

Safety Data Sheet

according to Regulation (EC) No 1907/2006

801(E) Industrial & Marine Solvent

Revision date: 27.06.2022

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

1.1. Product identifier

801(E) Industrial & Marine Solvent

UFI: UNJD-AYF8-D38X-86PK

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

Use of the substance/mixture

Water based cleaner. Non flammable.

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

D-Glucopyranose, oligomers, decyl octyl glycosides

Sodium hydroxide; caustic soda

D-Glucopyranose, oligomeric, C10-16-alkyl glycosides

Signal word: Danger

Pictograms:



Hazard statements

H314 Causes severe skin burns and eye damage.

Precautionary statements

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

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P264	Wash hands thoroughly after handling.
P280	Wear protective gloves/protective clothing/eye protection/face protection/hearing 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.

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)	
7320-34-5	Tetrapotassium pyrophosphate	5-10 %
	230-785-7	01-2119489369-18
	Eye Irrit. 2; H319	
68515-73-1	D-Glucopyranose, oligomers, decyl octyl glycosides	1-5 %
	500-220-1	01-2119488530-36
	Eye Dam. 1; H318	
1310-73-2	Sodium hydroxide; caustic soda	0,5-2 %
	215-185-5	011-002-00-6
	01-2119457892-27	
	Met. Corr. 1, Skin Corr. 1A; H290 H314	
34590-94-8	(2-methoxymethylethoxy)propanol	1-5 %
	252-104-2	01-2119450011-60
110615-47-9	D-Glucopyranose, oligomeric, C10-16-alkyl glycosides	1-5 %
	600-975-8	01-2119489418-23
	Skin Irrit. 2, Eye Dam. 1; H315 H318	
5131-66-8	3-butoxypropan-2-ol; propylene glycol monobutyl ether	1-5 %
	225-878-4	603-052-00-8
	01-2119475527-28	
	Skin Irrit. 2, Eye Irrit. 2; H315 H319	

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

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Specific Conc. Limits, M-factors and ATE

CAS No	EC No	Chemical name	Quantity
		Specific Conc. Limits, M-factors and ATE	
7320-34-5	230-785-7	Tetrapotassium pyrophosphate	5-10 % %
		inhalation: LC50 = > 1,1 mg/l (dusts or mists); dermal: LD50 = > 2000 mg/kg; oral: LD50 = > 300 - < 2000 mg/kg	
68515-73-1	500-220-1	D-Glucopyranose, oligomers, decyl octyl glycosides	1-5 % %
		dermal: LD50 = > 2000 mg/kg; oral: LD50 = > 2000 mg/kg	
1310-73-2	215-185-5	Sodium hydroxide; caustic soda	0,5-2 % %
		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	
34590-94-8	252-104-2	(2-methoxymethylethoxy)propanol	1-5 % %
		dermal: LD50 = 9510 mg/kg; oral: LD50 = > 5000 mg/kg	
110615-47-9	600-975-8	D-Glucopyranose, oligomeric, C10-16-alkyl glycosides	1-5 % %
		dermal: LD50 = > 2000 mg/kg; oral: LD50 = > 5000 mg/kg	
5131-66-8	225-878-4	3-butoxypropan-2-ol; propylene glycol monobutyl ether	1-5 % %
		dermal: LD50 = > 2000 mg/kg; oral: LD50 = 3300 mg/kg	

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

5 % - < 15 % phosphates, 5 % - < 15 % 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. Wash contaminated clothing before reuse. Call a doctor.

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

Do NOT induce vomiting.
Immediately call a doctor.

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

No data available

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

First Aid, decontamination, treatment of symptoms.

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SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

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

Unsuitable extinguishing media

Full water jet

5.2. Special hazards arising from the substance or mixture

No information available.

5.3. Advice for firefighters

Co-ordinate fire-fighting measures to the fire surroundings.
In case of fire: Wear self-contained breathing apparatus.
Special protective equipment for firefighters: Protective clothing.

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).
Take off immediately all contaminated clothing and wash it before reuse.

Advice on protection against fire and explosion

No special measures are necessary.

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Advice on general occupational hygiene

Avoid contact with skin, eyes and clothes. Use protective skin cream before handling the product. Remove contaminated, saturated clothing immediately. When using do not eat, drink, smoke, sniff. Wash hands and face before breaks and after work and take a shower if necessary.

Further information on handling

Wash hands before breaks and after work. Used working clothes should not be worn outside the work area. Street clothing should be stored separately from work clothing.

