

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

### 1.1. Product identifier

B 100 N

UFI: EGSX-AA1F-Q981-EK8D

### 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

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

### 1.4. Emergency telephone number:

International emergency number (Chemtrec): +1-703-527-3887

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

#### Regulation (EC) No 1272/2008

Eye Irrit. 2; H319

Full text of hazard statements: see SECTION 16.

### 2.2. Label elements

#### Regulation (EC) No 1272/2008

Signal word: Warning

Pictograms:



#### Hazard statements

H319 Causes serious eye irritation.

#### Precautionary statements

P280 Wear protective gloves and eye protection/face 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.

#### Special labelling of certain mixtures

EUH208 Contains 1,2-benzisothiazol-3(2H)-one. May produce an allergic reaction.

### 2.3. Other hazards

There is no information available.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

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### Relevant ingredients

CAS No	Chemical name	Quantity
	EC No	
	Index No	
	REACH No	
	Classification (Regulation (EC) No 1272/2008)	
68439-51-0	Alcohols, C12-14 (even numbered), ethoxylated propoxylated ( $\geq 2.5$ 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	
2634-33-5	1,2-benzisothiazol-3(2H)-one	< 0.036 %
	220-120-9	
	613-088-00-6	
	01-2120761540-60	
	Acute Tox. 2, Acute Tox. 4, Skin Irrit. 2, Eye Dam. 1, Skin Sens. 1A, Aquatic Acute 1, Aquatic Chronic 1; H330 H302 H315 H318 H317 H400 H410	

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	
68439-51-0	931-986-9	Alcohols, C12-14 (even numbered), ethoxylated propoxylated ( $\geq 2.5$ 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 = 6720 mg/kg	
2634-33-5	220-120-9	1,2-benzisothiazol-3(2H)-one	< 0.036 %
		inhalation: ATE 0,21 mg/l (dusts or mists); dermal: LD50 = $>2000$ mg/kg; oral: ATE 450 mg/kg Skin Sens. 1A; H317: $\geq 0,036 - 100$ Aquatic Acute 1; H400: M=1 Aquatic Chronic 1; H410: M=1	

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

15 % - < 30 % non-ionic surfactants, 5 % - < 15 % amphoteric surfactants, < 5 % polycarboxylates, preservation agents (Benzisothiazolinone, Methylisothiazolinone, Iodopropynyl butylcarbamate).

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

#### After inhalation

Provide fresh air. If breathing is irregular or stopped, administer artificial respiration. 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

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.

**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**

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)**

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

CAS No	Name of agent	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>
2634-33-5	1,2-benzisothiazol-3(2H)-one			
Worker DNEL, long-term		inhalation	systemic	6,81 mg/m <sup>3</sup>
Worker DNEL, long-term		dermal	systemic	0,966 mg/kg bw/day
Consumer DNEL, long-term		inhalation	systemic	1,2 mg/m <sup>3</sup>
Consumer DNEL, long-term		dermal	systemic	0,345 mg/kg bw/day

**PNEC values**

CAS No	Name of agent	Value
15763-76-5	Sodium p-cumenesulphonate	
Environmental compartment		
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
2634-33-5	1,2-benzisothiazol-3(2H)-one	
Freshwater		0,00403 mg/l
Freshwater (intermittent releases)		0,0011 mg/l
Marine water		0,000403 mg/l
Marine water (intermittent releases)		0,00011 mg/l
Freshwater sediment		0,0499 mg/kg
Marine sediment		0,00499 mg/kg
Micro-organisms in sewage treatment plants (STP)		1,03 mg/l
Soil		3 mg/kg

**Additional advice on limit values**

To date, no national critical limit values exist.

**8.2. Exposure controls****Appropriate engineering controls**

Ensure sufficient ventilation, especially in closed rooms.

## 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 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

### 9.1. Information on basic physical and chemical properties

Physical state:	Liquid
Colour:	colourless
Odour:	product-specific
Melting point/freezing point:	0 °C
Boiling point or initial boiling point and boiling range:	100 °C
Flammability:	not applicable 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):	4,9
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):	1,02 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 (at 20 °C):	< 10 mPa·s

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No hazardous reaction when handled and stored according to provisions.

### 10.2. Chemical stability

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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

**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 Regulation (EC) No 1272/2008****Acute toxicity**

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

**ATEmix calculated**

ATE (oral) > 2000 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
68439-51-0	Alcohols, C12-14 (even numbered), ethoxylated propoxylated ( $\geq 2.5$ 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 6720 mg/kg	Rat	ECHA	OECD 423
	dermal	LD50 >2000 mg/kg	Rabbit	ECHA	OECD 402
2634-33-5	1,2-benzisothiazol-3(2H)-one				
	oral	ATE 450 mg/kg			
	dermal	LD50 >2000 mg/kg	Rat	ECHA	OECD 402
	inhalation dust/mist	ATE 0,21 mg/l			

**Irritation and corrosivity**

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

Skin corrosion/irritation: Based on available data, the classification criteria are not met.

**Sensitising effects**

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

Contains 1,2-benzisothiazol-3(2H)-one. May produce an allergic reaction.

**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.

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**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.

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 >1-10 mg/l	96 h	Poecilia reticulata (Guppy)	Manufacturer	OECD 203
	Acute algae toxicity	ErC50 >1-10 mg/l	72 h	Desmodesmus subspicatus	Manufacturer	OECD 201
	Acute crustacea toxicity	EC50 >1-10 mg/l	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 >0,1-1 mg/l	96 h	Cyprinus carpio (Common Carp)	Manufacturer	OECD 203
	Acute algae toxicity	ErC50 >0,1-1 mg/l	72 h	Desmodesmus subspicatus	Manufacturer	OECD 201
	Acute crustacea toxicity	EC50 >0,1-1 mg/l	48 h	Daphnia magna (Big water flea)	Manufacturer	OECD 202
	Acute bacteria toxicity	EC50 990 mg/l ( )	3 h		Manufacturer	OECD 209 OECD 209
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			
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.			



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CAS No	Chemical name			
	Method	Value	d	Source
	Evaluation			
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.

**BCF**

CAS No	Chemical name	BCF	Species	Source
2634-33-5	1,2-benzisothiazol-3(2H)-one	6,62		ECHA

**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.

**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)**

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

**Marine transport (IMDG)**

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

**Air transport (ICAO-TI/IATA-DGR)**

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

**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

Skin resorption/Sensitization: Causes allergic hypersensitivity reactions.

**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 Dam: Eye damage  
 Eye Irrit: Eye irritation  
 Skin Sens: Skin sensitisation

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Aquatic Acute: Acute aquatic hazard  
 Aquatic Chronic: Chronic aquatic hazard  
 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  
 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).

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

Classification	Classification procedure
Eye Irrit. 2; H319	Calculation method

### Relevant H and EUH statements (number and full text)

H302	Harmful if swallowed.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H330	Fatal if inhaled.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.
EUH208	Contains 1,2-benzisothiazol-3(2H)-one. May produce an allergic reaction.

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

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**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.

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