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

1.1 Product identifier

After Care Shampoo

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

1.2.1 Relevant uses

Shampoo

1.2.2 Uses advised against

None known.

1.3 Details of the supplier of the safety data sheet

Company

WAXOYL AG
Seewenweg 5
4153 Reinach / SWITZERLAND
Phone +41-61-28177 94
Fax +41-61-28177 85
Homepage www.waxoyl.com
E-mail info@waxoyl.ch

Address enquiries to

Technical information info@waxoyl.ch

Safety Data Sheet sdb@chemiebuero.de

1.4 Emergency telephone number

Advisory body +49 (0)89-19240 (24h) (English)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture [REGULATION (EC) No 1272/2008]

Eye Dam. 1: H318 Causes serious eye damage.

2.2 Label elements

Hazard pictograms



Signal word DANGER

Contains: D-Glucopyranose, oligomers, decyl octyl glycosides

Hazard statements H318 Causes serious eye damage.

Precautionary statements

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

Cleaner, 648/2004/CE, contains:

5 - <15% non-ionic surfactants
5 - <15% amphoteric surfactants
preservatives SODIUM PYRITHIONE
preservatives BENZISOTHIAZOLINONE
fragrances

2.3 Other hazards

Human health dangers If swallowed or in the event of vomiting, risk of product entering the lungs.
Contains no ingredients with endocrine-disrupting properties.

Environmental hazards Does not contain any PBT or vPvB substances.

Other hazards Further hazards were not determined with the current level of knowledge.

SECTION 3: Composition / Information on ingredients

3.1 Substances

not applicable

3.2 Mixtures

The product is a mixture.

Range [%]	Substance
5 - 10	1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl, N-(C8-18 und C18 unsat. acryl) derivs, inner salt
	CAS: 147170-44-3, EINECS/ELINCS: 931-333-8, Reg-No.: 01-2119489410-39-XXXX
	GHS/CLP: Eye Dam. 1: H318 - Aquatic Chronic 3: H412
	SCL [%]: > 10: Eye Dam. 1: H318, >4 - 10: Eye Irrit. 2: H319
1 - 5	Isotridecanol, ethoxylated
	CAS: 69011-36-5, EINECS/ELINCS: 500-241-6
	GHS/CLP: Eye Irrit. 2: H319 - Aquatic Chronic 3: H412
1 - 5	Propan-2-ol
	CAS: 67-63-0, EINECS/ELINCS: 200-661-7, EU-INDEX: 603-117-00-0, Reg-No.: 01-2119457558-25-XXXX
	GHS/CLP: Flam. Liq. 2: H225 - Eye Irrit. 2: H319 - STOT SE 3: H336
3 - 5	D-Glucopyranose, oligomers, decyl octyl glycosides
	CAS: 68515-73-1, EINECS/ELINCS: 500-220-1, Reg-No.: 01-2119488530-36-XXXX
	GHS/CLP: Eye Dam. 1: H318
1 - <3	Poly[3-((2-aminoethyl)amino)propyl]methyl(dimethyl)siloxane, methoxy terminated
	CAS: 102782-92-3, EINECS/ELINCS: Polymer
	GHS/CLP: Eye Dam. 1: H318 - Skin Irrit. 2: H315
<2	Acetic acid
	CAS: 64-19-7, EINECS/ELINCS: 200-580-7, EU-INDEX: 607-002-00-6, Reg-No.: 01-2119475328-30-XXXX
	GHS/CLP: Flam. Liq. 3: H226 - Skin Corr. 1A: H314 - Eye Dam. 1: H318
	SCL [%]: >= 90: Skin Corr. 1A: H314, >=25 - <90: Skin Corr. 1B: H314, >=10 - <25: Skin Irrit. 2: H315, >=10 - <25: Eye Irrit. 2: H319
< 0,02	Pyridine-2-thiol 1-oxide, sodium salt
	CAS: 3811-73-2, EINECS/ELINCS: 223-296-5
	GHS/CLP: Eye Dam. 1: H318 - Acute Tox. 4: H302 - Acute Tox. 4: H332 - Aquatic Acute 1: H400 - Aquatic Chronic 2: H411, M-Factor (acute): 100

Comment on component parts Substances of Very High Concern - SVHC: substances are not contained or are below 0.1%.
For full text of H-statements: see SECTION 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

General information Take off contaminated clothing and wash before reuse.

