

Revision date: 01/12/2023

S 8400 +
Product code: 89300346

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

S 8400 +

UFI: Y16Y-6ATE-E989-0EAT

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

Hygiene all-purpose detergent

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**

Met. Corr. 1; H290
 Skin Corr. 1; H314
 Eye Dam. 1; H318
 Aquatic Chronic 2; H411

Full text of hazard statements: see SECTION 16.

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

Sodium hydroxide

Signal word: Danger**Pictograms:**

Hazard statements

H290	May be corrosive to metals.
H314	Causes severe skin burns and eye damage.
H411	Toxic to aquatic life with long lasting effects.

Precautionary statements

P273	Avoid release to the environment.
P280	Wear protective gloves and eye protection/face protection.
P303+P361+P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310	Immediately call a POISON CENTER/doctor.
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)			
1310-73-2	Sodium hydroxide			50 - < 75 %
	215-185-5	011-002-00-6	01-2119457892-27	
	Skin Corr. 1A; H314			
497-19-8	Sodium carbonate			10 - < 25 %
	207-838-8	011-005-00-2	01-2119485498-19	
	Eye Irrit. 2; H319			
51580-86-0	Troclosene sodium, dihydrate			2.5 - < 5 %
	220-767-7	613-030-01-7	01-2119489371-33	
	Acute Tox. 4, Eye Irrit. 2, STOT SE 3, Aquatic Acute 1, Aquatic Chronic 1; H302 H319 H335 H400 H410 EUH031			

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	
1310-73-2	215-185-5	Sodium hydroxide	50 - < 75 %
		Skin Corr. 1A; H314: >= 5 - 100 Skin Corr. 1B; H314: >= 2 - < 5 Skin Irrit. 2; H315: >= 0,5 - < 2 Eye Irrit. 2; H319: >= 0,5 - < 2	
497-19-8	207-838-8	Sodium carbonate	10 - < 25 %
		oral: LD50 = 4090 mg/kg	
51580-86-0	220-767-7	Troclosene sodium, dihydrate	2.5 - < 5 %
		dermal: LD50 = > 5000 mg/kg; oral: LD50 = 1671 mg/kg	

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

>= 30 % phosphates, < 5 % chlorine-based bleaching agents, < 5 % aliphatic hydrocarbons.

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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. If breathing is irregular or stopped, administer artificial respiration. No mouth-to-mouth or mouth-to-nose resuscitation. Use Ambu bag or ventilator. Call a physician immediately.

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. Avoid dust formation. Do not breathe dust. 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**

Take up mechanically. 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

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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. Avoid dust formation. Do not breathe dust.

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 exhaustion at critical locations. Unsuitable container/equipment material: Metal.

Hints on joint storage

Do not store together with: Acid.

7.3. Specific end use(s)

Hygiene all-purpose detergent

SECTION 8: Exposure controls/personal protection**8.1. Control parameters****Exposure limits (EH40)**

CAS No	Substance	ppm	mg/m ³	fibres/ml	Category	Origin
7782-50-5	Chlorine	0.5	1.5		STEL (15 min)	WEL
1310-73-2	Sodium hydroxide	-	2		STEL (15 min)	WEL

DNEL/DMEL values

CAS No	Substance	Exposure route	Effect	Value
1310-73-2	Sodium hydroxide			
Worker DNEL, long-term	inhalation	local	1 mg/m ³	
Consumer DNEL, long-term	inhalation	local	1 mg/m ³	
497-19-8	Sodium carbonate			
Worker DNEL, long-term	inhalation	local	10 mg/m ³	
Consumer DNEL, long-term	inhalation	local	5 mg/m ³	
51580-86-0	Trosclosene sodium, dihydrate			
Worker DNEL, long-term	inhalation	systemic	8,11 mg/m ³	
Worker DNEL, long-term	dermal	systemic	2,3 mg/kg bw/day	
Consumer DNEL, long-term	inhalation	systemic	1,99 mg/m ³	
Consumer DNEL, long-term	dermal	systemic	1,15 mg/kg bw/day	
Consumer DNEL, long-term	oral	systemic	1,15 mg/kg bw/day	

PNEC values

CAS No	Substance	Value
51580-86-0	Trosclosene sodium, dihydrate	
Freshwater (intermittent releases)		0,002 mg/l
Marine water		1,52 mg/l
Freshwater sediment		7,56 mg/kg
Micro-organisms in sewage treatment plants (STP)		0,59 mg/l

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PNEC values

CAS No	Substance	
Environmental compartment		Value
Soil		0,756 mg/kg

8.2. Exposure controls**Appropriate engineering controls**

Ensure sufficient ventilation, especially in closed rooms.
Do not breathe dust.

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

Respiratory protection necessary at: dust formation
Half mask with particle filter P2 (EN 143).

SECTION 9: Physical and chemical properties**9.1. Information on basic physical and chemical properties**

Physical state: solid
Colour: light yellow - white

Test method

Melting point/freezing point:	not determined	
Boiling point or initial boiling point and boiling range:	not determined	
Flammability:	not determined	
	not applicable	
Lower explosion limits:	not applicable	
Upper explosion limits:	not applicable	
Flash point:	not applicable	
Auto-ignition temperature:	not applicable	
Decomposition temperature:	not determined	
pH-Value (at 20 °C):	12,5 (3 g/l)	3 g/l
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):	1,05 g/cm ³	
Relative vapour density:	not determined	

9.2. Other information**Information with regard to physical hazard classes**

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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**

Reactions with metals with hydrogen evolution.

