

SAFETY DATA SHEET**HP CLEAN**

The safety data sheet is in accordance with Commission Regulation (EU) 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

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

Date issued 23.09.2008

Revision date 22.06.2021

1.1. Product identifier

Product name HP CLEAN

Synonyms HP7

Article no. T483084 (1 liters), T483094 (5 liters), T483074 (25 liters)

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

Use of the substance / preparation Cleaning agent
Detergent.

1.3. Details of the supplier of the safety data sheet**Downstream user**

Company name Relekta AS

Office address Innspurten 1A

Postal address Postboks 6169 Etterstad

Postcode 0663

City Oslo

Country Norge

Telephone number +47 22 66 04 00

Fax +47 22 66 04 01

Email relekta@relekta.no

Website www.relekta.no

Enterprise No. NO 831 881 372

1.4. Emergency telephone number

Emergency telephone Telephone number: 22 59 13 00
Description: Norwegian Poison Information Center

Telephone number: 112
Description: Sweden: Require Poison Information

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 [CLP / GHS]	Eye Irrit. 2; H319
Substance / mixture hazardous properties	Causes serious eye irritation.

2.2. Label elements

Hazard pictograms (CLP)



Signal word	Warning
Hazard statements	H319 Causes serious eye irritation.
Precautionary statements	P101 If medical advice is needed, have product container or label at hand. P102 Keep out of reach of children. P280 Wear eye protection/face protection. P264 Wash thoroughly after handling. 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.
Detergents	Content according to Regulation (EC) No 648/2004 on detergents: < 5 % phosphates. < 5 % non-ionic surfactants. Perfumes.

2.3. Other hazards

PBT / vPvB	The chemical contains no PBT or vPvB substances.
Health effect	Parts of the chemical might be absorbed through the skin.
Other hazards	No components are listed on ECHAs Endocrine disruptor assessment list.

SECTION 3: Composition / information on ingredients

3.2. Mixtures

Substance	Identification	Classification	Contents	Notes
2-Butoxyethanol	CAS No.: 111-76-2	Acute tox. 4; H302	< 5 %	
	EC No.: 203-905-0	Acute tox. 4; H312		
	REACH Reg. No.:	Acute tox. 4; H332		
	01-2119475108-36	Eye Irrit. 2; H319 Skin Irrit. 2; H315		
Propan-2-ol	CAS No.: 67-63-0	Flam. Liq. 2; H225	< 5 %	

	EC No.: 200-661-7	Eye Irrit. 2; H319	
	REACH Reg. No.: 01-2119457558-25	STOT SE 3; H336	
(C9-C11) Alkyl alcohol ethoxylate	CAS No.: 68439-46-3	Acute tox. 4; H302 Skin Irrit. 2; H315 Eye Dam. 1; H318	< 3 %
Content according to Regulation (EC) No 648/2004 on detergents:			
Phosphates			< 5 %
Non-ionic surfactants			< 5 %
Perfume			
Substance comments	See section 16 for explanation of hazard statements (H) listed above. For substances without REACH registration number, no information has been provided by the subcontractor or manufacturer.		

SECTION 4: First aid measures

4.1. Description of first aid measures

General	Emergency telephone number: see section 1.4. In case of unconsciousness or severe accidents, call 112.
Inhalation	Fresh air and rest. Get medical attention if any discomfort continues.
Skin contact	Remove contaminated clothing. Flush skin thoroughly with water. Get medical attention if any discomfort continues.
Eye contact	Promptly rinse eyes with plenty of water (tempered at 20-30°C) for at least 15 minutes. Remove contact lenses and open eyes wide apart. Contact physician if irritation persists.
Ingestion	Rinse mouth thoroughly. Drink plenty of water. Do not induce vomiting. Get medical attention if any discomfort continues.

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

Acute symptoms and effects	Irritating to eyes and may cause redness and burning. Skin contact: Contains components which may penetrate the skin. The chemical may irritate the stomach/intestines and can cause abdominal pain, nausea, vomiting and diarrhoea. Can cause headache, fatigue, nausea, dizziness and lightheadedness. Solvent vapors may be harmful and overexposure may cause headaches, nausea, vomiting, and intoxication.
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4.3. Indication of any immediate medical attention and special treatment needed

Other information	Treat symptomatically. No specific information from the manufacturer.
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SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	Dry-powder, carbon dioxide (CO ₂), water mist, alcohol resistant foam.
Improper extinguishing media	Do not use water jet.