Inhalation Ensure supply of fresh air.
In the event of symptoms seek medical treatment.

Skin contact When in contact with the skin, clean with soap and water.
Consult a doctor if skin irritation persists.

Eye contact Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Seek medical advice immediately.

Ingestion Seek medical advice immediately.
Do not induce vomiting.
Rinse out mouth and give plenty of water to drink.

4.2 Most important symptoms and effects, both acute and delayed

Risk of serious damage to eyes.

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Fire-fighting measures

5.1 Extinguishing media

Suitable extinguishing media

Product itself is non-combustible. Fire extinguishing method of surrounding areas must be considered.

Extinguishing media that must not be used

Full water jet.

5.2 Special hazards arising from the substance or mixture

Risk of formation of toxic pyrolysis products.

5.3 Advice for firefighters

Use self-contained breathing apparatus.

Fire residues and contaminated firefighting water must be disposed of in accordance within the local regulations.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Use personal protective equipment.
High risk of slipping due to leakage/spillage of product.

6.2 Environmental precautions

Prevent spread over a wide area (e.g. by containment or oil barriers).
Do not discharge into the drains/surface waters/groundwater.

6.3 Methods and material for containment and cleaning up

Pick up with absorbent material (e.g. sand, sawdust, universal absorbent, diatomaceous earth).
Dispose of absorbed material in accordance within the regulations.

6.4 Reference to other sections

See SECTION 8+13

SECTION 7: Handling and storage

7.1 Precautions for safe handling

The normal safety precautions for handling chemicals must be observed.

Do not eat, drink, smoke or take drugs at work.
After worktime and before work breaks the affected skin areas must be thoroughly cleaned.
Use barrier skin cream.
Take off contaminated clothing and wash before reuse.

7.2 Conditions for safe storage, including any incompatibilities

Keep only in original container.
Prevent penetration into the ground.

Do not store together with food and animal food/diet.

Keep container tightly closed.
Protect from heat/overheating.

7.3 Specific end use(s)

See product use, SECTION 1.2

SECTION 8: Exposure controls / personal protection

8.1 Control parameters

Ingredients with occupational exposure limits to be monitored (GB)

Substance
Propan-2-ol
CAS: 67-63-0, EINECS/ELINCS: 200-661-7, EU-INDEX: 603-117-00-0, Reg-No.: 01-2119457558-25-XXXX
Long-term exposure: 400 ppm, 999 mg/m³
Short-term exposure (15-minute): 500 ppm, 1250 mg/m³
Acetic acid
CAS: 64-19-7, EINECS/ELINCS: 200-580-7, EU-INDEX: 607-002-00-6, Reg-No.: 01-2119475328-30-XXXX
Long-term exposure: 10 ppm, 25 mg/m³
Short-term exposure (15-minute): 15 ppm, 37 mg/m³

Ingredients with occupational exposure limits to be monitored (EU)

Substance / EC LIMIT VALUES
Acetic acid
CAS: 64-19-7, EINECS/ELINCS: 200-580-7, EU-INDEX: 607-002-00-6, Reg-No.: 01-2119475328-30-XXXX
Eight hours: 10 ppm, 25 mg/m³
Short-term (15-minute): 20 ppm, 50 mg/m³

