

Revision date: 28/02/2025

B 170 XD
Product code: 89300383

Page 1 of 10

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

B 170 XD

UFI: 869Y-XAC3-R98M-F1W6

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

Special 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 Ltd.
Street: Winterhalter House, Roebuck Way
Place: GB- Knowlhill Milton Keynes MK5 8WH
Telephone: +44 1908 3590-00
E-mail: info@winterhalter.co.uk
Contact person: Business Unit Chemicals
E-mail Contact person: sds@winterhalter.com
Internet: www.winterhalter.co.uk

1.4. Emergency telephone number:

Domestic emergency number (Chemtrec): +44 20 3807 3798
International emergency number (Chemtrec): +44 20 3885 0382

SECTION 2: Hazards identification**2.1. Classification of the substance or mixture****GB CLP Regulation**

Acute Tox. 4; H302
Skin Irrit. 2; H315
Eye Irrit. 2; H319

Full text of hazard statements: see SECTION 16.

2.2. Label elements**GB CLP Regulation****Hazard components for labelling**

ethoxylated alkyl alcohol

Signal word: Warning**Pictograms:**

B 170 XD

Revision date: 28/02/2025

Product code: 89300383

Page 2 of 10

Hazard statements

- H302 Harmful if swallowed.
 H315 Causes skin irritation.
 H319 Causes serious eye irritation.

Precautionary statements

- P280 Wear protective gloves and eye protection/face protection.
 P301+P312 IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.
 P302+P352 IF ON SKIN: Wash with plenty of water and soap.
 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

There is no information available.

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

CAS No	Chemical name	Quantity
	EC No Index No REACH No	
	Classification (GB CLP Regulation)	
196823-11-7	Oxirane, methyl-, polymer with oxirane, monoisotridecyl ether, block	25 - < 50 %
	Eye Irrit. 2; H319	
	ethoxylated alkyl alcohol	25 - < 50 %
	Acute Tox. 4, Skin Irrit. 2; H302 H315	
15763-76-5	Sodium p-cumenesulphonate	0.3 - < 2.5 %
	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	
196823-11-7		Oxirane, methyl-, polymer with oxirane, monoisotridecyl ether, block	25 - < 50 %
		oral: LD50 = >2000-5000 mg/kg	
		ethoxylated alkyl alcohol	25 - < 50 %
		oral: LD50 = >300-2000 mg/kg	
15763-76-5	239-854-6	Sodium p-cumenesulphonate	0.3 - < 2.5 %
		dermal: LD50 = >2000 mg/kg; oral: LD50 = 6720 mg/kg	

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

>= 30 % non-ionic surfactants, < 5 % amphoteric surfactants.

SECTION 4: First aid measures**4.1. Description of first aid measures****After inhalation**

Provide fresh air.

After contact with skin

B 170 XD

Revision date: 28/02/2025

Product code: 89300383

Page 3 of 10

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

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. Medical treatment necessary.

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

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

B 170 XD

Revision date: 28/02/2025

Product code: 89300383

Page 4 of 10

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)

Special rinse aid

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

CAS No	Substance			
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 ³
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/m ³
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	Substance	
Environmental compartment		Value
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: goggles. Suitable eye protection: Eye glasses (EN 166)

Hand protection

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

Skin protection

Revision date: 28/02/2025

B 170 XD

Product code: 89300383

Page 5 of 10

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:	not determined
Boiling point or initial boiling point and boiling range:	100 °C
Flammability:	not determined
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):	2,7
Viscosity / kinematic:	not determined
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
Particle characteristics:	not applicable

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

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

No hazardous reaction when handled and stored according to provisions.

10.2. Chemical stability

The product is stable under storage at normal ambient temperatures.

10.3. Possibility of hazardous reactions

No known hazardous reactions.

10.4. Conditions to avoid

none

B 170 XD

Revision date: 28/02/2025

Product code: 89300383

Page 6 of 10

10.5. Incompatible materials

No information available.

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 GB CLP Regulation****Acute toxicity**

Harmful if swallowed.

