

Safety Data Sheet

according to Regulation (EC) No 1907/2006

235(E) SSC (Bulk)

Revision date: 22.06.2021

Page 1 of 15

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

1.1. Product identifier

235(E) SSC (Bulk)

UFI: 5WGV-VYMW-T5PM-4Q5E

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

Use of the substance/mixture

Water based cleaner. Nonflammable. Concentrated high alkaline aqueous degreaser that quickly and efficiently cuts through grease and grime.

Uses advised against

No information available.

1.3. Details of the supplier of the safety data sheet

Company name:	Chesterton International GmbH	
Street:	Am Lenzenfleck 23	
Place:	D-85737 Ismaning GERMANY	
Telephone:	+49 89 99 65 46 - 0	Telefax: +49 89 99 65 46 - 50
e-mail:	eu-sds@chesterton.com	
e-mail (Contact person):	eu-sds@chesterton.com	
Internet:	www.chesterton.com	
Responsible Department:	eu-sds@chesterton.com	

1.4. Emergency telephone number:

+49(0) 551 - 1 92 40 (GIZ-Nord, 24h)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Regulation (EC) No 1272/2008

Skin Corr. 1; H314

Eye Dam. 1; H318

Full text of hazard statements: see SECTION 16.

2.2. Label elements

Regulation (EC) No 1272/2008

Hazard components for labelling

Sodium hydroxide; caustic soda

1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-(C8-18(even numbered) and C18 unsaturated acyl) derivs., hydroxides, inner salts

D-Glucopyranose, oligomers, decyl octyl glycosides

tetrasodium ethylene diamine tetraacetate

Signal word: Danger

Pictograms:



Safety Data Sheet

according to Regulation (EC) No 1907/2006

235(E) SSC (Bulk)

Revision date: 22.06.2021

Page 2 of 15

Hazard statements

H314 Causes severe skin burns and eye damage.

Precautionary statements

P260 Do not breathe dust/fume/gas/mist/vapours/spray.

P264 Wash hands thoroughly after handling.

P280 Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.

P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

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.

2.3. Other hazards

No information available.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Hazardous components

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	Classification (Regulation (EC) No 1272/2008)			
1310-73-2	Sodium hydroxide; caustic soda			1 - 5 %
	215-185-5	011-002-00-6	01-2119457892-27	
	Met. Corr. 1, Skin Corr. 1A, Eye Irrit. 2; H290 H314 H319			
147170-44-3	1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-(C8-18(even numbered) and C18 unsaturated acyl) derivs., hydroxides, inner salts			2,8 - 3,5 %
	931-333-8		01-2119489410-39	
	Eye Dam. 1, Aquatic Chronic 3; H318 H412			
68515-73-1	D-Glucopyranose, oligomers, decyl octyl glycosides			0,8 - 1,3 %
	500-220-1		01-2119488530-36	
	Eye Dam. 1; H318			
64-02-8	tetrasodium ethylene diamine tetraacetate			05 - 1,5 %
	200-573-9	607-428-00-2	01-2119486762-27	
	Acute Tox. 4, Acute Tox. 4, Eye Dam. 1, STOT RE 2; H332 H302 H318 H373			

Full text of H and EUH statements: see section 16.

Safety Data Sheet

according to Regulation (EC) No 1907/2006

235(E) SSC (Bulk)

Revision date: 22.06.2021

Page 3 of 15

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; caustic soda	1 - 5 %
		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	
147170-44-3	931-333-8	1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-(C8-18(even numbered) and C18 unsaturated acyl) derivs., hydroxides, inner salts	2,8 - 3,5 %
		dermal: LD50 = > 2000 mg/kg; oral: LD50 = >2000 mg/kg Eye Dam. 1; H318: >= 10,1 - 100 Eye Irrit. 2; H319: >= 1 - < 10,1	
68515-73-1	500-220-1	D-Glucopyranose, oligomers, decyl octyl glycosides	0,8 - 1,3 %
		dermal: LD50 = > 2000 mg/kg; oral: LD50 = > 2000 mg/kg	
64-02-8	200-573-9	tetrasodium ethylene diamine tetraacetate	05 - 1,5 %
		inhalation: ATE = 11 mg/l (vapours); inhalation: ATE = 1,5 mg/l (dusts or mists); oral: LD50 = > 1780 - < 2000 mg/kg	

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

< 5 % amphoteric surfactants, < 5 % non-ionic surfactants.

Further Information

No information available.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

Immediately remove any contaminated clothing, shoes or stockings. In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

After inhalation

Remove casualty to fresh air and keep warm and at rest. If breathing is irregular or stopped, administer artificial respiration. Call a doctor.

