SAFETY DATA SHEET ACCORDING TO REGULATION (EC) 1907/2006

Product name: Eyelash Neutralizing Lotion

Creation date: 05.04.2023, Revision: 05.04.2023, version: 1.0

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier

Product name

Eyelash Neutralizing Lotion

https://my.chemius.net/p/7S4dZq/en/pd/en

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

Relevant identified uses

No information.

Uses advised against

No information.

1.3 Details of the supplier of the safety data sheet

Supplier

Benedikte Vippeextensions AS
Søndre Gate 2
0550 Oslo, Norway
(+47) 90821081
tobias@norlash.com

1.4 Emergency Telephone Number

Emergency

112

Supplier

(+47) 90821081

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 (CLP)

According to the regulation, the chemical is not classified as hazardous.

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008 [CLP]

EUH210 Safety data sheet available on request.

Contains:

Aqua
PARAFFINUM LIQUIDUM
CETEARYL ALCOHOL
CETEARETH-20
hydrogen peroxide
Glyceryl Stearate S/E
tetrasodium ethylenediaminetetraacetate
2-phenoxyethanol
3-(2-ethylhexyloxy)propane-1,2-diol

2.3 Other hazards

PBT/vPvB

No information.

Endocrine disrupting properties

No information.

Additional information

No information.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

For mixtures see 3.2.

3.2 Mixtures

Name	CAS EC Index Reach	%	Classification according to Regulation (EC) No 1272/2008 (CLP)	Specific Conc. Limits	Notes for substances
Aqua	7732-18-5 231-791-2 -	70-80	/	/	/
PARAFFINUM LIQUIDUM	8012-95-1 232-384-2 -	5-10	/	/	/
CETEARYL ALCOHOL	67762-27-0 267-008-6 -	2.5-5	/	/	/
CETEARETH-20	68439-49-6 - -	2.5-5	/	/	/
hydrogen peroxide	7722-84-1 231-765-0 008-003-00-9	1-2.5	Ox. Liq. 1; H271 Acute Tox. 4; H302 Skin Corr. 1A; H314 Acute Tox. 4; H332	Ox. Liq. 1; H271; C ≥ 63% Ox. Liq. 2; H272; 50% ≤ C < 63% Skin Corr. 1A; H314; C ≥ 70% Skin Corr. 1B; H314; 50% ≤ C < 70% Skin Irrit. 2; H315; 35% ≤ C < 50% Eye Dam. 1; H318; C ≥ 8% Eye Irrit. 2; H319; 5% ≤ C < 8% STOT SE 3; H335; C ≥ 35%	B
Glyceryl Stearate S/E	11099-07-3 234-325-6 -	1-2.5	/	/	/
tetrasodium ethylenediaminetetraacetate	64-02-8 200-573-9 607-428-00-2	0.1-1	Acute Tox. 4; H302 Eye Dam. 1; H318	/	/

2-phenoxyethanol	122-99-6 204-589-7 603-098-00-9	0.1-1	Acute Tox. 4; H302 Eye Dam. 1; H318 STOT SE 3; H335	oral: ATE = 1394 mg/kg bw	/
3-(2-ethylhexyloxy)propane-1,2-diol	70445-33-9 408-080-2 603-168-00-9	0.01-0.1	Eye Dam. 1; H318 Aquatic Chronic 3; H412	/	/

Notes for substances

B	Some substances (acids, bases, etc.) are placed on the market in aqueous solutions at various concentrations and, therefore, these solutions require different classification and labelling since the hazards vary at different concentrations. In Part 3 entries with Note B have a general designation of the following type: "nitric acid ... %". In this case the supplier must state the percentage concentration of the solution on the label. Unless otherwise stated, it is assumed that the percentage concentration is calculated on a weight/weight basis.

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

General notes

Never give anything by mouth to an unconscious person. Place patient in recovery position and ensure airway patency. When in doubt or if feeling unwell seek medical assistance. Show the safety data sheet and label to the physician.

Following inhalation

Remove patient to fresh air - move out of dangerous area. Obtain professional medical help!

Following skin contact

No information.

Following eye contact

Immediately flush eyes with running water, keeping eyelids apart. If irritation persists, seek professional medical attention.

Following ingestion

Do not induce vomiting! Rinse mouth thoroughly with water. Never give anything by mouth to an unconscious person. Consult a physician. Show the physician the safety data sheet or label.

4.2 Most important symptoms and effects, both acute and delayed

Following inhalation

Excessive exposure to spray mist, fog, or vapours may cause respiratory irritation.

Following skin contact

Contact with skin may cause irritation (redness, itching).