ATEmix calculated

ATE (oral) 1000 mg/kg; ATE (dermal) > 2000 mg/kg; ATE (inhalation vapour) > 20 mg/l; ATE (inhalation dust/mist) > 5 mg/l

CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
196823-11-7	Oxirane, methyl-, polymer with oxirane, monoisotridecyl ether, block				
	oral	LD50 >2000-5000 mg/kg	Rat	Manufacturer	OECD 201
	ethoxylated alkyl alcohol				
	oral	LD50 >300-2000 mg/kg	Rat	Manufacturer	OECD 423
15763-76-5	Sodium p-cumenesulphonate				
	oral	LD50 6720 mg/kg	Rat	ECHA	OECD 423
	dermal	LD50 >2000 mg/kg	Rabbit	ECHA	OECD 402

Irritation and corrosivity

Skin corrosion/irritation: Causes skin irritation.

Serious eye damage/eye irritation: Causes serious eye irritation.

Sensitising effects

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

Carcinogenic/mutagenic/toxic effects for reproduction

Germ cell mutagenicity: Based on available data, the classification criteria are not met.

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

Reproductive toxicity: 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.

Other 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.

B 170 XD

Revision date: 28/02/2025

Product code: 89300383

Page 7 of 10

CAS No	Chemical name					
	Aquatic toxicity	Dose	[h][d]	Species	Source	Method
196823-11-7	Oxirane, methyl-, polymer with oxirane, monoisotridecyl ether, block					
	Acute fish toxicity	LC50 >1-10 mg/l	96 h	Brachydanio rerio	Manufacturer	OECD 203
	ethoxylated alkyl alcohol					
	Acute fish toxicity	LC50 >10-100 mg/l	96 h	Pimephales promelas (fathead minnow)	Manufacturer	OECD 203
	Acute algae toxicity	ErC50 >10-100 mg/l	72 h	Pseudokirchneriella subcapitata	Manufacturer	OECD 201
	Acute crustacea toxicity	EC50 >100 mg/l	48 h	Daphnia magna (Big water flea)	Manufacturer	
15763-76-5	Sodium p-cumenesulphonate					
	Acute fish toxicity	LC50 >100 mg/l	96 h	Oncorhynchus mykiss (Rainbow trout)	literature value	
	Acute algae toxicity	ErC50 >100 mg/l	96 h	Pseudokirchneriella subcapitata	literature value	
	Acute crustacea toxicity	EC50 >100 mg/l	48 h	Daphnia magna (Big water flea)	literature value	
	Acute bacteria toxicity	EC50 >1000 mg/l ()	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			
196823-11-7	Oxirane, methyl-, polymer with oxirane, monoisotridecyl ether, block			
	ISO 14593	>60%	28	
	Readily biodegradable (according to OECD criteria).			
	ethoxylated alkyl alcohol			
	OECD 301B	80-90%	28	
	Readily biodegradable (according to OECD criteria).			
	DIN EN ISO 11734	75%	60	
	Moderately/partially 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 UK REACH.

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

Revision date: 28/02/2025

B 170 XD

Product code: 89300383

Page 8 of 10

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:**

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

B 170 XD

Revision date: 28/02/2025

Product code: 89300383

Page 9 of 10

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 3, Entry 75

Directive 2004/42/EC on VOC in
paints and varnishes:

0%

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

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

Additional information

Regulation (EC) No. 648/2004 [Detergents regulation].

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**Changes**

This safety data sheet complies with the Regulation amending Annex II ((EC) No 2020/878) to Regulation (EC) No 1907/2006.

Abbreviations and acronyms

Acute Tox: Acute toxicity

Skin Irrit: Skin irritation

Eye Irrit: Eye irritation

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

B 170 XD

Revision date: 28/02/2025

Product code: 89300383

Page 10 of 10

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).

EC/EEC: European Community/European Economic Community

EU: European Union

M-factor: Multiplying factor

IATA: International Air Transport Association

DGR: Dangerous Goods Regulations

ICAO: International Civil Aviation Organization

TI: Technical Instructions

VOC: volatile organic compound

Classification for mixtures and used evaluation method according to GB CLP Regulation

Classification	Classification procedure
Acute Tox. 4; H302	Calculation method
Skin Irrit. 2; H315	Calculation method
Eye Irrit. 2; H319	Calculation method

Relevant H and EUH statements (number and full text)

H302	Harmful if swallowed.
H315	Causes skin irritation.
H319	Causes serious eye irritation.

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 relevant ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)