DNEL

Substance
Acetic acid, CAS: 64-19-7
Industrial, inhalative, Acute - local effects, 25 mg/m³
Industrial, inhalative, Long-term - local effects, 25 mg/m³
general population, inhalative, Acute - local effects, 25 mg/m³
general population, inhalative, Long-term - local effects, 25 mg/m³
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl, N-(C8-18 und C18 unsat. acryl) derivs, inner salt, CAS: 147170-44-3
Industrial, inhalative, Long-term - systemic effects, 44 mg/m³
Industrial, dermal, Long-term - systemic effects, 12,5 mg/k bw/d
general population, oral, Long-term - systemic effects, 7,5 mg/k bw/d
general population, dermal, Long-term - systemic effects, 7,5 mg/k bw/d
general population, inhalative, Long-term - systemic effects, 13,04 mg/m³
Propan-2-ol, CAS: 67-63-0
Industrial, dermal, Long-term - systemic effects, 888 mg/kg bw/day
Industrial, inhalative (vapor), Long-term - systemic effects, 500 mg/m³
general population, inhalative (vapor), Long-term - systemic effects, 89 mg/m³
general population, dermal, Long-term - systemic effects, 319 mg/kg bw/day
general population, oral, Long-term - systemic effects, 26 mg/kg
D-Glucopyranose, oligomers, decyl octyl glycosides, CAS: 68515-73-1
Industrial, dermal, Long-term - systemic effects, 595 000 mg/kg bw/d
Industrial, inhalative, Long-term - systemic effects, 420 mg/m³
general population, inhalative, Long-term - systemic effects, 124 mg/m³
general population, dermal, Long-term - systemic effects, 357 000 mg/kg bw/d
general population, oral, Long-term - systemic effects, 35,7 mg/kg bw/d

PNEC

Substance
Acetic acid, CAS: 64-19-7
freshwater, 3,058 mg/L
sewage treatment plants (STP), 85 mg/l
soil, 0,47 mg/kg soil dw
sediment (seawater), 1,136 mg/kg
sediment (freshwater), 11,36 mg/kg
seawater, 0,306 mg/L
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl, N-(C8-18 und C18 unsat. acryl) derivs, inner salt, CAS: 147170-44-3
seawater, 0,001 mg/L
sewage treatment plants (STP), 3000 mg/L
sediment (freshwater), 14,8 mg/kg sediment dw
sediment (seawater), 1,48 mg/kg sediment dw
soil, 0,8 mg/kg dw
freshwater, 0,013 mg/L
Propan-2-ol, CAS: 67-63-0
seawater, 140,9 mg/l
oral (food), 160 mg/kg food
sediment (freshwater), 552 mg/kg
sediment (seawater), 552 mg/kg
soil, 28 mg/kg
sewage treatment plants (STP), 2251 mg/l
freshwater, 140,9 mg/l
D-Glucopyranose, oligomers, decyl octyl glycosides, CAS: 68515-73-1
freshwater, 0,176 mg/L
seawater, 0,018 mg/L
sewage treatment plants (STP), 560 mg/L
sediment (freshwater), 1,516 mg/kg sediment dw
sediment (seawater), 0,152 mg/kg sediment dw
soil, 0,654 mg/kg
soil, 111,11 mg/kg

8.2 Exposure controls

Additional advice on system design
Ensure adequate ventilation on workstation.
Measurement methods for taking workplace measurements must meet the performance requirements of DIN EN 482. For example, recommendations are given in the IFA's list of hazardous substances.

Eye protection
Safety glasses. (EN 166:2001)

Hand protection
0,4mm Butyl rubber, >120 min (EN 374-1/-2/-3).
The details concerned are recommendations. Please contact the glove supplier for further information.

Skin protection
Protective clothing (EN 340)

Other
Avoid contact with eyes and skin.
Personal protective equipment should be selected specifically for the working place, depending on concentration and quantity handled. The resistance of this equipment to chemicals should be ascertained with the respective supplier.

Respiratory protection
Not required under normal conditions.