After contact with skin

After contact with skin, wash immediately with plenty of water and soap. In case of skin irritation, consult a physician.

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

Do NOT induce vomiting.
Immediately call a doctor.

4.2. Most important symptoms and effects, both acute and delayed

Causes severe skin burns and eye damage.

4.3. Indication of any immediate medical attention and special treatment needed

First Aid, decontamination, treatment of symptoms.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Safety Data Sheet

according to Regulation (EC) No 1907/2006

235(E) SSC (Bulk)

Revision date: 22.06.2021

Page 4 of 15

Suitable extinguishing media

- Dry extinguishing powder.
- Carbon dioxide (CO₂).
- alcohol resistant foam.
- Water spray jet

Unsuitable extinguishing media

Full water jet

5.2. Special hazards arising from the substance or mixture

No information available.

5.3. Advice for firefighters

Special protective equipment for firefighters Protective clothing.
In case of fire: Wear self-contained breathing apparatus.

Additional information

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.
Safe handling: see section 7
Personal protection equipment: see section 8

6.2. Environmental precautions

Do not allow to enter into surface water or drains. Cover drains.

6.3. Methods and material for containment and cleaning up

For containment

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

See section 8. Wear personal protection equipment (refer to section 8).

Advice on protection against fire and explosion

No special measures are necessary.

Advice on general occupational hygiene

Only wear fitting, comfortable and clean protective clothing. Avoid contact with skin, eyes and clothes. Wash hands and face before breaks and after work and take a shower if necessary.
When using do not eat, drink or smoke.

Further information on handling

Keep container tightly closed and dry.

Safety Data Sheet

according to Regulation (EC) No 1907/2006

235(E) SSC (Bulk)

Revision date: 22.06.2021

Page 5 of 15

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Store in a cool dry place. Keep container tightly closed.

Keep/Store only in original container.

Protect from direct sunlight.

Protect against: Frost

7.3. Specific end use(s)

No information available.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational exposure limits

CAS No	Substance	ppm	mg/m ³	fib/cm ³	Category	Origin
1310-73-2	Sodium hydroxide	-	2		STEL (15 min)	

Safety Data Sheet

according to Regulation (EC) No 1907/2006

235(E) SSC (Bulk)

Revision date: 22.06.2021

Page 6 of 15

DNEL/DMEL values

CAS No	Substance	Exposure route	Effect	Value
1310-73-2	Sodium hydroxide; caustic soda			
Worker DNEL, long-term		inhalation	local	1 mg/m ³
Consumer DNEL, long-term		inhalation	local	1 mg/m ³
147170-44-3	1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-(C8-18(even numbered) and C18 unsaturated acyl) derivs., hydroxides, inner salts			
Consumer DNEL, long-term		inhalation	systemic	13,04 mg/m ³
Consumer DNEL, long-term		dermal	systemic	7,5 mg/kg bw/day
Consumer DNEL, long-term		oral	systemic	7,5 mg/kg bw/day
Worker DNEL, long-term		inhalation	systemic	44 mg/m ³
Worker DNEL, long-term		dermal	systemic	12,5 mg/kg bw/day
68515-73-1	D-Glucopyranose, oligomers, decyl octyl glycosides			
Worker DNEL, long-term		inhalation	systemic	420 mg/m ³
Worker DNEL, long-term		dermal	systemic	595000 mg/kg bw/day
Consumer DNEL, long-term		inhalation	systemic	124 mg/m ³
Consumer DNEL, long-term		dermal	systemic	357000 mg/kg bw/day
Consumer DNEL, long-term		oral	systemic	35,7 mg/kg bw/day
64-02-8	tetrasodium ethylene diamine tetraacetate			
Worker DNEL, long-term		inhalation	systemic	1,5 mg/m ³
Worker DNEL, long-term		inhalation	local	1,5 mg/m ³
Worker DNEL, acute		inhalation	systemic	3 mg/m ³
Worker DNEL, acute		inhalation	local	3 mg/m ³
Consumer DNEL, long-term		inhalation	local	0,6 mg/m ³
Consumer DNEL, acute		inhalation	local	1,2 mg/m ³
Consumer DNEL, long-term		oral	systemic	25 mg/kg bw/day

Safety Data Sheet

according to Regulation (EC) No 1907/2006

235(E) SSC (Bulk)

