermal	local	0,048 mg/cm <sup>2</sup>

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**PNEC values**

CAS No	Name of agent		Value
Environmental compartment			
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 boiling range:	100 °C

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Flammability:	not applicable
Lower explosion limits:	not applicable
Upper explosion limits:	not applicable
Flash point:	not determined
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/cm <sup>3</sup>
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:

&lt; 10 mPa·s

(at 20 °C)

**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 5400 mg/kg	Mouse	Manufacturer	OECD 401
	dermal	LD50 >2000 mg/kg	Rat	Manufacturer	OECD 402
68439-51-0	Alcohols, C12-14 (even numbered), ethoxylated propoxylated (>= 2.5 moles EO/PO)				
	oral	LD50 >2000-5000 mg/kg	Rat	Manufacturer	
68439-51-0	Alcohols, C12-14 (even numbered), ethoxylated propoxylated (>2.5 moles EO/PO)				
	oral	LD50 >2000 mg/kg	Rat	Manufacturer	
15763-76-5	sodium p-cumenesulphonate				
	oral	LD50 >5000 mg/kg	Rat	Manufacturer	OECD 401
	dermal	LD50 >2000 mg/kg	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 ( $\geq 2.5$ 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	97%	28	
	Readily biodegradable (according to OECD criteria).			
68439-51-0	Alcohols, C12-14 (even numbered), ethoxylated propoxylated ( $\geq 2.5$ 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)**

<b>14.1. UN number or ID number:</b>	UN 3265
<b>14.2. UN proper shipping name:</b>	CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S. (Citric acid, monohydrate)
<b>14.3. Transport hazard class(es):</b>	8
<b>14.4. Packing group:</b>	III
Hazard label:	8



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)**

<b>14.1. UN number or ID number:</b>	UN 3265
<b>14.2. UN proper shipping name:</b>	CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S. (Citric acid, monohydrate)
<b>14.3. Transport hazard class(es):</b>	8

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**14.4. Packing group:**

Hazard label:

III

8



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**

according to Regulation (EC) No 1907/2006

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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

MFA: 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.)*