

according to Regulation (EC) No 1907/2006

B2S

Revision date: 19.10.2022 Product code: 89300250 Page 1 of 10

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

1.1. Product identifier

B 2 S

UFI: MSWX-MAJA-098S-GNDM

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

Use of the substance/mixture

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

<u>1.4. Emergency telephone</u> 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

This mixture is not classified as hazardous in accordance with Regulation (EC) No 1272/2008.

2.2. Label elements

Regulation (EC) No 1272/2008

Precautionary statements

P501 Dispose of waste according to applicable legislation.

Special labelling of certain mixtures

EUH210 Safety data sheet available on request.

2.3. Other hazards

No information available.

SECTION 3: Composition/information on ingredients

3.2. Mixtures



according to Regulation (EC) No 1907/2006

B2S

Revision date: 19.10.2022 Product code: 89300250 Page 2 of 10

Hazardous components

CAS No	Chemical name						
	EC No	Index No	REACH No				
	Classification (Regulation (EC) No	Classification (Regulation (EC) No 1272/2008)					
5949-29-1	Citric acid, monohydrate						
	201-069-1		01-2119457026-42				
	Eye Irrit. 2; H319						
68439-51-0	Alcohols, C12-14 (even numbered)	, ethoxylated propoxylated (>2.5 mol	es EO/PO)	2.5 - < 5 %			
	931-986-9						
	Eye Irrit. 2, Aquatic Acute 1, Aquati						
68439-51-0	Alcohols, C12-14 (even numbered)	2.5 - < 5 %					
	931-986-9						
	Aquatic Chronic 3; H412						
15763-76-5	sodium p-cumenesulphonate	2.5 - < 5 %					
	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	2.5 - < 5 %
	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)	2.5 - < 5 %
	oral: LD50 = >	>2000 mg/kg	
68439-51-0	931-986-9	Alcohols, C12-14 (even numbered), ethoxylated propoxylated (>= 2.5 moles EO/PO)	2.5 - < 5 %
	oral: LD50 = >	-2000-5000 mg/kg	
15763-76-5	239-854-6	sodium p-cumenesulphonate	2.5 - < 5 %
	dermal: LD50 = >2000 mg/kg; oral: LD50 = >5000 mg/kg		

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

5 % - < 15 % non-ionic surfactants, < 5 % amphoteric surfactants, preservation agents (Benzisothiazolinone).

SECTION 4: First aid measures

4.1. Description of 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 of water.

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.



according to Regulation (EC) No 1907/2006

B2S

Revision date: 19.10.2022 Product code: 89300250 Page 3 of 10

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

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

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

Disposal: see section 13

SECTION 7: Handling and storage

7.1. 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.

7.2. 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.

7.3. Specific end use(s)

Rinse aid

SECTION 8: Exposure controls/personal protection



according to Regulation (EC) No 1907/2006

B2S

Revision date: 19.10.2022 Product code: 89300250 Page 4 of 10

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/m³			
Worker DNEL, long-term		dermal	local	0,096 mg/cm ²			
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/cm ²			

PNEC values

CAS No	Name of agent	
Environmenta	I compartment	Value
5949-29-1	Citric acid, monohydrate	
Freshwater		0,44 mg/l
Marine water		0,044 mg/l
Freshwater se	ediment	3,46 mg/kg
Marine sedim	ent	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)



according to Regulation (EC) No 1907/2006

B2S

Revision date: 19.10.2022 Product code: 89300250 Page 5 of 10

easily soluble

Hand protection

Use of protective gloves (EN 374)

Skin protection

Wear suitable protective clothing.

Respiratory protection

Not required if handled as intended.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state: Liquid
Colour: colourless
Odour: product-specific

Melting point/freezing point:

Boiling point or initial boiling point and

100 °C

boiling range:

Flammability: not applicable

not applicable
Lower explosion limits:
upper 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):
2,1

Solubility in other solvents

not determined

Water solubility:

Partition coefficient n-octanol/water:

Vapour pressure:

Density (at 20 °C):

Relative vapour density:

not determined

1,03 g/cm³

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: < 10 mPa·s

(at 20 °C)

SECTION 10: Stability and reactivity

10.1. Reactivity

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



according to Regulation (EC) No 1907/2006

B2S

Revision date: 19.10.2022 Product code: 89300250 Page 6 of 10

10.4. Conditions to avoid

none

10.5. Incompatible materials

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.

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 mg/kg	Rat	Manufacturer			
68439-51-0	Alcohols, C12-14 (even numbered), ethoxylated propoxylated (>= 2.5 moles EO/PO)						
	oral	LD50 >2000 5000 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

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.

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].



according to Regulation (EC) No 1907/2006

B2S

Revision date: 19.10.2022 Product code: 89300250 Page 7 of 10

SECTION 12: Ecological information

12.1. Toxicity

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

The product is not: Ecotoxic.

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	>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	
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	
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.



according to Regulation (EC) No 1907/2006

B2S

Revision date: 19.10.2022 Product code: 89300250 Page 8 of 10

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 (>2.5 moles EO/PO)							
	OECD 301B	>60%	28					
	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.							
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.

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.



according to Regulation (EC) No 1907/2006

B2S

Revision date: 19.10.2022 Product code: 89300250 Page 9 of 10

SECTION 14: Transport information

Land transport (ADR/RID)

14.1. UN number or ID number:No dangerous good in sense of this transport regulation.14.2. UN proper shipping name:No dangerous good in sense of this transport regulation.14.3. Transport hazard class(es):No dangerous good in sense of this transport regulation.14.4. Packing group:No dangerous good in sense of this transport regulation.

Inland waterways transport (ADN)

14.1. UN number or ID number:No dangerous good in sense of this transport regulation.14.2. UN proper shipping name:No dangerous good in sense of this transport regulation.14.3. Transport hazard class(es):No dangerous good in sense of this transport regulation.14.4. Packing group:No dangerous good in sense of this transport regulation.

Marine transport (IMDG)

14.1. UN number or ID number:No dangerous good in sense of this transport regulation.14.2. UN proper shipping name:No dangerous good in sense of this transport regulation.14.3. Transport hazard class(es):No dangerous good in sense of this transport regulation.14.4. Packing group:No dangerous good in sense of this transport regulation.

Air transport (ICAO-TI/IATA-DGR)

14.1. UN number or ID number:No dangerous good in sense of this transport regulation.14.2. UN proper shipping name:No dangerous good in sense of this transport regulation.14.3. Transport hazard class(es):No dangerous good in sense of this transport regulation.14.4. Packing group:No dangerous good in sense of this transport regulation.

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: No

14.6. Special precautions for user

No dangerous good in sense of this transport regulation.

14.7. Maritime transport in bulk according to IMO instruments

No dangerous good in sense of this transport regulation.

SECTION 15: Regulatory information

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

EU regulatory information

Restrictions on use (REACH, annex XVII):

Entry 75

2004/42/EC (VOC): 0,089 % (0,918 g/l)

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

(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



according to Regulation (EC) No 1907/2006

B2S

Revision date: 19.10.2022 Product code: 89300250 Page 10 of 10

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 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).

Relevant H and EUH statements (number and full text)

H319 Causes serious eye irritation. H400 Very toxic to aquatic life.

H412 Harmful to aquatic life with long lasting effects.

EUH210 Safety data sheet available on request.

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.)