5.2. Special hazards arising from the substance or mixture

Fire and explosion hazards	The chemical is not classified as flammable.
Hazardous combustion products	May include, but is not limited to: Carbon dioxide (CO ₂). Carbon monoxide (CO).

5.3. Advice for firefighters

Personal protective equipment	Use compressed air equipment when the chemical is involved in fire. In case of evacuation, an approved protection mask should be used. See also section 8.
Other information	Containers close to fire should be removed immediately or cooled with water.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures	Keep away from sources of ignition - No smoking.
Personal protection measures	Use protective equipment as referred to in section 8. Provide adequate ventilation.

6.2. Environmental precautions

Environmental precautionary measures	Do not allow to enter into sewer, water system or soil.
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6.3. Methods and material for containment and cleaning up

Clean up	Absorb in vermiculite, dry sand or earth, and place into containers. Collect in a suitable container and dispose as hazardous waste according to section 13. Wash the contaminated surface with water.
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6.4. Reference to other sections

Other instructions	See also sections 8 and 13.
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SECTION 7: Handling and storage

7.1. Precautions for safe handling

Handling	Observe good chemical hygiene practices. Provide adequate ventilation. Avoid contact with eyes and skin. Use protective equipment as referred to in section 8.
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Protective safety measures

Safety measures to prevent fire	Use only non-sparking tools. Keep away from heat / sparks / open flames / hot surfaces. – No smoking.
Advice on general occupational hygiene	Do not eat, drink or smoke during work. Wash contaminated clothing before reuse. Wash hands at the end of each work shift and before eating, smoking and using the toilet.

7.2. Conditions for safe storage, including any incompatibilities

Storage	Store in tightly closed original container in a dry, cool and well-ventilated place.
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Conditions to avoid	Frost. Protect from sunlight. Avoid heat, flames and other sources of ignition.
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Conditions for safe storage

Packaging compatibilities	Synthetic material. Unsuitable container material: Metal.
Advice on storage compatibility	Keep away from: Metals.
Storage stability	Maximum storage time: 365 days.

7.3. Specific end use(s)

Specific use(s)	See section 1.2.
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SECTION 8: Exposure controls / personal protection

8.1. Control parameters

Substance	Identification	Exposure limits	TWA Year
Norwegian ADN 2-Butoxyethanol	CAS No.: 111-76-2	Limit value (8 h) : 10 ppm Sk Limit value (8 h) : 50 mg/m ³	
Swedish ADN 2-Butoxyethanol	CAS No.: 111-76-2	Limit value (8 h) : 10 ppm Sk Limit value (8 h) : 50 mg/m ³ Limit value (short term) Value: 20 ppm Limit value (short term) Value: 100 mg/m ³ Exposure limit letter Letter code: H	
Propan-2-ol	CAS No.: 67-63-0	Limit value (8 h) : 100 ppm Limit value (8 h) : 245 mg/m ³	
Swedish ADN 2-propanol	CAS No.: 67-63-0	Limit value (8 h) : 150 ppm Limit value (8 h) : 350 mg/m ³ Limit value (short term) Value: 250 ppm Limit value (short term) Value: 600 mg/m ³	
Control parameters comments	<p>Explanation of the notations: H = Can be absorbed through the skin.</p> <p>References (laws/regulations): Norwegian regulation on exposure limits: "FOR-2011-12-06-1358 Forskrift om tiltaksverdier og grenseverdier for fysiske og kjemiske faktorer i arbeidsmiljøet samt smitterisikogrupper for biologiske faktorer (forskrift om tiltaks- og grenseverdier)". Swedish regulation on exposure limits: Arbetsmiljöverkets föreskrifter och allmänna råd om hygieniska gränsvärden, "Hygieniska gränsvärden", AFS 2015:7</p>		