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

Hints on joint storage

Keep away from food, drink and animal feedingstuffs.

Further information on storage conditions

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
34590-94-8	(2-Methoxymethylethoxy)-I-propanol	50	308		TWA (8 h)	
1310-73-2	Sodium hydroxide	-	2		STEL (15 min)	

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DNEL/DMEL values

CAS No	Substance	Exposure route	Effect	Value
7320-34-5	Tetrapotassium pyrophosphate			
Worker DNEL, long-term		inhalation	systemic	17,63 mg/m ³
Consumer DNEL, long-term		inhalation	systemic	4,35 mg/m ³
Consumer DNEL,		oral		70 mg/kg bw/day
Worker DNEL,		inhalation		2,79 mg/m ³
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
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
34590-94-8	(2-methoxymethylethoxy)propanol			
Worker DNEL, long-term		inhalation	systemic	308 mg/m ³
Worker DNEL, long-term		dermal	systemic	283 mg/kg bw/day
Consumer DNEL, long-term		inhalation	systemic	37,2 mg/m ³
Consumer DNEL, long-term		dermal	systemic	121 mg/kg bw/day
Consumer DNEL, long-term		oral	systemic	36 mg/kg bw/day
110615-47-9	D-Glucopyranose, oligomeric, C10-16-alkyl 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
5131-66-8	3-butoxypropan-2-ol; propylene glycol monobutyl ether			
Worker DNEL, long-term		dermal	local	50 %
Worker DNEL, acute		dermal	local	50 %
Consumer DNEL, long-term		dermal	local	50 %
Consumer DNEL, acute		dermal	local	50 %
Worker DNEL, long-term		inhalation	systemic	147 mg/m ³

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Worker DNEL, long-term	dermal	systemic	52 mg/kg bw/day
Consumer DNEL, long-term	inhalation	systemic	43 mg/m ³
Consumer DNEL, long-term	dermal	systemic	22 mg/kg bw/day
Consumer DNEL, long-term	oral	systemic	12,5 mg/kg bw/day

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PNEC values

CAS No	Substance	
	Environmental compartment	Value
7320-34-5	Tetrapotassium pyrophosphate	
	Freshwater	0,05 mg/l
	Freshwater (intermittent releases)	0,5 mg/l
	Marine water	0,005 mg/l
	Micro-organisms in sewage treatment plants (STP)	50 mg/l
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
34590-94-8	(2-methoxymethylethoxy)propanol	
	Freshwater	19 mg/l
	Freshwater (intermittent releases)	190 mg/l
	Marine water	1,9 mg/l
	Freshwater sediment	70,2 mg/kg
	Marine sediment	7,02 mg/kg
	Micro-organisms in sewage treatment plants (STP)	4168 mg/l
	Soil	2,74 mg/kg
110615-47-9	D-Glucopyranose, oligomeric, C10-16-alkyl glycosides	
	Freshwater	0,176 mg/l
	Freshwater (intermittent releases)	0,029 mg/l
	Marine water	0,018 mg/l
	Freshwater sediment	1,516 mg/kg
	Marine sediment	0,065 mg/kg
	Secondary poisoning	111,11 mg/kg
	Micro-organisms in sewage treatment plants (STP)	5000 mg/l
	Soil	0,654 mg/kg
5131-66-8	3-butoxypropan-2-ol; propylene glycol monobutyl ether	
	Freshwater	0,525 mg/l
	Freshwater (intermittent releases)	5,25 mg/l
	Marine water	0,052 mg/l
	Freshwater sediment	2,36 mg/kg

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Marine sediment	0,236 mg/kg
Micro-organisms in sewage treatment plants (STP)	10 mg/l
Soil	0,16 mg/kg

8.2. Exposure controls

Appropriate engineering controls

- Provide adequate ventilation as well as local exhaust at critical locations.
- Provide adequate ventilation. If handled uncovered, arrangements with local exhaust ventilation should be used if possible.

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),
- Wearing time with permanent contact: Thickness of the glove material: $\geq 0,4$ mm, Breakthrough time: >480 min
- Wearing time with occasional contact (splashes): Thickness of the glove material: $\geq 0,1$ mm, Breakthrough time: > 30 min
- 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.
- Breakthrough times and swelling properties of the material must be taken into consideration.