Following eye contact

Contact with eyes can cause irritation (redness, tearing, pain).

Following ingestion

May cause nausea/vomiting and diarrhea. May cause abdominal discomfort.

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media
Carbon dioxide. Dry chemical powder. Water spray. Alcohol resistant foam.

Unsuitable extinguishing media
Full water jet.

5.2 Special hazards arising from the substance or mixture

Hazardous combustion products
In case of a fire toxic gases can be generated; do not inhale gases/smoke.

5.3 Advice for firefighters

Protective actions
In case of fire or heating do not breathe fumes/vapours. No action shall be taken involving any personal risk or without suitable training.

Special protective equipment for fire-fighters
Firefighters should wear appropriate protective clothing for firefighters (including helmets, protective boots and gloves) (BS EN 469) and self-contained breathing apparatus (SCBA) with a full face-piece (BS EN 137).

Additional information
No information.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel
Protective equipment
No information.

Precautionary measures
Ensure adequate ventilation.

Emergency procedures
No action shall be taken involving any personal risk or without suitable training. Prevent access to unprotected personnel. Evacuate the danger zone. Do not breathe vapour or mist.

For emergency responders
Use personal protective equipment.

6.2 Environmental precautions

Do not allow product to reach water/drains/sewage systems or permeable soil. In case of release into the environment, inform the relevant authorities.

6.3 Methods and material for containment and cleaning up

For containment
Stem the spill if this does not pose risks.

For cleaning up
Absorb product (with inert material), collect it in special container and dispose it to a licensed hazardous-waste disposal contractor. Prevent release into the sewer, water, basements or confined areas. Ventilate the premises. Clean contaminated area with plenty of water.

OTHER INFORMATION
No information.

6.4 Reference to other sections

See also sections 8 and 13.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

Protective measures

Measures to prevent fire

Ensure adequate ventilation.

Measures to prevent aerosol and dust generation

Use general or local exhaust ventilation to prevent inhaling vapours and aerosols.

Measures to protect the environment

Do not discharge into drains, surface water and soil. After use immediately close container tightly.

Other measures

No information.

Advice on general occupational hygiene

Use good personal hygiene practices – wash hands at breaks and when done working with material. Do not eat, drink or smoke while working. Do not breathe vapours/mist. Wear suitable protective equipment; see Section 8.

7.2 Conditions for safe storage, including any incompatibilities

Technical measures and storage conditions

Keep in a cool, dry and well ventilated place. Keep away from food, drink and animal feeding stuffs.

Packaging materials

Store only in original container.

Requirements for storage rooms and vessels

Close opened containers after use. Put the containers upright to prevent from leaking. Do not store in unlabelled containers.

Storage class

No information.

Further information on storage conditions

No information.

7.3 Specific end use(s)

Recommendations

No information.

Industrial sector specific solutions

No information.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Occupational Exposure limit values

Name	mg/m^3	ml/m^3	Short-term value mg/m^3	Short-term value ml/m^3	Remark	Biological Tolerance Values
2-phenoxyethanol	110	20	220	40	AGW (Vapour and aerosols); DE TRGS 900	/
Hydrogen peroxide (7722-84-1)	1.4	1	2.8	2	/	/

Information on monitoring procedures

BS EN 14042:2003 Workplace atmospheres. Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents. BS EN 689:2018 Workplace exposure. Measurement of exposure by inhalation to chemical agents. Strategy for testing compliance with occupational exposure limit values. BS EN 482:2021 Workplace exposure. Procedures for the determination of the concentration of chemical agents. Basic performance requirements.

DNEL/DMEL values

For product

No information.