Revision date: 22.06.2021

Page 7 of 15

PNEC values

CAS No	Substance	
	Environmental compartment	Value
147170-44-3	1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-(C8-18(even numbered) and C18 unsaturated acyl) derivs., hydroxides, inner salts	
	Freshwater	0,0135 mg/l
	Marine water	0,0014 mg/l
	Freshwater sediment	1 mg/kg
	Marine sediment	0,1 mg/kg
	Micro-organisms in sewage treatment plants (STP)	3000 mg/l
	Soil	0,8 mg/kg
68515-73-1	D-Glucopyranose, oligomers, decyl octyl glycosides	
	Freshwater	0,176 mg/l
	Freshwater (intermittent releases)	0,27 mg/l
	Marine water	0,018 mg/l
	Freshwater sediment	1,516 mg/kg
	Marine sediment	0,152 mg/kg
	Secondary poisoning	111,11 mg/kg
	Micro-organisms in sewage treatment plants (STP)	560 mg/l
	Soil	0,654 mg/kg
64-02-8	tetrasodium ethylene diamine tetraacetate	
	Freshwater	2,83 mg/l
	Freshwater (intermittent releases)	1,2 mg/l
	Marine water	0,283 mg/l
	Micro-organisms in sewage treatment plants (STP)	50 mg/l
	Soil	1,1 mg/kg

8.2. Exposure controls

Appropriate engineering controls

Provide adequate ventilation as well as local exhaust at critical locations.

Individual protection measures, such as personal protective equipment

Eye/face protection

Suitable eye protection:

Eye glasses with side protection
goggles

Hand protection

Tested protective gloves must be worn: EN ISO 374

NBR (Nitrile rubber), Butyl caoutchouc (butyl rubber)

Thickness of the glove material $\geq 0,4$ mm

Breakthrough times and swelling properties of the material must be taken into consideration.

For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

Safety Data Sheet

according to Regulation (EC) No 1907/2006

235(E) SSC (Bulk)

Revision date: 22.06.2021

Page 8 of 15

Wearing time with occasional contact (splashes): max. 480 min. (NBR (Nitrile rubber))

Wearing time with permanent contact 240 - 480 min (NBR (Nitrile rubber))

Observe the wear time limits as specified by the manufacturer.

Skin protection

Protective clothing, Rubber boots, Apron

Respiratory protection

If technical exhaust or ventilation measures are not possible or insufficient, respiratory protection must be worn.

Filtering device (full mask or mouthpiece) with filter: A-P2

Environmental exposure controls

No special measures are necessary.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state: Liquid
Colour: yellow

Test method

Changes in the physical state

Melting point/freezing point:	No data available
Boiling point or initial boiling point and boiling range:	100 °C
Sublimation point:	No data available
Softening point:	No data available
Pour point:	No data available
Flash point:	not applicable

Flammability

Solid/liquid:	No data available
Gas:	No data available

Explosive properties

not explosive according to EU A.14

Lower explosion limits:	No data available
Upper explosion limits:	No data available
Auto-ignition temperature:	No data available

Self-ignition temperature

Solid:	No data available
Gas:	No data available

Decomposition temperature:	No data available
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pH-Value:	13,6
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Viscosity / dynamic: (at 25 °C)	<50 mPa·s
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Water solubility:	completely miscible
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Safety Data Sheet

according to Regulation (EC) No 1907/2006

235(E) SSC (Bulk)

Revision date: 22.06.2021

Page 9 of 15

Solubility in other solvents

No information available.

Partition coefficient n-octanol/water:

>1

Vapour pressure:

No data available

(at 20 °C)

Density (at 20 °C):

1,06 g/cm³

Relative vapour density:

>1 (air = 1)

9.2. Other information

Information with regard to physical hazard classes

Oxidizing properties

No information available.

Other safety characteristics

Evaporation rate:

<1 (Ether = 1)

Further Information

No information available.

SECTION 10: Stability and reactivity

10.1. Reactivity

The product is stable under storage at normal ambient temperatures.

10.2. Chemical stability

The substance is chemically stable under recommended conditions of storage, use and temperature.

10.3. Possibility of hazardous reactions

This material is considered to be non-reactive under normal use conditions.

10.4. Conditions to avoid

No information available.

10.5. Incompatible materials

Oxidising agent, strong; Aluminium; Zinc

10.6. Hazardous decomposition products

Nitrogen oxides (NOx), Carbon dioxide (CO₂), Carbon monoxide

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.