Reacts with water and acids, generating heat.

10.2. Chemical stability

The product is stable under storage at normal ambient temperatures.

10.3. Possibility of hazardous reactions

Chlorine gas can be formed with acids.

Hydrogen, in reactions with metals.

10.4. Conditions to avoid

Protect from moisture.

10.5. Incompatible materials

Metal.

Keep away from: Acid

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**

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

ATEmix calculated

ATE (oral) > 5000 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
497-19-8	Sodium carbonate				
	oral	LD50 4090 mg/kg	Rat	IUCLID	
51580-86-0	Troclosene sodium, dihydrate				
	oral	LD50 1671 mg/kg	Rat female	ECHA	EPA OPP 81-1
	dermal	LD50 > 5000 mg/kg	Rat	ECHA	EPA OPP 81-2

Irritation and corrosivity

Skin corrosion/irritation: Causes severe skin burns and eye damage. (On basis of test data)

Serious eye damage/eye irritation: 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

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.

Further information

The mixture is classified as hazardous according to regulation (EC) No 1272/2008 [CLP].

SECTION 12: Ecological information**12.1. Toxicity**

Toxic to aquatic life with long lasting effects.

Toxic to aquatic life with long lasting effects.

CAS No	Chemical name					
	Aquatic toxicity	Dose	[h][d]	Species	Source	Method
497-19-8	Sodium carbonate					
	Acute fish toxicity	LC50 300 mg/l	96 h	Lepomis macrochirus		
	Acute crustacea toxicity	EC50 265 mg/l	48 h	Daphnia magna	IUCLID	
51580-86-0	Troclosene sodium, dihydrate					
	Acute fish toxicity	LC50 0,23 mg/l	96 h	Lepomis macrochirus (Bluegill)	ECHA	
	Acute algae toxicity	ErC50 0,5 mg/l		Chlorella pyrenoidosa	ECHA	
	Acute crustacea toxicity	EC50 0,17 mg/l	48 h	Daphnia magna (Big water flea)	ECHA	

12.2. Persistence and degradability

The product has not been tested.

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 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.

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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

060205 WASTES FROM INORGANIC CHEMICAL PROCESSES; wastes from the MFSU of bases; other bases; hazardous waste

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: UN 1823
14.2. UN proper shipping name: SODIUM HYDROXIDE, SOLID, Mixture
14.3. Transport hazard class(es): 8
14.4. Packing group: II
 Hazard label: 8



Classification code: C6
 Limited quantity: 1 kg
 Excepted quantity: E2
 Transport category: 2
 Hazard No: 80
 Tunnel restriction code: E

Inland waterways transport (ADN)

14.1. UN number or ID number: UN 1823
14.2. UN proper shipping name: SODIUM HYDROXIDE, SOLID, Mixture
14.3. Transport hazard class(es): 8
14.4. Packing group: II
 Hazard label: 8



Classification code: C6
 Limited quantity: 1 kg
 Excepted quantity: E2

Marine transport (IMDG)

14.1. UN number or ID number: UN 1823
14.2. UN proper shipping name: SODIUM HYDROXIDE, SOLID, Mixture
14.3. Transport hazard class(es): 8
14.4. Packing group: II

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Hazard label:

8



Special Provisions:

-

Limited quantity:

1 kg

Excepted quantity:

E2

EmS:

F-A, S-B

Segregation group:

18 - alkalis

Air transport (ICAO-TI/IATA-DGR)**14.1. UN number or ID number:**

UN 1823

14.2. UN proper shipping name:

SODIUM HYDROXIDE, SOLID, Mixture

14.3. Transport hazard class(es):

8

14.4. Packing group:

II

Hazard label:

8



Limited quantity Passenger:

5 kg

Passenger LQ:

Y844

Excepted quantity:

E2

IATA-packing instructions - Passenger:

859

IATA-max. quantity - Passenger:

15 kg

IATA-packing instructions - Cargo:

863

IATA-max. quantity - Cargo:

50 kg

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: Yes



Danger releasing substance:

Troclosene sodium, dihydrate

14.6. Special precautions for user

Warning: strongly corrosive.

14.7. Maritime transport in bulk according to IMO instruments

not applicable

Other applicable information

Hazchem code:

2W

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

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

0%

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

E2 Hazardous to the Aquatic Environment

National regulatory information

Employment restrictions:

Observe restrictions to employment for juveniles according to the 'juvenile

Water hazard class (D):

work protection guideline' (94/33/EC).

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

Met. Corr: Corrosive to metals

Acute Tox: Acute toxicity

Skin Corr: Skin corrosion

Eye Dam: Eye damage

Eye Irrit: Eye irritation

STOT SE: Specific target organ toxicity - single exposure

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

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 GB CLP Regulation

Classification	Classification procedure
Met. Corr. 1; H290	On basis of test data
Skin Corr. 1; H314	On basis of test data

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

Classification	Classification procedure
Eye Dam. 1; H318	On basis of test data
Aquatic Chronic 2; H411	Calculation method

Relevant H and EUH statements (number and full text)

H290	May be corrosive to metals.
H302	Harmful if swallowed.
H314	Causes severe skin burns and eye damage.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H335	May cause respiratory irritation.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.
EUH031	Contact with acids liberates toxic gas.

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.)