For components

Name	Type	Exposure route	exp. frequency	Remark	value
PARAFFINUM LIQUIDUM	Worker	inhalation	long term systemic effects	/	5 mg/m^3
PARAFFINUM LIQUIDUM	Worker	inhalation	short term systemic effects	/	5 mg/m^3
PARAFFINUM LIQUIDUM	Worker	inhalation	long term local effects	/	5 mg/m^3
PARAFFINUM LIQUIDUM	Worker	inhalation	short term local effects	/	5 mg/cm^3
CETEARYL ALCOHOL	Worker	inhalation	long term systemic effects	/	237.76 mg/m³
CETEARYL ALCOHOL	Worker	inhalation	short term systemic effects	/	237.76 mg/m³
CETEARYL ALCOHOL	Worker	inhalation	long term local effects	/	6.52 mg/m³
CETEARYL ALCOHOL	Worker	inhalation	short term local effects	/	6.52 mg/m³
CETEARYL ALCOHOL	Worker	dermal	long term systemic effects	/	200 mg/kg bw/day
CETEARYL ALCOHOL	Worker	dermal	short term systemic effects	/	400 mg/kg bw/day
CETEARYL ALCOHOL	Worker	dermal	long term local effects	/	1.124 mg/cm^2
CETEARYL ALCOHOL	Worker	dermal	short term local effects	/	1.124 mg/cm^2
CETEARYL ALCOHOL	Consumer	inhalation	long term systemic effects	/	118.88 mg/m³
CETEARYL ALCOHOL	Consumer	inhalation	short term systemic effects	/	118.9 mg/m³
CETEARYL ALCOHOL	Consumer	inhalation	long term local effects	/	0.652 mg/m³
CETEARYL ALCOHOL	Consumer	inhalation	short term local effects	/	0.652 mg/m³
CETEARYL ALCOHOL	Consumer	dermal	long term systemic effects	/	100 mg/kg bw/day
CETEARYL ALCOHOL	Consumer	dermal	short term systemic effects	/	200 mg/kg bw/day
CETEARYL ALCOHOL	Consumer	dermal	long term local effects	/	0.562 mg/cm^2
CETEARYL ALCOHOL	Consumer	dermal	short term local effects	/	0.562 mg/cm^2
CETEARYL ALCOHOL	Consumer	oral	long term systemic effects	/	75 mg/kg bw/day
CETEARYL ALCOHOL	Consumer	oral	short term systemic effects	/	75 mg/kg bw/day
tetrasodium ethylenediaminetetraacetate	Worker	inhalation	short term systemic effects	/	2.5 mg/m³
tetrasodium ethylenediaminetetraacetate	Worker	inhalation	short term local effects	/	2.5 mg/m³
tetrasodium ethylenediaminetetraacetate	Consumer	oral	long term systemic effects	/	25 mg/kg
tetrasodium ethylenediaminetetraacetate	Consumer	inhalation	short term systemic effects	/	1.5 mg/m³
tetrasodium ethylenediaminetetraacetate	Consumer	inhalation	short term local effects	/	1.5 mg/m³

2-phenoxyethanol	Worker	dermal	long term systemic effects	/	20.83 mg/kg
2-phenoxyethanol	Worker	inhalation	long term systemic effects	/	5.7 mg/m^3
2-phenoxyethanol	Worker	inhalation	long term local effects	/	5.7 mg/m^3
2-phenoxyethanol	Consumer	dermal	long term systemic effects	/	10.42 mg/kg
2-phenoxyethanol	Consumer	inhalation	long term systemic effects	/	2.41 mg/m^3
2-phenoxyethanol	Consumer	oral	long term systemic effects	/	9.23 mg/kg
2-phenoxyethanol	Consumer	oral	short term systemic effects	/	9.23 mg/kg

PNEC values

For product

No information.

For components

Name	Exposure route	Remark	value
CETEARYL ALCOHOL	fresh water	/	0.13 mg/L
CETEARYL ALCOHOL	water, intermittent release	/	1 mg/L
CETEARYL ALCOHOL	marine water	/	0.12 mg/L
CETEARYL ALCOHOL	water treatment plant	/	1000 mg/L
CETEARYL ALCOHOL	fresh water sediment	dry weight	13.61 mg/kg
CETEARYL ALCOHOL	marine water sediment	dry weight	1.361 mg/kg
CETEARYL ALCOHOL	soil	dry weight	100 mg/kg
CETEARYL ALCOHOL	secondary poisoning	food	86.7 mg/kg
tetrasodium ethylenediaminetetraacetate	fresh water	/	2.2 mg/L
tetrasodium ethylenediaminetetraacetate	marine water	/	0.22 mg/L
tetrasodium ethylenediaminetetraacetate	water, intermittent release	/	1.2 mg/L
tetrasodium ethylenediaminetetraacetate	soil	/	0.72 mg/L
tetrasodium ethylenediaminetetraacetate	water treatment plant	/	43 mg/L
2-phenoxyethanol	fresh water	/	0.943 mg/L
2-phenoxyethanol	marine water	/	0.0943 mg/L
2-phenoxyethanol	fresh water sediment	/	7.2366 mg/kg
2-phenoxyethanol	marine water sediment	/	0.7237 mg/kg
2-phenoxyethanol	soil	/	1.26 mg/kg
2-phenoxyethanol	water, intermittent release	/	3.44 mg/L
2-phenoxyethanol	water treatment plant	/	24.8 mg/L

8.2 Exposure controls

Appropriate engineering control

Substance/mixture related measures to prevent exposure during identified uses

Use good personal hygiene practices – wash hands at breaks and when done working with material. Handle in accordance with good industrial hygiene and safety practice. Do not eat, drink or smoke while working. Do not breathe vapours/aerosols.

