

Safety Data Sheet

according to WHS Regulation

Revision date: 23/08/2023

F 420 e
Product code: 89300246

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Section 1 - Identification**Product identifier**

F 420 e

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

Special detergent

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 Contact person: 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**

Substances or mixtures corrosive to metals: Met. Corr. 1
Skin corrosion/irritation: Skin Corr. 1
Eye damage/irritation: Eye Dam. 1

Label elements, including precautionary statements**WHS 2021****Hazard components for labelling**

Sodium hydroxide: < 10 %

Signal word: Danger**Pictograms:**

corrosion

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Hazard statements

- H290 May be corrosive to metals
H314 Causes severe skin burns and eye damage

Precautionary statements

- 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.

Other hazards

No information available.

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

CAS No	Chemical name	Quantity
1310-73-2	Sodium hydroxide	< 10 %

Section 4 - First aid measures**Description of necessary 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. 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

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.

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

Wear a self-contained breathing apparatus and chemical protective clothing. Full protection suit.

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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

Personal protection equipment: see section 8

Disposal: see section 13

Section 7 - Handling and storage**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 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. 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

No special measures are necessary.

Section 8 - Exposure controls and personal protection**Exposure control measures****Workplace Exposure Standards (WES)**

CAS No	Substance	ppm	mg/m ³	fibres/ml	Category	Origin
1310-73-2	Sodium hydroxide	-	2		Peak Limitation	WES

Exposure controls

Appropriate engineering controls

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Ensure sufficient ventilation, especially in closed rooms.

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:	light yellow	
Odour:	product-specific	
Melting point/freezing point:		not determined
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 applicable
Auto-ignition temperature:		not applicable
Decomposition temperature:		not determined
pH-Value (at 20 °C):		14
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):		1,21 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 (at 20 °C):	< 10 mPa·s

Section 10 - Stability and reactivity

Reactivity

Reactions with metals with hydrogen evolution.
Reacts with water and acids, generating heat.

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Chemical stability

The product is stable under storage at normal ambient temperatures.

Possibility of hazardous reactions

Exothermic reaction with: Acid
Hydrogen, in reactions with metals.

Conditions to avoid

none

Incompatible materials

Metal.
Keep away from: Acid

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.

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

Irritation and corrosivity

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

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.

Bioaccumulative potential

The product has not been tested.

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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**Marine transport (IMDG)**

UN number or ID number: UN 1824
UN proper shipping name or technical name: SODIUM HYDROXIDE SOLUTION
Transport hazard class: 8
Packing group number: II
Hazard label: 8



Special Provisions: -
Limited quantity: 1 L
Excepted quantity: E2
EmS: F-A, S-B
Segregation group: 18 - alkalis

Air transport (ICAO-TI/IATA-DGR)

UN number or ID number: UN 1824
UN proper shipping name or technical name: SODIUM HYDROXIDE SOLUTION
Transport hazard class: 8
Packing group number: II
Hazard label: 8



Special Provisions: A3 A803
Limited quantity Passenger: 0.5 L
Passenger LQ: Y840

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Excepted quantity: E2
 IATA-packing instructions - Passenger: 851
 IATA-max. quantity - Passenger: 1 L
 IATA-packing instructions - Cargo: 855
 IATA-max. quantity - Cargo: 30 L

Environmental hazards for transport purposes

ENVIRONMENTALLY HAZARDOUS: No

Special precautions for user

Warning: strongly corrosive.

Maritime transport in bulk according to IMO instruments

not applicable

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
 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).

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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.

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