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

1.1 Product identifier

Wash & Foam
UFI: PN6U-V6V2-220M-XJTW

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

1.2.1 Relevant uses

Cleaning agent

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 (No dispatch of safety data sheets)

Safety data sheets are available from the supplier.

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]

Skin Irrit. 2: H315 Causes skin irritation.
Eye Dam. 1: H318 Causes serious eye damage.

2.2 Label elements

Hazard pictograms



Signal word DANGER

Contains: Alcohol C9-11 ethoxylated

Sodium hydroxide

Hazard statements

H315 Causes skin irritation.
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% non-ionic surfactants
< 5% anionic surfactant
< 5% amphoteric surfactants

2.3 Other hazards

Human health dangers The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Environmental hazards This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

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

Range [%]	Substance
1 - 5	Sodium cumenesulphonate
	CAS: 28348-53-0, EINECS/ELINCS: 248-983-7, Reg-No.: 01-2119489411-37-XXXX
	GHS/CLP: Eye Irrit. 2: H319
1 - 5	β-Alanine, N-(2-carboxyethyl)-, N-coco alkyl derivs., disodium salts
	CAS: 90170-43-7, EINECS/ELINCS: 290-476-8
	GHS/CLP: Eye Irrit. 2: H319
1 - < 3	Alcohol C9-11 ethoxylated
	CAS: 68439-46-3, EINECS/ELINCS: Polymer
	GHS/CLP: Acute Tox. 4: H302 - Eye Dam. 1: H318
1 - < 2	Sodium hydroxide
	CAS: 1310-73-2, EINECS/ELINCS: 215-185-5, EU-INDEX: 011-002-00-6
	GHS/CLP: Skin Corr. 1A: H314 - Eye Dam. 1: H318 - Met. Corr. 1: H290
	SCL [%]: 0,5 - <2: Eye Irrit. 2: H319, 0,5 - <2: Skin Irrit. 2: H315, 2 - <5: Skin Corr. 1B: H314, >= 5: Skin Corr. 1A: H314
1 - < 3	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
	GHS/CLP: Eye Dam. 1: H318 - Aquatic Chronic 3: H412
	SCL [%]: >=10: Eye Dam. 1: H318, 4 - <10: Eye Irrit. 2: H319
1 - < 3	Alcohols, C12-14, ethoxylated, sulfates, sodium salts
	CAS: 68891-38-3, EINECS/ELINCS: 500-234-8, Reg-No.: 01-2119488639-16-XXXX
	GHS/CLP: Skin Irrit. 2: H315 - Eye Dam. 1: H318 - Aquatic Chronic 3: H412
	SCL [%]: >= 10: Eye Dam. 1: H318, >=5 - <10: Eye Irrit. 2: H319

Comment on component parts 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 Rinse out mouth and give plenty of water to drink.
Do not induce vomiting.
Consult a doctor immediately.

4.2 Most important symptoms and effects, both acute and delayed

Irritant effects

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

Carbon dioxide.
Foam.
Dry powder.
Water spray jet.

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

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

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, 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.
Wash hands before breaks and after work.
Use barrier skin cream.
Keep away from food and drink.
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.
Keep container in a well-ventilated place.

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 EU (2004/37/EG)

not relevant

DNEL

Substance
Alcohols, C12-14, ethoxylated, sulfates, sodium salts, CAS: 68891-38-3
Industrial, dermal, Long-term - systemic effects, 2750 mg/kg
Industrial, inhalative, Long-term - systemic effects, 175 mg/m³
Industrial, dermal, Long-term - local effects, 132 µg/cm²
general population, inhalative, Long-term - systemic effects, 52 mg/m³
general population, dermal, Long-term - systemic effects, 1650 mg/kg bw/day
general population, dermal, Long-term - local effects, 79 µg/cm²
general population, oral, Long-term - systemic effects, 15 mg/kg bw/day
Sodium cumenesulphonate, CAS: 28348-53-0
Industrial, inhalative, Long-term - systemic effects, 4,02 mg/m³
Industrial, inhalative, Long-term - local effects, 4,02 mg/m³
Industrial, inhalative, Acute - systemic effects, 770 mg/m³
Industrial, inhalative, Acute - local effects, 770 mg/m³
Industrial, dermal, Long-term - systemic effects, 32 mg/kg bw/day
Industrial, dermal, Acute - systemic effects, 20 mg/kg bw/day
Industrial, dermal, Long-term - local effects, 4,49 mg/cm²
general population, inhalative, Long-term - systemic effects, 1,98 mg/m³
general population, inhalative, Acute - systemic effects, 770 mg/m³
general population, inhalative, Long-term - local effects, 1,98 mg/m³
general population, inhalative, Acute - local effects, 770 mg/m³
general population, dermal, Long-term - systemic effects, 16 mg/kg bw/day
general population, dermal, Acute - systemic effects, 40 mg/kg bw/day
general population, dermal, Long-term - local effects, 0,45 mg/cm²
general population, oral, Long-term - systemic effects, 1,14 mg/kg bw/day
general population, oral, Acute - systemic effects, 70 mg/kg bw/day