Structural measures to prevent exposure

No information.

Organisational measures to prevent exposure

No information.

Technical measures to prevent exposure
Provide good ventilation and local exhaust in areas with increased concentration. Keep away from food, drink and animal feeding stuffs.

Personal protective equipment

Eye and face protection
Safety glasses with side protection (BS EN ISO 16321-1:2022).

Hand protection
Protective gloves (EN 374). Observe the manufacturer's instructions regarding the use, storage, maintenance and replacement of gloves. In case of damage or at the first signs of wear and tear, change the gloves immediately. The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. The penetration time is determined by the protective glove manufacturer and must be observed.

Appropriate materials

Skin protection
No information.

Respiratory protection
In case of insufficient ventilation wear suitable respiratory protection. Wear suitable protective breathing mask (EN 136) with filter A2-P2 (EN 14387).

Thermal hazards
No information.

Environmental exposure controls

Substance/mixture related measures to prevent exposure
No information.

Instruction measures to prevent exposure
No information.

Organisational measures to prevent exposure
No information.

Technical measures to prevent exposure
Do not allow product to reach drains, sewage systems or ground water.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Physical state
liquid - thick lotion

Colour
white

Odour
characteristic

Important health, safety and environmental information

Odour threshold	No information.
Melting point/Freezing point	No information.
Boiling point or initial boiling point and boiling range	No information.
Flammability	No information.
Lower and upper explosion limit	No information.
Flash point	No information.
Auto-ignition temperature	No information.
Decomposition temperature	No information.
pH	5 — 7
Viscosity	No information.
Solubility	No information.
Partition coefficient	No information.
Vapour pressure	No information.

Density and/or relative density	No information.
Relative vapour density	No information.
Particle characteristics	No information.

9.2 OTHER INFORMATION

Explosive properties	No information.

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity

No information.

10.2 Chemical stability

Product is stable under normal conditions of use, recommended handling and storage conditions.

10.3 Possibility of hazardous reactions

No information.

10.4 Conditions to avoid

No information.

10.5 Incompatible materials

No information.

10.6 Hazardous decomposition products

Under normal use conditions no hazardous decomposition products are expected. In case of fire/explosion vapours/gases that pose a health hazard are released.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

(a) Acute toxicity

For components

Name	Exposure route	Type	Species	Time	value	Method	Remark
Aqua	oral	ATE	/	/	20000000 mg/kg bw	/	/
PARAFFINUM LIQUIDUM	oral	LD_{50}	rat	/	> 5000 mg/kg	OECD 401	/
PARAFFINUM LIQUIDUM	dermal	LD_{50}	rabbit	/	> 5000 mg/kg	OECD 402	/
PARAFFINUM LIQUIDUM	inhalation (dusts/mists)	LC_{50}	rat	4 h	> 5 mg/l	OECD 403	/
CETEARYL ALCOHOL	oral	LD_{50}	rat	/	> 2000 mg/kg	/	/

CETEARYL ALCOHOL	dermal	LD_{50}	rat	/	> 2000 mg/kg	/	/
CETEARETH-20	oral	LD_{50}	rat	/	> 5000 mg/kg	OECD 401	Literature study
CETEARETH-20	dermal	LD_{50}	rat	/	> 5000 mg/kg	OECD 402	Literature study
hydrogen peroxide	oral	LD_{50}	rat	/	431 mg/kg	/	/
hydrogen peroxide	dermal	LD_{50}	rabbit	/	9200 mg/kg	/	/
hydrogen peroxide	inhalation (dusts/mists)	LC_{50}	/	/	1.5 mg/l	/	/
hydrogen peroxide	inhalation (vapours)	LC_{50}	/	4 h	11 mg/l	/	/
tetrasodium ethylenediaminetetraacetate	oral	LD_{50}	rat	/	> 2000 mg/kg	/	/
2-phenoxyethanol	oral	LD_{50}	rat	/	1260 mg/kg	/	/
2-phenoxyethanol	dermal	LD_{50}	rat	/	14422 mg/kg	/	/
3-(2-ethylhexyloxy)propane-1,2-diol	oral	LD_{50}	rat	/	2000 mg/kg	/	/
3-(2-ethylhexyloxy)propane-1,2-diol	inhalation (dusts/mists)	LC_{50}	rat	4 h	3.07 mg/l	/	/
3-(2-ethylhexyloxy)propane-1,2-diol	dermal	LD_{50}	rat	/	2000 mg/kg	/	/

Additional information

The product is not classified for acute toxicity.