DNEL / PNEC

Substance	2-Butoxyethanol
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DNEL	Group: Consumer Route of exposure: Langsiktig (gjentatt) - Dermal - Systemisk effekt Value: 75 mg/kg bw/d
	Group: Consumer Route of exposure: Langsiktig (gjentatt) - Oral - Systemisk effekt Value: 6,3 mg/kg bw/d
	Group: Professional Route of exposure: Kortsiktig (akutt) - Innånding - Lokal effekt Value: 246 mg/m ³
	Group: Professional Route of exposure: Langsiktig (gjentatt) - Dermal - Systemisk effekt Value: 125 mg/kg bw/d
	Group: Professional Route of exposure: Langsiktig (gjentatt) - Innånding - Systemisk effekt Value: 98 mg/m ³
	Group: Consumer Route of exposure: Kortsiktig (akutt) - Dermal - Systemisk effekt Value: 89 mg/kg bw/d
	Group: Consumer Route of exposure: Kortsiktig (akutt) - Innånding - Systemisk effekt Value: 426 mg/m ³
	Group: Consumer Route of exposure: Kortsiktig (akutt) - Oral - Systemisk effekt Value: 26,7 mg/kg bw/d
	Group: Consumer Route of exposure: Kortsiktig (akutt) - Innånding - Lokal effekt Value: 147 mg/m ³
	Group: Consumer Route of exposure: Langsiktig (gjentatt) - Innånding - Systemisk effekt Value: 59 mg/m ³
	Group: Professional Route of exposure: Kortsiktig (akutt) - Dermal - Systemisk effekt Value: 89 mg/kg bw/d
	Group: Professional Route of exposure: Kortsiktig (akutt) - Innånding - Systemisk effekt Value: 1091 mg/m ³
	PNEC
Route of exposure: Soil Value: 2,33 mg/kg dw	
Route of exposure: Sewage treatment plant STP Value: 463 mg/l	
Route of exposure: Saltwater sediments	

	<p>Value: 3,46 mg/kg dw</p> <p>Route of exposure: Freshwater sediments Value: 34,6 mg/kg dw</p> <p>Route of exposure: Water Value: 9,1 mg/l</p> <p>Route of exposure: Freshwater Value: 8,8 mg/l</p> <p>Route of exposure: Saltwater Value: 0,88 mg/l</p>
Substance	Propan-2-ol
DNEL	<p>Group: Consumer Route of exposure: Langsiktig (gjentatt) - Dermal - Systemisk effekt Value: 319 mg/kg bw/d</p> <p>Group: Consumer Route of exposure: Langsiktig (gjentatt) - Innånding - Systemisk effekt Value: 89 mg/m³</p> <p>Group: Professional Route of exposure: Langsiktig (gjentatt) - Dermal - Systemisk effekt Value: 888 mg/kg bw/d</p> <p>Group: Consumer Route of exposure: Langsiktig (gjentatt) - Oral - Systemisk effekt Value: 26 mg/kg bw/d</p> <p>Group: Professional Route of exposure: Langsiktig (gjentatt) - Innånding - Systemisk effekt Value: 500 mg/m³</p>
PNEC	<p>Route of exposure: Food products Value: 160 mg/kg</p> <p>Route of exposure: Soil Value: 28 mg/kg dw</p> <p>Route of exposure: Freshwater Value: 140,9 mg/l</p> <p>Route of exposure: Freshwater sediments Value: 552 mg/kg dw</p> <p>Route of exposure: Sewage treatment plant STP Value: 2251 mg/l</p> <p>Route of exposure: Saltwater sediments Value: 552 mg/kg dw</p> <p>Route of exposure: Water Value: 140,9 mg/l</p> <p>Route of exposure: Saltwater</p>

Value: 140,9 mg/l

8.2. Exposure controls

Precautionary measures to prevent exposure

Technical measures to prevent exposure	<p>Provide adequate ventilation. The personal protective equipment must be CE-marked and the latest version of the standards shall be used. The protective equipment and the specified standards recommended below are only suggestions, and should be selected on advice from the supplier of such equipment.</p> <p>A risk assessment of the work place/work activities (the actual risk) may lead to other control measures. The protection equipment's suitability and durability will depend on application.</p>
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Eye / face protection

Eye protection equipment	<p>Description: Wear safety goggles or face shield.</p> <p>Reference to relevant standard: EN 166 (Personal eye-protection. Specifications).</p>
Additional eye protection measures	<p>Eye wash facilities shall be available at the work place. Either a fixed eye wash facility connected to the drinking water (preferably warm water) or a portable disposable unit.</p>

Hand protection

Suitable gloves type	Nitrile.
Breakthrough time	Comments: No specific information from the manufacturer.
Thickness of glove material	Comments: No specific information from the manufacturer.
Hand protection equipment	<p>Description: Use protective gloves that are suitable for the application. The recommended material of gloves is recommended after a study of the single components in the chemical. Glove thickness must be chosen in consultation with the glove supplier, who can inform about the breakthrough time for the glove. The gloves abilities may vary among the different glove manufacturers.</p> <p>Reference to relevant standard: EN ISO 374 (Protective gloves against chemicals and micro-organisms). EN 420 (Protective gloves - General requirements and test methods).</p>
Additional hand protection measures	Replace gloves if signs of wear and tear.