Thermal hazards
none

Delimitation and monitoring of the environmental exposition
Protect the environment by applying appropriate control measures to prevent or limit emissions.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state	liquid
Color	green
Odor	characteristic
Odour threshold	not determined
pH-value	4,5
pH-value [1%]	not determined
Boiling point [°C]	ca. 100
Flash point [°C]	98
Flammability (solid, gas) [°C]	not applicable
Lower explosion limit	not applicable
Upper explosion limit	not applicable
Oxidising properties	no
Vapour pressure/gas pressure [kPa]	not determined
Density [g/cm³]	1,02 (20 °C / 68,0 °F)
Relative density	not determined
Bulk density [kg/m³]	not applicable
Solubility in water	miscible
Solubility other solvents	No information available.
Partition coefficient [n-octanol/water]	not determined
Kinematic viscosity	not applicable
Relative vapour density	not applicable
Evaporation speed	not applicable
Melting point [°C]	not determined
Auto-ignition temperature	not applicable
Decomposition temperature [°C]	not determined
Particle characteristics	not applicable

9.2 Other information

none

SECTION 10: Stability and reactivity

10.1 Reactivity

No dangerous reactions known if used as directed.

10.2 Chemical stability

The product is stable under standard conditions.

10.3 Possibility of hazardous reactions

No hazardous reactions known.

10.4 Conditions to avoid

See SECTION 7.2.

10.5 Incompatible materials

not applicable

10.6 Hazardous decomposition products

No hazardous decomposition products known.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute oral toxicity

Product
ATE-mix, oral, > 2000 mg/kg

Substance
Acetic acid, CAS: 64-19-7
LD50, oral, Rat, 1780 mg/kg (Lit.)
Isotridecanol, ethoxylated, CAS: 69011-36-5
LD50, oral, Rat, > 5000 mg/kg bw
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl, N-(C8-18 und C18 unsat. acryl) derivs, inner salt, CAS: 147170-44-3
LD50, oral, Rat, 4900 mg/kg
LD50, oral, Rat, > 6000 mg/kg (30%)
Propan-2-ol, CAS: 67-63-0
LD50, oral, Rat, 4570 mg/kg
D-Glucopyranose, oligomers, decyl octyl glycosides, CAS: 68515-73-1
LD50, oral, Rat, > 5000 mg/kg (OECD 401)
Poly[3-((2-aminoethyl)amino)propyl]methyl(dimethyl)siloxane, methoxy terminated, CAS: 102782-92-3
LD50, oral, Rat, > 2000 mg/kg

Acute dermal toxicity

Product
ATE-mix, dermal, > 2000 mg/kg

Substance
Acetic acid, CAS: 64-19-7
LD50, dermal, Rabbit, 1060 mg/kg (Lit.)
Isotridecanol, ethoxylated, CAS: 69011-36-5
LD50, dermal, Rat, > 2000 mg/kg bw
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl, N-(C8-18 und C18 unsat. acryl) derivs, inner salt, CAS: 147170-44-3
LD50, dermal, Rat, > 2000 mg/kg (30%)
Propan-2-ol, CAS: 67-63-0
LD50, dermal, Rabbit, 13400 mg/kg
D-Glucopyranose, oligomers, decyl octyl glycosides, CAS: 68515-73-1
LD50, dermal, Rabbit, > 2000 mg/kg (OECD 402)

Acute inhalational toxicity

Product
ATE-mix, inhalation (vapour), > 20 mg/l 4h

Substance
Acetic acid, CAS: 64-19-7
LC50, inhalative, Rat, 11,4 mg/l 4h
Propan-2-ol, CAS: 67-63-0
LC50, inhalative, Rat, 30 mg/l/4h

Serious eye damage/irritation

Risk of serious damage to eyes.
Based on the available information, the classification criteria are fulfilled.
Toxicological data of complete product are not available.
Calculation method

Substance
Acetic acid, CAS: 64-19-7
In vivo study, corrosive
Isotridecanol, ethoxylated, CAS: 69011-36-5
Rabbit, OECD 405, irritant
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl, N-(C8-18 und C18 unsat. acryl) derivs, inner salt, CAS: 147170-44-3
Rabbit, OECD 405, corrosive
Propan-2-ol, CAS: 67-63-0
Eye, Rabbit, Study, irritant
Poly[3-((2-aminoethyl)amino)propyl]methyl(dimethyl)siloxane, methoxy terminated, CAS: 102782-92-3
Eye, Rabbit, corrosive

Skin corrosion/irritation

Based on the available information, the classification criteria are not fulfilled.
Toxicological data of complete product are not available.