Safety Data Sheet

according to Regulation (EC) No 1907/2006

235(E) SSC (Bulk)

Revision date: 22.06.2021

Page 10 of 15

CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
147170-44-3	1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-(C8-18(even numbered) and C18 unsaturated acyl) derivs., hydroxides, inner salts				
	oral	LD50 >2000 mg/kg	Rat		OECD 401
	dermal	LD50 > 2000 mg/kg	Rat	Study report (1987)	OECD Guideline 402
68515-73-1	D-Glucopyranose, oligomers, decyl octyl glycosides				
	oral	LD50 > 2000 mg/kg	Rat	Study report (2004)	OECD Guideline 423
	dermal	LD50 > 2000 mg/kg	Rabbit	Study report (1987)	OECD Guideline 402
64-02-8	tetrasodium ethylene diamine tetraacetate				
	oral	LD50 > 1780 - < 2000 mg/kg	Rat	Study report (1983)	OECD Guideline 401
	inhalation vapour	ATE 11 mg/l			
	inhalation dust/mist	ATE 1,5 mg/l			

Irritation and corrosivity

Causes severe skin burns and eye damage.
Causes serious eye damage.

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 data available

SECTION 12: Ecological information

12.1. Toxicity

Safety Data Sheet

according to Regulation (EC) No 1907/2006

235(E) SSC (Bulk)

Revision date: 22.06.2021

Page 11 of 15

CAS No	Chemical name					
	Aquatic toxicity	Dose	[h] [d]	Species	Source	Method
1310-73-2	Sodium hydroxide; caustic soda					
	Acute fish toxicity	LC50 125 mg/l	96 h	Gambusia affinis (Mosquito fish)		
	Acute crustacea toxicity	EC50 mg/l 40,4	48 h	Ceriodaphnia sp.	Ecotoxicology and Environmental Safety,4	other: acute 48-h immobilization test ac
	Acute bacteria toxicity	(EC50 22 mg/l)		Photobacterium phosphoreum		
147170-44-3	1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-(C8-18(even numbered) and C18 unsaturated acyl) derivs., hydroxides, inner salts					
	Acute fish toxicity	LC50 2 mg/l	96 h	Pimephales promelas	Study report (1993)	OECD Guideline 203
	Acute algae toxicity	ErC50 11 mg/l	72 h	Pseudokirchneriella subcapitata	Study report (1991)	OECD Guideline 201
	Acute crustacea toxicity	EC50 4 mg/l	48 h	Daphnia magna (Big water flea)	Study report (2008)	OECD 202
	Fish toxicity	NOEC mg/l 0,135	37 d	Oncorhynchus mykiss	Study report (2008)	OECD Guideline 210
	Crustacea toxicity	NOEC mg/l 0,32	21 d	Daphnia magna	Study report (1990)	OECD Guideline 211
	Acute bacteria toxicity	(EC50 mg/l) >6000				ISO 10712
68515-73-1	D-Glucopyranose, oligomers, decyl octyl glycosides					
	Acute fish toxicity	LC50 mg/l 100,81	96 h	Danio rerio	Study report (1993)	ISO 7346/1-3
	Acute algae toxicity	ErC50 mg/l 27,22	72 h	Desmodesmus subspicatus	Study report (1994)	other: DIN 38412, part 9
	Acute crustacea toxicity	EC50 mg/l > 100	48 h	Daphnia magna	Study report (1992)	OECD Guideline 202
	Fish toxicity	NOEC 1,8 mg/l	28 d	Danio rerio	Study report (1995)	OECD Guideline 204
	Crustacea toxicity	NOEC 2 mg/l	21 d	Daphnia magna	Study report (1995)	other: OECD Guideline 202 Part II
64-02-8	tetrasodium ethylene diamine tetraacetate					
	Acute fish toxicity	LC50 mg/l > 100	96 h	Oncorhynchus mykiss	REACH Registration Dossier	OECD Guideline 203
	Acute algae toxicity	ErC50 mg/l > 60	72 h	Raphidocelis subcapitata	REACH Registration Dossier	OECD Guideline 201
	Acute crustacea toxicity	EC50 140 mg/l	48 h	Daphnia magna	REACH Registration Dossier	other: DIN 38412, part 11

Safety Data Sheet

according to Regulation (EC) No 1907/2006

235(E) SSC (Bulk)

Revision date: 22.06.2021

Page 12 of 15

	Fish toxicity	NOEC mg/l	>= 35,1	35 d	Danio rerio	REACH Registration Dossier	OECD Guideline 210
	Crustacea toxicity	NOEC	25 mg/l	21 d	Daphnia magna	REACH Registration Dossier	other: EEC Guideline XI/681/86, Draft 4:

12.2. Persistence and degradability

No information available.

CAS No	Chemical name			
	Method	Value	d	Source
	Evaluation			
147170-44-3	1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-(C8-18(even numbered) and C18 unsaturated acyl) derivs., hydroxides, inner salts			
		>87%	28	
	Readily biodegradable (according to OECD criteria).			