Skin protection

- For the protection against direct skin contact, body protective clothing is essential (in addition to the usual working clothes).
 - Protective clothing,
 - Rubber boots,
 - Apron

Respiratory protection

- Usually no personal respiratory protection necessary.
- 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

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

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state: Liquid
 Colour: red

Test method

Changes in the physical state

Melting point/freezing point: 0 °C

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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

pH-Value: 13

Viscosity / dynamic:
(at 25 °C) 2 mPa·s

Water solubility: completely miscible

Solubility in other solvents

No information available.

Partition coefficient n-octanol/water: >1

Vapour pressure:
(at 20 °C) No data available

Density (at 20 °C): 1,078 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.

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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 (NO_x), 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.

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CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
7320-34-5	Tetrapotassium pyrophosphate				
	oral	LD50 > 300 - < 2000 mg/kg	Rat	Study report (2010)	OECD Guideline 420
	dermal	LD50 > 2000 mg/kg	Rabbit	Study report (1988)	other: FMC Non-Definitive Dermal Toxicit
	inhalation (4 h) dust/mist	LC50 > 1,1 mg/l	Rat	Study report (1993)	other: FMC Acute Inhalation Toxicity Pro
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
34590-94-8	(2-methoxymethylethoxy)propanol				
	oral	LD50 > 5000 mg/kg	Rat	Study report (1979)	OECD Guideline 401
	dermal	LD50 9510 mg/kg	Rabbit	Published in Am Ind Hyg Assoc J. 23: 95-	OECD Guideline 402
110615-47-9	D-Glucopyranose, oligomeric, C10-16-alkyl glycosides				
	oral	LD50 > 5000 mg/kg	Rat	Study report (1990)	OECD Guideline 401
	dermal	LD50 > 2000 mg/kg	Rabbit	Study report (1989)	OECD Guideline 402
5131-66-8	3-butoxypropan-2-ol; propylene glycol monobutyl ether				
	oral	LD50 3300 mg/kg	Rat	Study report (1987)	OECD Guideline 401
	dermal	LD50 > 2000 mg/kg	Rat	Study report (1987)	OECD Guideline 402

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

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Endocrine disrupting properties

No data available

SECTION 12: Ecological information

12.1. Toxicity

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CAS No	Chemical name					
	Aquatic toxicity	Dose	[h] [d]	Species	Source	Method
7320-34-5	Tetrapotassium pyrophosphate					
	Acute fish toxicity	LC50 > 100 mg/l	96 h	Oncorhynchus mykiss	REACH Registration Dossier	OECD Guideline 203
	Acute algae toxicity	ErC50 > 100 mg/l	72 h	Desmodesmus subspicatus	REACH Registration Dossier	EU Method C.3
	Acute crustacea toxicity	EC50 > 100 mg/l	48 h	Daphnia magna	REACH Registration Dossier	EPA OTS 797.1300
	Algae toxicity	NOEC >100 mg/l	3 d			
	Acute bacteria toxicity	(EC50 > 1000 mg/l)	3 h	activated sludge of a predominantly domestic sewage	REACH Registration Dossier	OECD Guideline 209
68515-73-1	D-Glucopyranose, oligomers, decyl octyl glycosides					
	Acute fish toxicity	LC50 100,81 mg/l	96 h	Danio rerio	Study report (1993)	ISO 7346/1-3
	Acute algae toxicity	ErC50 27,22 mg/l	72 h	Desmodesmus subspicatus	Study report (1994)	other: DIN 38412, part 9
	Acute crustacea toxicity	EC50 > 100 mg/l	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
1310-73-2	Sodium hydroxide; caustic soda					
	Acute fish toxicity	LC50 125 mg/l	96 h	Gambusia affinis (Mosquito fish)		
	Acute crustacea toxicity	EC50 40,4 mg/l	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		
34590-94-8	(2-methoxymethylethoxy)propanol					
	Acute fish toxicity	LC50 > 1000 mg/l	96 h	Poecilia reticulata	Study report (1990)	OECD Guideline 203
	Acute algae toxicity	ErC50 > 969 mg/l	72 h	Raphidocelis subcapitata	Study report (2001)	OECD Guideline 201
	Acute crustacea toxicity	EC50 1919 mg/l	48 h	Daphnia magna	Study report (1979)	OECD Guideline 202
	Crustacea toxicity	NOEC >= 0,5 mg/l	22 d	Daphnia magna	Study report (1995)	OECD Guideline 211
110615-47-9	D-Glucopyranose, oligomeric, C10-16-alkyl glycosides					