Substance
Acetic acid, CAS: 64-19-7
In vivo study, corrosive
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl, N-(C8-18 und C18 unsat. acryl) derivs, inner salt, CAS: 147170-44-3
Rabbit, OECD 404, non-irritating
Propan-2-ol, CAS: 67-63-0
dermal, Rabbit, non-irritating
Poly[3-((2-aminoethyl)amino)propyl]methyl(dimethyl)siloxane, methoxy terminated, CAS: 102782-92-3
dermal, Rabbit, irritant

Respiratory or skin sensitisation

Does not contain a relevant substance that meets the classification criteria.
Based on the available information, the classification criteria are not fulfilled.
Toxicological data of complete product are not available.

Substance
Acetic acid, CAS: 64-19-7
No information available.
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl, N-(C8-18 und C18 unsat. acryl) derivs, inner salt, CAS: 147170-44-3
dermal, OECD 406, non-sensitizing

Specific target organ toxicity — single exposure

Does not contain a relevant substance that meets the classification criteria.
Based on the available information, the classification criteria are not fulfilled.
Toxicological data of complete product are not available.

Substance
Propan-2-ol, CAS: 67-63-0
NOAEL, oral, Rat, 700 mg/kg bw/day, OECD 426, positive

Specific target organ toxicity — repeated exposure

Does not contain a relevant substance that meets the classification criteria.
Based on the available information, the classification criteria are not fulfilled.
Toxicological data of complete product are not available.

Substance
Acetic acid, CAS: 64-19-7

No information available.
Propan-2-ol, CAS: 67-63-0
NOAEC, inhalative, Rat, 12500 mg/m³, OECD 451, negativ

Mutagenicity

Does not contain a relevant substance that meets the classification criteria.
Based on the available information, the classification criteria are not fulfilled.
Toxicological data of complete product are not available.

Substance
Acetic acid, CAS: 64-19-7
In vitro study, negativ
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl, N-(C8-18 und C18 unsat. acryl) derivs, inner salt, CAS: 147170-44-3
OECD 474, negativ
OECD 471, negativ
OECD 476, negativ
Poly[3-((2-aminoethyl)amino)propyl]methyl(dimethyl)siloxane, methoxy terminated, CAS: 102782-92-3
Cell culture, OECD 471, negativ

Reproduction toxicity

Does not contain a relevant substance that meets the classification criteria.
Based on the available information, the classification criteria are not fulfilled.
Toxicological data of complete product are not available.

Substance
Acetic acid, CAS: 64-19-7
NOAEC, oral, mouse, 345 mg/kg bw/day, Study, negativ
Propan-2-ol, CAS: 67-63-0
NOAEL, oral, Rat, 853 mg/kg bw/day, OECD 415, negativ

Carcinogenicity

Does not contain a relevant substance that meets the classification criteria.
Based on the available information, the classification criteria are not fulfilled.
Toxicological data of complete product are not available.

Substance
Acetic acid, CAS: 64-19-7
No information available., negativ
Propan-2-ol, CAS: 67-63-0
NOAEC, inhalative, Rat, 12290 mg/m³, OECD 451, negativ

Aspiration hazard

Does not contain a relevant substance that meets the classification criteria.