Skin protection

Recommended protective clothing	Description: Ordinary workwear.
Additional skin protection measures	Emergency shower should be available at the workplace.

Respiratory protection

Recommended respiratory protection	<p>Description: Normally not required.</p> <p>If there is insufficient ventilation, use a respirator with type A-filter.</p> <p>Reference to relevant standard: EN 14387 (Respiratory protective devices. Gas filter(s) and combined filter(s). Requirements, testing, marking).</p>
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Appropriate environmental exposure control

Environmental exposure controls

Do not allow to enter into sewer, water system or soil.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	Liquid.
Colour	Green.
Odour	Characteristic.
Odour limit	Comments: Not determined.
pH	Status: In delivery state Value: 9,1
Melting point / melting range	Value: 0 °C
Boiling point / boiling range	Value: 76 - 360 °C
Flash point	Comments: Not determined.
Evaporation rate	Value: 1,3 Comments: Butyl acetate = 1
Flammability	Not relevant.
Explosion limit	Value: 0,85 -24,6 vol%
Vapour pressure	Comments: Not determined.
Vapour density	Comments: Not determined.
Relative density	Value: 1,02 Temperature: 20 °C
Density	Value: 1018 kg/m ³ Temperature: 20 °C
Solubility	Medium: Water Comments: Soluble.
Partition coefficient: n-octanol/ water	Comments: Not relevant for a mixture.
Auto-ignition temperature	Value: 200 °C
Decomposition temperature	Comments: Not determined.
Viscosity	Value: 1 mPa.s Temperature: 20 °C Type: Dynamic Value: 1 mm ² /s Temperature: 20 °C Type: Kinematic
Explosive properties	Not classified as an explosive.
Oxidising properties	Not oxidizing.

9.2. Other information

Physical hazards

Content of VOC	Value: 1,78 %
	Value: 18,12 g/l

Other physical and chemical properties

Physical and chemical properties	No further information is available.
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SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity	Keep away from heat / sparks / open flames / hot surfaces. – No smoking.
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10.2. Chemical stability

Stability	Stable under normal temperature conditions and recommended use.
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10.3. Possibility of hazardous reactions

Possibility of hazardous reactions	Arise in contact with incompatible materials (see section 10.5) and/or under inappropriate conditions (see section 10.4).
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10.4. Conditions to avoid

Conditions to avoid	Avoid heat, flames and other sources of ignition. Avoid freezing. Protect from direct sunlight.
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10.5. Incompatible materials

Materials to avoid	Metals.
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10.6. Hazardous decomposition products

Hazardous decomposition products	None under normal conditions. See also section 5.2.
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SECTION 11: Toxicological information

11.1. Information on toxicological effects

Substance	2-Butoxyethanol
Acute toxicity	<p>Type of toxicity: Acute Effect tested: LD50 Route of exposure: Oral Value: 1746 mg/kg Animal test species: Rotte Test reference: OECD 401</p> <p>Type of toxicity: Acute Effect tested: LD50 Route of exposure: Dermal Value: > 2000 mg/kg</p>

	<p>Animal test species: Rotte Test reference: OECD 402</p> <p>Type of toxicity: Acute Effect tested: LC50 Route of exposure: Inhalation. Duration: 4h Value: 450 ppm Animal test species: Rotte Test reference: ~ OECD 403</p>
Substance	Propan-2-ol
Acute toxicity	<p>Type of toxicity: Acute Effect tested: LD50 Route of exposure: Oral Value: 5840 mg/kg Animal test species: Rotte Test reference: ~ OECD 401</p> <p>Type of toxicity: Acute Effect tested: LD50 Route of exposure: Dermal Duration: 24h Value: 16400 ml/kg Animal test species: Kanin Test reference: ~ OECD 402</p> <p>Type of toxicity: Acute Effect tested: LC50 Route of exposure: Inhalation. Duration: 6h Value: > 10000 ppm Animal test species: Rotte Test reference: ~ OECD 403</p>
Other toxicological data	There are stated more test results by the producer. The results are negative except for those tests that support the already given classification of the substances (see section 3).