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	Acute fish toxicity	LC50 mg/l	2,95	96 h	Danio rerio	Study report (1995)	other: Annex of 92/69/EWG
	Acute algae toxicity	ErC50 mg/l	12,5	72 h	Desmodesmus subspicatus	Study report (1995)	other: Annex of 92/69/EWG
	Acute crustacea toxicity	EC50	7 mg/l	48 h	Daphnia magna	Study report (1995)	other: Annex of 92/69/EWG
	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
5131-66-8	3-butoxypropan-2-ol; propylene glycol monobutyl ether						
	Acute fish toxicity	LC50 1000 mg/l	> 560 - <	96 h	Poecilia reticulata	Study report (1987)	OECD Guideline 203
	Acute algae toxicity	ErC50 mg/l	> 1000	96 h	Raphidocelis subcapitata	Study report (1987)	Method: other: No specific guidance cite
	Acute crustacea toxicity	EC50 mg/l	> 1000	48 h	Daphnia magna	Study report (1987)	OECD Guideline 202
	Acute bacteria toxicity	(EC50 mg/l)	> 1000	3 h	activated sludge of a predominantly domestic sewage	Study report (2009)	OECD Guideline 209

12.2. Persistence and degradability

No information available.

CAS No	Chemical name			
	Method	Value	d	Source
	Evaluation			
34590-94-8	(2-methoxymethylethoxy)propanol			
	OECD 301F	76%	28	
110615-47-9	D-Glucopyranose, oligomeric, C10-16-alkyl glycosides			
	OECD 301D	88%	28	
	Readily biodegradable (according to OECD criteria).			
5131-66-8	3-butoxypropan-2-ol; propylene glycol monobutyl ether			
	OECD 301E	90%	28	

12.3. Bioaccumulative potential

Partition coefficient n-octanol/water

CAS No	Chemical name	Log Pow
7320-34-5	Tetrapotassium pyrophosphate	-2
68515-73-1	D-Glucopyranose, oligomers, decyl octyl glycosides	1,72
34590-94-8	(2-methoxymethylethoxy)propanol	0,004
110615-47-9	D-Glucopyranose, oligomeric, C10-16-alkyl glycosides	0
5131-66-8	3-butoxypropan-2-ol; propylene glycol monobutyl ether	1,2

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BCF

CAS No	Chemical name	BCF	Species	Source
5131-66-8	3-butoxypropan-2-ol; propylene glycol monobutyl ether	<100		

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.

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.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal recommendations

Dispose of waste according to applicable legislation.

Contaminated packaging

Non-contaminated packages may be recycled. Packing which cannot be properly cleaned must be disposed of. Dispose of waste according to applicable legislation.

SECTION 14: Transport information

Land transport (ADR/RID)

14.1. UN number or ID number:	UN 1719
14.2. UN proper shipping name:	CAUSTIC ALKALI LIQUID, N.O.S. (Sodium hydroxide; caustic soda)
14.3. Transport hazard class(es):	8
14.4. Packing group:	II
Hazard label:	8
Classification code:	C5
Special Provisions:	274
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 1719
14.2. UN proper shipping name:	CAUSTIC ALKALI LIQUID, N.O.S. (Sodium hydroxide; caustic soda)
14.3. Transport hazard class(es):	8
14.4. Packing group:	II
Hazard label:	8
Classification code:	C5
Special Provisions:	274

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Limited quantity: 1 L
Excepted quantity: E2

Marine transport (IMDG)

14.1. UN number or ID number: UN 1719
14.2. UN proper shipping name: CAUSTIC ALKALI LIQUID, N.O.S. (Sodium hydroxide; caustic soda)
14.3. Transport hazard class(es): 8
14.4. Packing group: II
Hazard label: 8
Special Provisions: 274
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 1719
14.2. UN proper shipping name: CAUSTIC ALKALI LIQUID, N.O.S. (Sodium hydroxide; caustic soda)
14.3. Transport hazard class(es): 8
14.4. Packing group: II
Hazard label: 8
Special Provisions: A3 A803
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

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:

Tetrapotassium pyrophosphate
D-Glucopyranose, oligomers, decyl octyl glycosides

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Sodium hydroxide; caustic soda
 (2-methoxymethylethoxy)propanol
 D-Glucopyranose, oligomeric, C10-16-alkyl glycosides
 3-butoxypropan-2-ol; propylene glycol monobutyl ether

SECTION 16: Other information

Changes

This data sheet contains changes from the previous version in section(s): 2,4,5,6,7,8,9,11,12,13,14.

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)
 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.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.

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