General remarks

none

SECTION 12: Ecological information

12.1 Toxicity

Substance
Acetic acid, CAS: 64-19-7
LC50, (96h), Lepomis macrochirus, 75 mg/l
EC50, (24h), Daphnia magna, 47 mg/l
IC5, (16h), Scenedesmus quadricauda (algea), 4000 mg/l
Isotridecanol, ethoxylated, CAS: 69011-36-5
LC50, (96h), Leuciscus idus, > 1 - 10 mg/l
EC50, (72h), Scenedesmus subspicatus, > 1 - 10 mg/l
EC50, (48h), Daphnia magna, > 1 - 10 mg/l
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl, N-(C8-18 und C18 unsat. acryl) derivs, inner salt, CAS: 147170-44-3
LC50, (96h), fish, 1-10 mg/l
LC50, (96h), fish, 3 mg/l (30%)
EC50, (72h), Desmodesmus subspicatus, 15,6 mg/l (30%)
EC50, (48h), Daphnia magna, 1-10 mg/l
EC50, (48h), Daphnia magna, 5 mg/l (30%)
EC50, (48h), Algae, 1-10 mg/l
NOEC, Algae, 0,38 mg/l
NOEC, Daphnia magna, 2,99 mg/l
EC0, (16h), Pseudomonas putida, > 8000 mg/l (30%)
Propan-2-ol, CAS: 67-63-0
EC50, (72h), Scenedesmus subspicatus, > 1000 mg/l
D-Glucopyranose, oligomers, decyl octyl glycosides, CAS: 68515-73-1
LC50, Brachidanio rerio, > 100 mg/l (DIN EN ISO 7346-2)
EC50, Scenedesmus subspicatus, > 10 - 100 mg/l (88/302/EWG)
EC50, Daphnia magna, > 100 mg/l (OECD 202)
NOEC, Daphnia magna, > 1 - 10 mg/l (OECD 202)
NOEC, Brachidanio rerio, > 1 - 10 mg/l (OECD 204)
EC0, Pseudomonas putida, > 100 mg/l (OECD 209)
Pyridine-2-thiol 1-oxide, sodium salt, CAS: 3811-73-2
LC50, (96h), Brachidanio rerio, 0.00767 mg/L (OECD 203)
EC50, (72h), Selenastrum capricornutum, 0.46 mg/L (OECD 201)
EC50, (48h), Daphnia magna, 0.022 mg/L (OECD 202)
NOEC, (72h), Selenastrum capricornutum, 0,08 mg/L (OECD 201)

12.2 Persistence and degradability

Behaviour in environment compartments not determined

Behaviour in sewage plant not determined

Biological degradability The surfactants contained in this preparation comply with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents.
Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

12.3 Bioaccumulative potential

Accumulation in organisms is not expected.

12.4 Mobility in soil

Spillages may penetrate the soil causing ground water contamination.

12.5 Results of PBT and vPvB assessment

Based on all available information not to be classified as PBT or vPvB respectively.

12.6 Endocrine disrupting properties

Contains no ingredients with endocrine-disrupting properties.

12.7 Other adverse effects

None known.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Waste material must be disposed of in accordance with the Directive on waste 2008/98/EC as well as other national and local regulations. It is not possible to determine a waste code for this product in accordance with the European Waste Catalogue (EWC) since it is only possible to classify it according to how it is used by the customer. The waste code is to be determined within the EU in liaison with the waste-disposal operator.

Product

Dispose of as hazardous waste.
For recycling, consult manufacturer.

Waste no. (recommended) 200129*

Contaminated packaging

Uncontaminated packaging may be taken for recycling.
Packaging that cannot be cleaned should be disposed of as for product.

Waste no. (recommended) 150110* packaging containing residues of or contaminated by hazardous substances

SECTION 14: Transport information

14.1 UN number or ID number

Transport by land according to ADR/RID	not applicable
Inland navigation (ADN)	not applicable
Marine transport in accordance with IMDG	not applicable
Air transport in accordance with IATA	not applicable

14.2 UN proper shipping name

Transport by land according to ADR/RID	NO DANGEROUS GOODS
Inland navigation (ADN)	NO DANGEROUS GOODS
Marine transport in accordance with IMDG	NOT CLASSIFIED AS "DANGEROUS GOODS"
Air transport in accordance with IATA	NOT CLASSIFIED AS "DANGEROUS GOODS"

14.3 Transport hazard class(es)

Transport by land according to ADR/RID	not applicable
Inland navigation (ADN)	not applicable
Marine transport in accordance with IMDG	not applicable
Air transport in accordance with IATA	not applicable

14.4 Packing group

Transport by land according to ADR/RID	not applicable
Inland navigation (ADN)	not applicable
Marine transport in accordance with IMDG	not applicable
Air transport in accordance with IATA	not applicable

14.5 Environmental hazards

Transport by land according to ADR/RID	no
Inland navigation (ADN)	no
Marine transport in accordance with IMDG	no
Air transport in accordance with IATA	no

14.6 Special precautions for user

Relevant information under SECTION 6 to 8.

