

Safety Data Sheet

according to WHS Regulation

B 2 S

Revision date: 19.10.2022

Product code: 89300250

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Section 1 - Identification**Product identifier**

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Recommended use of the chemical and restrictions on use**Use of the substance/mixture**

Rinse aid

Prohibited carcinogens, restricted carcinogens and restricted hazardous chemicals as listed in WHS**Schedule 10**

None

Details of manufacturer or importer**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

Emergency phone number:

Domestic emergency number (Chemtrec): +61 2 9037 2994
international emergency number (Chemtrec): +65 3163 8374

Section 2 - Hazard(s) identification**Classification of the hazardous chemical****WHS 2021**

This mixture is not classified as hazardous in accordance with WHS Regulations 2021.

Label elements, including precautionary statements**WHS 2021****Precautionary statements**

P501 Dispose of waste according to applicable legislation.

Other hazards

No information available.

Section 3 - Composition and information on ingredients**Mixtures**

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Hazardous components

CAS No	Chemical name	Quantity
77-92-9	Citric acid	< 10 %
68439-51-0	Alcohols, C12-14 (even numbered), ethoxylated propoxylated (>2.5 moles EO/PO)	< 10 %
15763-76-5	Sodium p-cumenesulphonate	< 10 %

Section 4 - First aid measures**Description of necessary first aid measures****After inhalation**

Provide fresh air.

After contact with skin

Wash with plenty of water. Take off contaminated clothing and wash it before reuse.

After contact with eyes

After contact with the eyes, rinse with water with the eyelids open for a sufficient length of time, then consult an ophthalmologist immediately.

After ingestion

Rinse mouth immediately and drink 1 glass of water.

Symptoms caused by exposure

No information available.

Medical attention and special treatment

Treat symptomatically.

Section 5 - Firefighting measures**Suitable extinguishing equipment****Suitable extinguishing media**

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

Specific hazards arising from the chemical

Non-flammable.

Special protective equipment and precautions for firefighters

In case of fire: Wear self-contained breathing apparatus.

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**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.

Environmental precautions

Do not allow to enter into surface water or drains.

Methods and materials 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.

Reference to other sections

Safe handling: see section 7

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Personal protection equipment: see section 8

Disposal: see section 13

Section 7 - Handling and storage

Precautions for safe handling

Advice on safe handling

No special measures are necessary.

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.

Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep container tightly closed.

Hints on joint storage

No special measures are necessary.

Section 8 - Exposure controls and personal protection

Exposure control measures

Additional advice on limit values

To date, no national critical limit values exist.

Exposure controls

Individual protection measures, for example personal protective equipment (PPE)

Eye and face protection

Suitable eye protection: Eye glasses (EN 166)

Hand protection

Use of protective gloves (EN ISO 374-1 / Typ B (KPT))

Skin protection

Wear suitable protective clothing.

Respiratory protection

Not required if handled as intended.

Section 9 - Physical and chemical properties

Information on basic physical and chemical properties

Physical state:	Liquid	
Colour:	colourless	
Odour:	product-specific	
Melting point/freezing point:		not determined
Boiling point or initial boiling point and boiling range:		100 °C
Flammability:		not applicable
Lower explosion limits:		not applicable
Upper explosion limits:		not applicable
Flash point:		not determined
Auto-ignition temperature:		not determined

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Decomposition temperature:	not determined
pH-Value (at 20 °C):	2,1
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):	1,03 g/cm ³
Relative vapour density:	not determined

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:

< 10 mPa·s

(at 20 °C)

Section 10 - Stability and reactivity

Reactivity

Reacts with water and alkalis, generating heat.

Chemical stability

The product is stable under storage at normal ambient temperatures.

Possibility of hazardous reactions

Exothermic reaction with: alkali

Conditions to avoid

none

Incompatible materials

Keep away from: alkali

Hazardous decomposition products

No decomposition when stored and used as directed.

Section 11 - Toxicological information

Information on toxicological effects

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
77-92-9	Citric acid				
	oral	LD50 mg/kg 5400	Mouse	ECHA	OECD 401
	dermal	LD50 mg/kg >2000	Rat	ECHA	OECD 402
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

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

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.

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**Ecotoxicity**

The product is not: Ecotoxic.

Persistence and degradability

The product has not been tested.

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CAS No	Chemical name			
	Method	Value	d	Source
	Evaluation			
77-92-9	Citric acid			
	OECD 301E	100%	19	ECHA
	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	
	Readily biodegradable (according to OECD criteria).			
15763-76-5	Sodium p-cumenesulphonate			
	OECD 301B	>60%	28	literature value
	Readily biodegradable (according to OECD criteria).			

Bioaccumulative potential

The product has not been tested.

Partition coefficient n-octanol/water

CAS No	Chemical name	Log Pow
77-92-9	Citric acid	-1,6

BCF

CAS No	Chemical name	BCF	Species	Source
77-92-9	Citric acid	3,2		ECHA

Mobility in soil

The product has not been tested.

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.

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**Disposal 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.

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 (ADG)**

UN proper shipping name or technical name:

No dangerous good in sense of this transport regulation.

Marine transport (IMDG)

UN number or ID number:
UN proper shipping name or technical name:

No dangerous good in sense of this transport regulation.

No dangerous good in sense of this transport regulation.

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Transport hazard class: No dangerous good in sense of this transport regulation.

Packing group number: No dangerous good in sense of this transport regulation.

Air transport (ICAO-TI/IATA-DGR)

UN number or ID number: No dangerous good in sense of this transport regulation.

UN proper shipping name or technical name: No dangerous good in sense of this transport regulation.

Transport hazard class: No dangerous good in sense of this transport regulation.

Packing group number: No dangerous good in sense of this transport regulation.

Environmental hazards for transport purposes

ENVIRONMENTALLY HAZARDOUS: No

Special precautions for user

No dangerous good in sense of this transport regulation.

Maritime transport in bulk according to IMO instruments

No dangerous good in sense of this transport regulation.

Section 15 - Regulatory information

National regulatory information

Employment restrictions: Observe restrictions to employment for juveniles.

Section 16 - Any other relevant information

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Key abbreviations or acronyms used

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

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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

VOC: Volatile Organic Compounds

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).

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.)