PNEC

Substance
Alcohols, C12-14, ethoxylated, sulfates, sodium salts, CAS: 68891-38-3
freshwater, 0,24 mg/l
seawater, 0,024 mg/l
sewage treatment plants (STP), 10000 mg/l
sediment (freshwater), 0,917 mg/kg
sediment (seawater), 0,092 mg/kg
soil, 7,5 mg/kg
Sodium cumenesulphonate, CAS: 28348-53-0
seawater, 0,023 mg/L
sewage treatment plants (STP), 160 mg/L
sediment (freshwater), 0,89 mg/kg sediment dw
sediment (seawater), 0,089 mg/kg sediment dw 0,89 mg/kg sediment dw
soil, 1,954 mg/kg soil dw

freshwater, 0,23 mg/l

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	0,4 mm; Butyl rubber, >480 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	In the event of occupational exposure limits being exceeded or of inadequate ventilation: wear appropriate respiratory protection. Short term: filter apparatus, filter P2. (DIN EN 143)
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
Form	liquid
Color	red
Odor	characteristic
Odour threshold	not applicable
pH-value	11,4
pH-value [1%]	not determined
Boiling point or initial boiling point and boiling range [°C]	not determined
Flash point [°C]	not applicable
Flammability	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]	1,09 (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 (log value)	not determined
Kinematic viscosity	not relevant
Relative vapour density	not determined
Melting point [°C]	not determined
Auto-ignition temperature [°C]	not self-igniting
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

Reactions with acids.

10.4 Conditions to avoid

See SECTION 7

10.5 Incompatible materials

Acids

10.6 Hazardous decomposition products

No hazardous decomposition products known.

SECTION 11: Toxicological information

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

Acute oral toxicity

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

Substance
Alcohol C9-11 ethoxylated, CAS: 68439-46-3
ATE, oral, 500 mg/kg
β-Alanine, N-(2-carboxyethyl)-, N-coco alkyl derivs., disodium salts, CAS: 90170-43-7
LD50, oral, Rat, > 2000 mg/kg
Alcohols, C12-14, ethoxylated, sulfates, sodium salts, CAS: 68891-38-3
LD50, oral, Rat, > 2000 - 5000 mg/kg (OECD 401)
Sodium cumenesulphonate, CAS: 28348-53-0
LD50, oral, Rat, 7000 mg/kg
Sodium hydroxide, CAS: 1310-73-2
LDLo, oral, Rabbit, 500 mg/kg (Lit.)
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, > 2335 mg/kg

Acute dermal toxicity

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

Substance
Alcohol C9-11 ethoxylated, CAS: 68439-46-3
LD50, dermal, > 2000 mg/kg
Alcohols, C12-14, ethoxylated, sulfates, sodium salts, CAS: 68891-38-3
LD50, dermal, Rat, > 2000 mg/kg (OECD 402)
Sodium cumenesulphonate, CAS: 28348-53-0
LD50, dermal, Rabbit, > 2000 mg/kg
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl, N-(C8-18 und C18 unsat. acryl) derivs, inner salt, CAS: 147170-44-3
LD0, dermal, Rat, > 2000 mg/kg

Acute inhalational toxicity

Product
ATE-mix, inhalativ (mist), > 5 mg/l 4h

Substance
Alcohol C9-11 ethoxylated, CAS: 68439-46-3
LC50, inhalative, > 20 mg/l, 4h
Sodium cumenesulphonate, CAS: 28348-53-0
LC50, inhalative, Rat, 770 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
Alcohol C9-11 ethoxylated, CAS: 68439-46-3
Eye, Causes serious eye damage.
β-Alanine, N-(2-carboxyethyl)-, N-coco alkyl derivs., disodium salts, CAS: 90170-43-7
Eye, irritant
Alcohols, C12-14, ethoxylated, sulfates, sodium salts, CAS: 68891-38-3
Eye, OECD 405, Can cause irreversible damage to the eyes.
Sodium cumenesulphonate, CAS: 28348-53-0
Eye, irritant
Sodium hydroxide, CAS: 1310-73-2
Eye, 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 405, corrosive

Skin corrosion/irritation

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

Substance
Alcohols, C12-14, ethoxylated, sulfates, sodium salts, CAS: 68891-38-3
dermal, OECD 404, irritant
Sodium cumenesulphonate, CAS: 28348-53-0
dermal, non-irritating
Sodium hydroxide, CAS: 1310-73-2
dermal, 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

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
Alcohols, C12-14, ethoxylated, sulfates, sodium salts, CAS: 68891-38-3
dermal, non-sensitizing
Sodium cumenesulphonate, CAS: 28348-53-0
dermal, non-sensitizing
inhalative, non-sensitizing
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.