14.7 Maritime transport in bulk according to IMO instruments

not applicable

SECTION 15: Regulatory information

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

EEC-REGULATIONS	2008/98/EC 2000/532/EC); 2010/75/EU; 2004/42/EC; (EC) 648/2004; (EC) 1907/2006 (REACH); (EU) 1272/2008; 75/324/EEC ((EC) 2016/2037); (EU) 2020/878; (EU) 2016/131; (EU) 517/2014
TRANSPORT-REGULATIONS	ADR (2021); IMDG-Code (2021, 40. Amdt.); IATA-DGR (2021)
NATIONAL REGULATIONS (GB):	EH40/2005 Workplace exposure limits (Second edition, published December 2011).
- Observe employment restrictions for people	Observe employment restrictions for mothers-to-be and nursing mothers. Observe employment restrictions for young people.
- VOC (2010/75/CE)	6 %

15.2 Chemical safety assessment

not applicable

SECTION 16: Other information

16.1 Hazard statements (SECTION 3)

H411 Toxic to aquatic life with long lasting effects.
H400 Very toxic to aquatic life.
H332 Harmful if inhaled.
H302 Harmful if swallowed.
H314 Causes severe skin burns and eye damage.
H226 Flammable liquid and vapour.
H315 Causes skin irritation.

H336 May cause drowsiness or dizziness.
H319 Causes serious eye irritation.
H225 Highly flammable liquid and vapour.
H412 Harmful to aquatic life with long lasting effects.
H318 Causes serious eye damage.

16.2 Abbreviations and acronyms:

ADR = Accord européen relatif au transport international des marchandises Dangereuses par Route
RID = Règlement concernant le transport international ferroviaire de marchandises dangereuses
ADN = Accord européen relatif au transport international des marchandises dangereuses par voie de navigation intérieure
ATE = acute toxicity estimate
CAS = Chemical Abstracts Service
CLP = Classification, Labelling and Packaging
DMEL = Derived Minimum Effect Level
DNEL = Derived No Effect Level
EC50 = Median effective concentration
ECB = European Chemicals Bureau
EEC = European Economic Community
EINECS = European Inventory of Existing Commercial Chemical Substances
EL50 = Median effective loading
ELINCS = European List of Notified Chemical Substances
EmS = Emergency Schedules
GHS = Globally Harmonized System of Classification and Labelling of Chemicals
IATA = International Air Transport Association
IBC-Code = International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk
IC50 = Inhibition concentration, 50%
IMDG = International Maritime Code for Dangerous Goods
IUCLID = International Uniform ChemicaL Information Database
IVIS = In vitro irritation score
LC50 = Lethal concentration, 50%
LD50 = Median lethal dose
LC0 = lethal concentration, 0%
LOAEL = lowest-observed-adverse-effect level
LL50 = Median lethal loading
LQ = Limited Quantities
MARPOL = International Convention for the Prevention of Marine Pollution from Ships
NOAEL = No Observed Adverse Effect Level
NOEC = No Observed Effect Concentration
PBT = Persistent, Bioaccumulative and Toxic substance
PNEC = Predicted No-Effect Concentration
REACH = Registration, Evaluation, Authorisation and Restriction of Chemicals
STP = Sewage Treatment Plant
TLV®/TWA = Threshold limit value – time-weighted average
TLV®STEL = Threshold limit value – short-time exposure limit
VOC = Volatile Organic Compounds
vPvB = very Persistent and very Bioaccumulative

16.3 Other information

Classification procedure Eye Dam. 1: H318 Causes serious eye damage. (Calculation method)

Modified position SECTION 2 been added: Contains no ingredients with endocrine-disrupting properties.

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