Other information regarding health hazards

Assessment of acute toxicity, classification	Based on available data, the classification criteria are not met.
Assessment of skin corrosion / irritation, classification	Based on available data, the classification criteria are not met.
Assessment of eye damage or irritation, classification	Irritant to eyes.
Assessment of respiratory sensitisation, classification	Based on available data, the classification criteria are not met.
Assessment of skin sensitisation, classification	Based on available data, the classification criteria are not met.
Assessment of germ cell mutagenicity, classification	Based on available data, the classification criteria are not met.

Assessment of carcinogenicity, classification	Based on available data, the classification criteria are not met.
Assessment of reproductive toxicity, classification	Based on available data, the classification criteria are not met.
Assessment of specific target organ toxicity - single exposure, classification	Based on available data, the classification criteria are not met.
Assessment of specific target organ toxicity - repeated exposure, classification	Based on available data, the classification criteria are not met.
Assessment of aspiration hazard, classification	Based on available data, the classification criteria are not met.

Symptoms of exposure

In case of ingestion	The chemical may irritate the stomach/intestines and can cause abdominal pain, nausea, vomiting and diarrhoea.
In case of skin contact	Parts of the chemical might be absorbed through the skin.
In case of inhalation	Solvent vapors may be harmful and overexposure may cause headaches, nausea, vomiting, and intoxication.
In case of eye contact	Irritating to eyes and may cause redness and burning.

11.2 Other information

Other information	No components are listed on ECHAs Endocrine disruptor assessment list.
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SECTION 12: Ecological information

12.1. Toxicity

Substance	2-Butoxyethanol
Aquatic toxicity, fish	Value: 1474 ppm Test duration: 96h Species: Oncorhynchus mykiss Method: LC50 Test reference: OECD 203 Comments: NOEC (Danio rerio, 21d): > 100 mg/l (OECD 204)
Substance	Propan-2-ol
Aquatic toxicity, fish	Value: 9640 -10000 mg/l Test duration: 96h Species: Pimephales promelas Method: LC50 Test reference: ~ OECD 203
Substance	2-Butoxyethanol
Aquatic toxicity, algae	Value: 911 mg/l Test duration: 72h Species: Pseudokirchneriella subcapitata Method: EC50 Test reference: OECD 201

Substance	Propan-2-ol
Aquatic toxicity, algae	Comments: NOEC (Pseudokirchneriella sub., 72h): 88 mg/l (OECD 201) Value: 1800 mg/l Effect dose concentration: LC0 Test duration: 7 day(s) Species: Scenedesmus quadricauda
Substance	2-Butoxyethanol
Aquatic toxicity, crustacean	Value: 1550 mg/l Test duration: 48h Species: Daphnia magna Method: EC50 Test reference: OECD 202 Comments: NOEC (Daphnia magna, 21d): 100 mg/l (OECD 211)
Substance	Propan-2-ol
Aquatic toxicity, crustacean	Value: > 10000 mg/l Effect dose concentration: LC50 Test duration: 48h Species: Daphnia magna Method: ~ OECD 202 Comments: NOEC 2344 µmol/l dager 16 mg/l Daphnia magna.
Ecotoxicity	The chemical is not classified as harmful to the environment. Additional test data is available from the supplier/manufacturer.

12.2. Persistence and degradability

Persistence and degradability description/evaluation	The surfactant/surfactants contained in this preparation meet the criteria for biodegradation of Regulation (EC) no. 648/2004 on detergents.
Substance	2-Butoxyethanol
Biodegradability	Value: 90,4 % Method: OECD 301B: CO2 Evolution Test Test period: 28d
Substance	Propan-2-ol
Biodegradability	Value: 95 % Method: OECD 301E: Modified OECD Screening Test Test period: 21d
Substance	2-Butoxyethanol
Photolysis	Type: DT50air Method: OH-radikalier: 1500000 /cm ³ (AOPWIN v1.90) Comments: Verdi: 5,46h

12.3. Bioaccumulative potential

Bioaccumulation, comments	The chemical does not contain any substances that are considered bioaccumulative. Log Kow: 0,81 @ 25°C. Applies to CAS-nr.: 111-76-2. Log Kow: 3,3 - 3,73. Applies to CAS-nr.: 68439-46-3.
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12.4. Mobility in soil