(b) Skin corrosion/irritation

For components

Name	Species	Time	result	Method	Remark
PARAFFINUM LIQUIDUM	/	/	Prolonged exposure may irritate the skin and cause local redness.	/	/
PARAFFINUM LIQUIDUM	/	/	Repeated contact may cause skin irritation and localized redness.	/	/
CETEARETH-20	rabbit	/	Non-irritant.	OECD 404	/
hydrogen peroxide	/	/	Corrosive	/	/
2-phenoxyethanol	rabbit	24 h	Mild irritating.	/	/

Additional information

The product is not classified as irritating to skin and eyes.

(c) Serious eye damage/irritation

For components

Name	Exposure route	Species	Time	result	Method	Remark
PARAFFINUM LIQUIDUM	/	/	/	May cause moderate eye irritation. It can cause a moderate corneal injury.	/	/
CETEARETH-20	/	rabbit	/	Non-irritant.	OECD 405	/
tetrasodium ethylenediaminetetraacetate	/	/	/	/	/	Classification: Irritant
2-phenoxyethanol	/	rabbit	/	Irritating.	/	/

(d) Respiratory or skin sensitisation

For components

Name	Exposure route	Species	Time	result	Method	Remark
PARAFFINUM LIQUIDUM	dermal	/	/	Sensitizing (guinea pig).	/	mineral oil (CAS 8042-47-5)
hydrogen peroxide	dermal	guinea pig	/	Non sensitising.	Magnusson & Kligman test	/
tetrasodium ethylenediaminetetraacetate	dermal	guinea pig	/	Non sensitising.	OECD 406	Test was carried out on a similar product.
2-phenoxyethanol	-	guinea pig	/	It does not cause sensitization on laboratory animals.	/	maximisation test

Additional information

The product is not classified as sensitising.

(e) (Germ cell) mutagenicity

For components

Name	Type	Species	Time	result	Method	Remark
PARAFFINUM LIQUIDUM	in-vitro mutagenicity	/	/	Negative.	/	/
tetrasodium ethylenediaminetetraacetate	/	/	/	Not mutagenic.	/	/
2-phenoxyethanol	in-vivo mutagenicity	/	/	No mutagenic effect was found in tests with bacteria and mammalian cell culture.	/	/

(f) Carcinogenicity

For components

Name	Exposure route	Type	Species	Time	value	result	Method	Remark
PARAFFINUM LIQUIDUM	/	/	animals	/	/	No carcinogenic effect	/	/
PARAFFINUM LIQUIDUM	/	/	/	/	/	IARC 1: Carcinogenic to humans.	/	unrefined and medium-refined oils
PARAFFINUM LIQUIDUM	/	/	/	/	/	IARC 3: Not classifiable as to carcinogenicity to humans.	/	highly refined oils
tetrasodium ethylenediaminetetraacetate	-	/	/	/	/	IARC: The International Agency for Research on Cancer didn't classify any of the ingredients in this product that are present in a concentration of ≥ 1% as a substance that is a likely, a possible or a confirmed carcinogen for humans.	/	/

(g) Reproductive toxicity

For components

Name	Reproductive toxicity type	Type	Species	Time	value	result	Method	Remark
tetrasodium ethylenediaminetetraacetate	Teratogenicity	-	/	/	/	Only large quantities would cause defects.	/	/

2-phenoxyethanol	Reproductive toxicity	/	/	/	/	Animal testing did not show any effects on fertility.	/	/

Summary of evaluation of the CMR properties

The product is not classified as carcinogenic, mutagenic or toxic for reproduction.

(h) STOT-single exposure

For components

Name	Exposure route	Type	Species	Time	Exposure	organ	value	result	Method	Remark
hydrogen peroxide	/	-	/	/	/	/	/	Category 3-respiratory tract irritation	/	/

Additional information

STOT SE (single exposure): Not classified.

(i) STOT-repeated exposure

For components

Name	Exposure route	Type	Species	Time	Exposure	organ	value	result	Method	Remark
PARAFFINUM LIQUIDUM	inhalation	-	/	/	/	/	/	Excessive exposure may cause irritation of the upper respiratory tract (nose and throat).	/	/
PARAFFINUM LIQUIDUM	/	/	/	/	/	/	/	Overexposure to mineral oil magnet can cause lung damage (lipoid pneumonia).	/	/
PARAFFINUM LIQUIDUM	/	/	animals	/	/	liver, spleen, kidneys	/	/	/	Excessive re-exposure to mineral mists can cause lung damage

Additional information

STOT RE (repeated exposure): Not classified.