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
Alcohols, C12-14, ethoxylated, sulfates, sodium salts, CAS: 68891-38-3

NOAEL, oral, Rat, 225 mg/kg bw/day (subchronic), no adverse effect observed
Sodium cumenesulphonate, CAS: 28348-53-0
NOAEL, oral, Rat, 114 mg/kg bw/day (subchronic), no adverse effect observed
NOAEL, dermal, Rat, 800 mg/kg bw/day (subchronic), no adverse effect observed

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
Alcohols, C12-14, ethoxylated, sulfates, sodium salts, CAS: 68891-38-3
in vitro, negativ
in vivo, negativ
Sodium cumenesulphonate, CAS: 28348-53-0
in vitro, negativ
in vivo, 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.

- Fertility

Substance
Alcohols, C12-14, ethoxylated, sulfates, sodium salts, CAS: 68891-38-3
NOAEL, oral, Rat, 300 mg/kg bw/day (subchronic), no adverse effect observed
Sodium cumenesulphonate, CAS: 28348-53-0
NOAEL, oral, Rat, 1000 mg/kg bw/day (subchronic), no adverse effect observed

- Development

Substance
Alcohols, C12-14, ethoxylated, sulfates, sodium salts, CAS: 68891-38-3
NOEL, oral, Rat, 300 mg/kg bw/day (subchronic), no adverse effect observed
Sodium cumenesulphonate, CAS: 28348-53-0
NOAEL, oral, Rat, 1000 mg/kg bw/day (subchronic), no adverse effect observed

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
Sodium cumenesulphonate, CAS: 28348-53-0
NOAEL, dermal, Rat, 240 mg/kg bw/day (chronic), no adverse effect observed

Aspiration hazard

Does not contain a relevant substance that meets the classification criteria.
Based on the available information, the classification criteria are not fulfilled.

General remarks

none

11.2 Information on other hazards

11.2.1 Endocrine disrupting properties

The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

11.2.2 Other information

SECTION 12: Ecological information

12.1 Toxicity

Substance
Alcohol C9-11 ethoxylated, CAS: 68439-46-3
LC50, (96h), fish, 113 mg/L (QSAR)
Alcohols, C12-14, ethoxylated, sulfates, sodium salts, CAS: 68891-38-3
LC50, (96h), Danio rerio, 7,1 mg/L OECD 203
EC50, (48h), Daphnia magna, 7,4 mg/L OECD 202
NOEC, (28d), Oncorhynchus mykiss, 0,14 mg/L OECD 215
NOEC, (21d), Daphnia magna, 0,27 mg/L OECD 211
ErC50, (72h), Scenedesmus subspicatus, 27,7 mg/L OECD 201
Sodium cumenesulphonate, CAS: 28348-53-0
LC50, (96h), fish, > 450 mg/l
EC50, (48h), Daphnia magna, > 450 mg/l
IC50, (72h), Algae, > 1000 mg/l
Sodium hydroxide, CAS: 1310-73-2
LC50, (48h), Leuciscus idus, 189 mg/l (OECD 203)
EC50, Daphnia sp., > 100 mg/l (OECD 202)
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl, N-(C8-18 und C18 unsat. acryl) derivs, inner salt, CAS: 147170-44-3
EC50, (96h), fish, 1,1 mg/L
EC50, (48h), Daphnia magna, 1,9 mg/L
EC50, (72h), Algae, 1,5 mg/L

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

The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

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.

Waste no. (recommended) 200129*

Contaminated packaging

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

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/EG (2000/532/EC); 2010/75/EU; 2004/42/EG; (EG) 648/2004; (EC) 1907/2006 (REACH); (EU) 1272/2008; 75/324/EWG ((EC) 2016/2037); (EU) 2020/878; (EU) 2016/131; (EU) 517/2014; (EU) 2019/1148; (EU) 2019/1021, (EU) 2023/707
- Comment on component parts	Substances of Very High Concern - SVHC: substances are not contained or are below 0.1%.
- Annex XIV (REACH)	According to Annex XIV of Regulation (EC) 1907/2006 (REACH) the product does not contain any substances ≥ 0.1% that are subject to authorisation.
- Annex XVII (REACH)	According to Annex XVII of Regulation (EC) 1907/2006 (REACH) the product contains ≥ 0.1% of substances with the following restrictions. 75 According to Annex XVII of Regulation (EC) 1907/2006 (REACH) the product is subject to the following restrictions. 3
TRANSPORT-REGULATIONS	ADR (2023); IMDG-Code (2023, 41. Amdt.); IATA-DGR (2024)
NATIONAL REGULATIONS (EU):	
- 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)	< 1 %

15.2 Chemical safety assessment

not applicable

SECTION 16: Other information

16.1 Hazard statements (SECTION 3)

H315 Causes skin irritation.
H412 Harmful to aquatic life with long lasting effects.
H290 May be corrosive to metals.
H314 Causes severe skin burns and eye damage.
H318 Causes serious eye damage.
H302 Harmful if swallowed.
H319 Causes serious eye irritation.

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

This document does not comply with Regulation (EC) No 1907/2006, article 31 (5) and may be used for internal purposes only.

Classification procedure	Skin Irrit. 2: H315 Causes skin irritation. (Calculation method) Eye Dam. 1: H318 Causes serious eye damage. (Calculation method)
Modified position	none

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