Mobility	Soluble in water.
Substance	2-Butoxyethanol
Henry's constant	Value: 0,041 Comments: atm m ³ /mol (20°C)

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment	The chemical contains no PBT or vPvB substances.
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12.6. Endocrine disrupting properties

Endocrine disrupting properties	No components are listed on ECHAs Endocrine disruptor assessment list.
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12.7. Other adverse effects

Ozone depletion potential	Comments: The chemical contains no substances classified as hazardous to the ozone layer.
Additional ecological information	The chemical contains no substances which are known to contribute to the greenhouse effect. Do not allow to enter into sewer, water system or soil.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Appropriate methods of disposal for the chemical	Disposed of as hazardous waste by approved contractor. The waste code (EWC-Code) is intended as a guide. The code must be chosen by the user, if the use differs from the one mentioned below.
EWC waste code	EWC waste code: 200130 detergents other than those mentioned in 20 01 29 Classified as hazardous waste: No
EWL packing	EWC waste code: 150102 plasticpackaging
Other information	Do not empty into drains.

SECTION 14: Transport information

Dangerous goods	No
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14.1. UN number

Comments	Not considered as dangerous goods under UN, IMO, ADR/RID or IATA/ICAO regulations.
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14.2. UN proper shipping name

Comments	Not relevant.
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14.3. Transport hazard class(es)

Comments	Not relevant.
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14.4. Packing group

Comments	Not relevant.
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14.5. Environmental hazards

Comments	Not relevant.
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14.6. Special precautions for user

Special safety precautions for user	Not relevant.
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14.7. Maritime transport in bulk according to IMO instruments

Ship type required	Data lacking.
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ADR/RID Other information

Hazard No.	80
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SECTION 15: Regulatory information**15.1. Safety, health and environmental regulations / legislation specific for the substance or mixture**

References (laws/regulations)	<p>Regulation (EC) No 1907/2006 on the registration, evaluation, authorization and restriction of chemicals (REACH Regulation), with later amendments.</p> <p>Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures (CLP-regulation) with later amendments.</p> <p>Norwegian regulations on waste. no. 930/2004, from the Ministry of Environment.</p> <p>The Carriage of Dangerous Goods and Use of Transportable Pressure Equipment Regulations 2009.</p> <p>COMMISSION REGULATION (EC) No 907/2006 of 20 June 2006 amending Regulation (EC) No 648/2004 of the European Parliament and of the Council on detergents, in order to adapt Annexes III and VII thereto.</p>
Comments	The chemical contains ingredients that are restricted under Annex XVII nr. 3 og 40 to the REACH Regulation. Restrictions do not apply to the application of this chemical.

15.2. Chemical safety assessment

Chemical safety assessment performed	No
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SECTION 16: Other information

Supplier's notes	The information contained in this SDS must be made available to all those who handle the product.
List of relevant H-phrases (Section 2 and 3)	<p>H225 Highly flammable liquid and vapour.</p> <p>H302 Harmful if swallowed.</p> <p>H312 Harmful in contact with skin.</p> <p>H315 Causes skin irritation.</p>

	H318 Causes serious eye damage. H319 Causes serious eye irritation. H332 Harmful if inhaled. H336 May cause drowsiness or dizziness.
CLP classification, comments	Calculation method.
Key literature references and sources for data	Suppliers Safety data sheet dated: 30.04.2021.
Abbreviations and acronyms used	EWC: European Waste Code (a code from the EU's common classification system for waste) PBT: Persistent, Bioaccumulative and Toxic vPvB: very Persistent and very Bioaccumulative VOC: Volatile Organic Compounds LD50: Lethal dose, is the amount of a substance given to a group of test animals, which causes the death of 50%. LC50: Median concentration lethal to 50% of a test population. EC50: The effective concentration of substance that causes 50% of the maximum response NOEC: No observed effect concentration OECD: Organisation for Economic Cooperation and Development. BCF: Bio Concentration Factor NOEC: No observed effect concentration Log Kow: Partition coefficient: n-octanol / water
Information added, deleted or revised	Relevant changes compared to the previous version of the safety data sheet are indicated with verticle lines in the left margin.
Checking quality of information	This SDS is quality controlled by Kiwa Kompetanse AS in Norway, certified according to the Quality Management System requirements specified in ISO 9001:2015.
Version	9
Prepared by	Kiwa Teknologisk Institutt as v/ Camilla Ormset Castro