(j) Aspiration hazard

For components

Name	result	Method	Remark
PARAFFINUM LIQUIDUM	May be fatal if swallowed and enters airways.	/	/
tetrasodium ethylenediaminetetraacetate	ASPIRATION HAZARD	/	/

Additional information

Aspiration hazard: Not classified.

Symptoms related to the physical, chemical and toxicological characteristics

No information.

Interactive effects

No information.

11.2 Information on other hazards

Endocrine disrupting properties

No information.

Other information

No information.

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity

Acute (short-term) toxicity

For components

Name	Type	value	Exposure time	Species	organism	Method	Remark
PARAFFINUM LIQUIDUM	LC_{50}	> 100 mg/L	/	fish	*Pimephales promelas*	/	/
PARAFFINUM LIQUIDUM	LC_{50}	> 10000 mg/L	96 h	fish	*Lepomis macrochirus*	/	/
PARAFFINUM LIQUIDUM	EL_{50}	1000 - 10000 mg/L	48 h	crustacea	*Daphnia magna*	/	/
PARAFFINUM LIQUIDUM	EL_{50}	> 100 mg/L	72 h	algae	*Pseudokirchneriella subcapitata*	/	/
CETEARYL ALCOHOL	LC_{50}	> 100 mg/L	96 h	fish	*Carassius auratus*	/	/
CETEARYL ALCOHOL	EC_{50}	> 100 mg/L	48 h	crustacea	*Daphnia*	/	/
CETEARYL ALCOHOL	EC_{50}	> 100 mg/L	72 h	algae	/	/	/
CETEARETH-20	LC_{50}	1 - 10 mg/L	96 h	fish	*Leuciscus idus*	OECD 203	/
CETEARETH-20	EC_{50}	1 - 10 mg/L	48 h	crustacea	*Daphnia magna*	/	/
CETEARETH-20	EC_{50}	10 - 100 mg/L	/	algae	/	/	Increase rate
CETEARETH-20	EC0	> 5000 mg/L	/	bacteria	/	/	/
hydrogen peroxide	LC_{50}	16.4 mg/L	96 h	fish	*Pimephales promelas*	/	/
hydrogen peroxide	EC_{50}	2.4 mg/L	48 h	crustacea	*Daphnia pulex*	/	/
hydrogen peroxide	EC_{50}	466 mg/L	30 min	microorganisms	Activated sludge	OECD 209	/
hydrogen peroxide	EC_{50}	> 1000 mg/L	3 h	microorganisms	Activated sludge	OECD 209	/
tetrasodium ethylenediaminetetraacetate	LC_{50}	135 mg/L	96 h	fish	*Lepomis macrochirus*	/	static system
tetrasodium ethylenediaminetetraacetate	EC_{50}	> 100 mg/L	48 h	*Daphnia*	*Daphnia magna*	/	/
2-phenoxyethanol	LC_{50}	> 100 mg/L	96 h	fish	*Leuciscus idus*	/	/
3-(2-ethylhexyloxy)propane-1,2-diol	LC_{50}	60.2 mg/L	96 h	fish	/	/	/
3-(2-ethylhexyloxy)propane-1,2-diol	EC_{50}	78.3 mg/L	48 h	aquatic invertebrates	/	/	/
3-(2-ethylhexyloxy)propane-1,2-diol	ErC_{50}	84.3 mg/L	72 h	algae	/	/	/
3-(2-ethylhexyloxy)propane-1,2-diol	EC_{50}	2.1 mg/L	72 h	fish	/	/	/

Chronic (long-term) toxicity

For components

Name	Type	value	Exposure time	Species	organism	Method	Remark
CETEARETH-20	EC_{10}	> 1 mg/l	/	algae	/	/	/
hydrogen peroxide	NOEC	0.63 mg/l	21 days	crustacea	*Daphnia magna*	/	/
hydrogen peroxide	NOEC	0.63 mg/l	72 h	algae	*Skeletonema costatum*	/	/
tetrasodium ethylenediaminetetraacetate	NOEC	≥ 36.9 mg/l	35 days	fish	*Brachydanio rerio*	OECD 210	/
tetrasodium ethylenediaminetetraacetate	NOEC	25 mg/l	21 days	Magna Daphnia	*Daphnia magna*	OECD 211	/
2-phenoxyethanol	NOEC	23 mg/l	34 days	fish	*Pimephales promelas*	/	/
2-phenoxyethanol	NOEC	9.43 mg/l	21 days	crustacea	*Daphnia magna*	/	/
3-(2-ethylhexyloxy)propane-1,2-diol	LC_{50}	8.5 mg/l	35 days	fish	/	/	/