12.3. Bioaccumulative potential

Partition coefficient n-octanol/water

CAS No	Chemical name	Log Pow
147170-44-3	1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-(C8-18(even numbered) and C18 unsaturated acyl) derivs., hydroxides, inner salts	4,44
68515-73-1	D-Glucopyranose, oligomers, decyl octyl glycosides	1,72
64-02-8	tetrasodium ethylene diamine tetraacetate	-13,17

BCF

CAS No	Chemical name	BCF	Species	Source
147170-44-3	1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-(C8-18(even numbered) and C18 unsaturated acyl) derivs., hydroxides, inner salts	3	fish	Environ Toxicol Chem
64-02-8	tetrasodium ethylene diamine tetraacetate	ca. 1,8	Lepomis macrochirus	REACH Registration D

12.4. Mobility in soil

No information available.

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 substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

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.

No information available.

12.7. Other adverse effects

No information available.

SECTION 13: Disposal considerations

Safety Data Sheet

according to Regulation (EC) No 1907/2006

235(E) SSC (Bulk)

Revision date: 22.06.2021

Page 13 of 15

13.1. Waste treatment methods

Disposal recommendations

Dispose of waste according to applicable legislation.

Contaminated packaging

Dispose of waste according to applicable legislation.

SECTION 14: Transport information

Land transport (ADR/RID)

14.1. UN number or ID number:	UN 1824
14.2. UN proper shipping name:	SODIUM HYDROXIDE SOLUTION
14.3. Transport hazard class(es):	8
14.4. Packing group:	II
Hazard label:	8
Classification code:	C5
Limited quantity:	1 L
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 1824
14.2. UN proper shipping name:	SODIUM HYDROXIDE SOLUTION
14.3. Transport hazard class(es):	8
14.4. Packing group:	II
Hazard label:	8
Classification code:	C5
Limited quantity:	1 L
Excepted quantity:	E2

Marine transport (IMDG)

14.1. UN number or ID number:	UN 1824
14.2. UN proper shipping name:	SODIUM HYDROXIDE SOLUTION
14.3. Transport hazard class(es):	8
14.4. Packing group:	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)

14.1. UN number or ID number:	UN 1824
14.2. UN proper shipping name:	SODIUM HYDROXIDE SOLUTION
14.3. Transport hazard class(es):	8
14.4. Packing group:	II
Hazard label:	8
Special Provisions:	A3 A803

Safety Data Sheet

according to Regulation (EC) No 1907/2006

235(E) SSC (Bulk)

Revision date: 22.06.2021

Page 14 of 15

Limited quantity Passenger:	0.5 L
Passenger LQ:	Y840
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

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: No

14.6. Special precautions for user

No information available.

14.7. Maritime transport in bulk according to IMO instruments

No information available.

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

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): 1 - slightly hazardous to water

15.2. Chemical safety assessment

For the following substances of this mixture a chemical safety assessment has been carried out:

Sodium hydroxide; caustic soda

1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-(C8-18(even numbered) and C18 unsaturated acyl) derivs., hydroxides, inner salts

D-Glucopyranose, oligomers, decyl octyl glycosides

tetrasodium ethylene diamine tetraacetate

SECTION 16: Other information

Changes

This data sheet contains changes from the previous version in section(s): 2,5,6,9,11,12,14.

Abbreviations and acronyms

ADR: Accord européen sur le transport des marchandises dangereuses par Route

(European Agreement concerning the International Carriage of Dangerous Goods by Road)

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer

(Regulations Concerning the International Transport of Dangerous Goods by Rail)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)

ICAO: International Civil Aviation Organization

ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO)

CAS: Chemical Abstracts Service (division of the American Chemical Society)

Safety Data Sheet

according to Regulation (EC) No 1907/2006

235(E) SSC (Bulk)

Revision date: 22.06.2021

Page 15 of 15

GHS: Globally Harmonized System of Classification and Labelling of Chemicals
CLP: Regulation on Classification, Labelling and Packaging of Substances and Mixtures,
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
EC50: Effectice concentration, 50 percent
DNEL: Derived No Effect Level
PNEC: Predicted No Effect Concentration
PBT: Persistent, Bioaccumulative and Toxic
vPvB: very Persistent and very Bioaccumulative

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

Classification	Classification procedure
Skin Corr. 1; H314	On basis of test data
Eye Dam. 1; H318	On basis of test data

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.
H332	Harmful if inhaled.
H373	May cause damage to organs through prolonged or repeated exposure.
H412	Harmful to aquatic life with long lasting effects.

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