12.2 Persistence and degradability

Abiotic degradation, physical- and photo-chemical elimination

For components

Name	Environment	Type / Method	Half Time	Evaluation	Method	Remark
tetrasodium ethylenediaminetetraacetate	water	hydrolysis	/	not expected	/	/

Biodegradation

For components

Name	Type	Rate	Time	Evaluation	Method	Remark
PARAFFINUM LIQUIDUM	biodegradability	82 %	24 days	readily biodegradable	OECD 301F	/
CETEARYL ALCOHOL	biodegradability	> 60 %	28 days	readily biodegradable	OECD 301 F	/
tetrasodium ethylenediaminetetraacetate	BOD5	50 mg O_2/g	/	/	/	/
tetrasodium ethylenediaminetetraacetate	COD	260 mg O_2/g	/	/	/	/
2-phenoxyethanol	biodegradability	%	/	readily biodegradable	/	/
3-(2-ethylhexyloxy)propane-1,2-diol	oxygen depletion	8.2 %	5 days	/	/	ECHA

12.3 Bioaccumulative potential

Partition coefficient

For components

Name	Media	value	Temperature °C	pH	Concentration	Method
PARAFFINUM LIQUIDUM	Log Pow	> 3.5	/	/	/	Estimated value
hydrogen peroxide	Octanol-water (log Pow)	-1.57	20	/	/	/
tetrasodium ethylenediaminetetraacetate	Log Pow	5.01	/	/	/	/
2-phenoxyethanol	Log Pow	1.2	23	7	/	OECD 107

3-(2-ethylhexyloxy)propane-1,2-diol	log Kow	2.53	20	/	/	/

Bioconcentration factor (BCF)

For components

Name	Species	organism	value	Duration	Evaluation	Method	Remark
PARAFFINUM LIQUIDUM	-	/	/	/	*Translation required (81973)*	/	/
tetrasodium ethylenediaminetetraacetate	BCF	/	1.8	/	/	/	/
2-phenoxyethanol	bioaccumulation	/	/	/	Bioaccumulation is not expected (log Pow <= 4).	/	/

12.4 Mobility in soil

Known or predicted distribution to environmental compartments

No information.

Surface tension

No information.

Adsorption/Desorption

For components

Name	Type	Criterion	value	Evaluation	Method	Remark
PARAFFINUM LIQUIDUM	Soil	/	> 5000	Low mobility.	/	Koc, estimation
tetrasodium ethylenediaminetetraacetate	Soil	log KOC	1046	(KOC) Low potential	/	/
tetrasodium ethylenediaminetetraacetate	Soil	Henry constant (H)	$Pa.m^3$ / mol	/	/	/
2-phenoxyethanol	Water	/	/	Does not evaporate from the water surface into the atmosphere.	/	/

12.5 Results of PBT and vPvB assessment

No evaluation.

12.6 Endocrine disrupting properties

No information.

12.7 Other adverse effects

No information.

12.8 Additional information

For product

Product is not classified as dangerous for environment. Do not allow to reach ground water, water courses or sewage system.

For components

PARAFFINUM LIQUIDUM

This substance is not included in the list attached to the Montreal Protocol on Substances that Deplete the Ozone

Layer. This substance is not considered to be persistent, bioaccumulative and toxic (PBT). This substance is not considered to be very persistent and very bioaccumulative (vPvB). LC50/EC50/IC50 > 100 mg/l at the most sensitive species.

tetrasodium ethylenediaminetetraacetate
Does not contain any organic halogens. Do not release untreated into watercourses. Microorganisms/effects on activated sludge: 50 mg/L No bioaccumulation expected.

2-phenoxyethanol
Water hazard class 1 (Self-assessment): slightly hazardous for water This substance is not PBT-/vPvB..

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Product / Packaging disposal

Waste chemical
Do not allow product to reach drains/sewage systems. Disposal must be made according to official regulations: deliver it to authorised collector/remover/transformer of hazardous waste.

Waste codes / waste designations according to LoW
No information.

Packaging
Deliver completely emptied containers to approved waste disposal authorities. Uncleaned containers are classified as hazardous waste - they should be handled in the same manner as the contents.

Waste codes / waste designations according to LoW
No information.

Waste treatment-relevant information
No information.

Sewage disposal-relevant information
No information.

Other disposal recommendations
No information.

SECTION 14: TRANSPORT INFORMATION

ADR/RID	IMDG	IATA	ADN
14.1 UN number or ID number			
Not dangerous according to transport regulations.	Not dangerous according to transport regulations.	Not dangerous according to transport regulations.	Not dangerous according to transport regulations.
14.2 UN proper shipping name			
Not given/not applicable	Not given/not applicable	Not given/not applicable	Not given/not applicable
14.3 Transport hazard class(es)			
Not given/not applicable	Not given/not applicable	Not given/not applicable	Not given/not applicable
14.4 Packing group			
Not given/not applicable	Not given/not applicable	Not given/not applicable	Not given/not applicable
14.5 Environmental hazards			
NO	NO	NO	NO
14.6 Special precautions for user			

Limited quantities Not given/not applicable	Limited quantities Not given/not applicable		Limited quantities Not given/not applicable
14.7 Maritime transport in bulk according to IMO instruments			
	Not given/not applicable		

SECTION 15: REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

- Regulation (EC) No 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (including last amendment Commission Regulation (EU) 2020/878)

- Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures

Information according 2004/42/EC about limitation of emissions of volatile organic compounds (VOC-guideline)
not applicable

Regulation EC 648/2004 on detergents
No information.

Special instructions
Observe the regulations on employment and protection against dangerous substances for young people, pregnant women and nursing mothers.

15.2 Chemical Safety Assessment

No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.

SECTION 16: OTHER INFORMATION

Indication of changes
No information.

Key literature references and sources for data
No information.

Abbreviations and acronyms
ATE - Acute Toxicity Estimate
ADR - Agreement concerning the International Carriage of Dangerous Goods by Road
ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
CEN - European Committee for Standardisation
C&L - Classification and Labelling
CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008
CAS# - Chemical Abstracts Service number
CMR - Carcinogen, Mutagen, or Reproductive Toxicant
CSA - Chemical Safety Assessment
CSR - Chemical Safety Report
DMEL - Derived Minimal Effect Level
DNEL - Derived No Effect Level
DPD - Dangerous Preparations Directive 1999/45/EC
DSD - Dangerous Substances Directive 67/548/EEC
DU - Downstream User
EC - European Community
ECHA - European Chemicals Agency
EC-Number - EINECS and ELINCS Number (see also EINECS and ELINCS)
EEA - European Economic Area (EU + Iceland, Liechtenstein and Norway)
EEC - European Economic Community

EINECS - European Inventory of Existing Commercial Substances
ELINCS - European List of notified Chemical Substances
EN - European Standard
EQS - Environmental Quality Standard
EU - European Union
Euphrac - European Phrase Catalogue
EWC - European Waste Catalogue (replaced by LoW – see below)
GES - Generic Exposure Scenario
GHS - Globally Harmonized System
IATA - International Air Transport Association
ICAO-TI - Technical Instructions for the Safe Transport of Dangerous Goods by Air
IMDG - International Maritime Dangerous Goods
IMSBC - International Maritime Solid Bulk Cargoes
IT - Information Technology
IUCLID - International Uniform Chemical Information Database
IUPAC - International Union for Pure Applied Chemistry
JRC - Joint Research Centre
Kow - octanol-water partition coefficient
LC50 - Lethal Concentration to 50 % of a test population
LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose)
LE - Legal Entity
LoW - List of Wastes (see http://ec.europa.eu/environment/waste/framework/list.htm)
LR - Lead Registrant
M/I - Manufacturer / Importer
MS - Member States
MSDS - Material Safety Data Sheet
OC - Operational Conditions
OECD - Organization for Economic Co-operation and Development
OEL - Occupational Exposure Limit
OJ - Official Journal
OR - Only Representative
OSHA - European Agency for Safety and Health at work
PBT - Persistent, Bioaccumulative and Toxic substance
PEC - Predicted Effect Concentration
PNEC(s) - Predicted No Effect Concentration(s)
PPE - Personal Protection Equipment
(Q)SAR - Qualitative Structure Activity Relationship
REACH - Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006
RID - Regulations concerning the International Carriage of Dangerous Goods by Rail
RIP - REACH Implementation Project
RMM - Risk Management Measure
SCBA - Self-Contained Breathing Apparatus
SDS - Safety data sheet
SIEF - Substance Information Exchange Forum
SME - Small and Medium sized Enterprises
STOT - Specific Target Organ Toxicity
(STOT) RE - Repeated Exposure
(STOT) SE - Single Exposure
SVHC - Substances of Very High Concern
UN - United Nations
vPvB - Very Persistent and Very Bioaccumulative

List of relevant H phrases

H271 May cause fire or explosion; strong oxidiser.
H272 May intensify fire; oxidiser.
H302 Harmful if swallowed.
H314 Causes severe skin burns and eye damage.
H315 Causes skin irritation.
H318 Causes serious eye damage.
H319 Causes serious eye irritation.
H332 Harmful if inhaled.
H335 May cause respiratory irritation.
H412 Harmful to aquatic life with long lasting effects.