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

1.1 Product identifier

Tyre
UFI: X7M1-K7C8-H209-Y5P4

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

1.2.1 Relevant uses

Tire care

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]

Eye Dam. 1: H318 Causes serious eye damage.
Aquatic Chronic 3: H412 Harmful to aquatic life with long lasting effects.

2.2 Label elements

The product is required to be labelled in accordance with regulation CLP.

Hazard pictograms



Signal word DANGER

Contains: Hexadecyl-aminoethylaminopropyl-polydimethylsiloxan

Oxirane, 2-methyl-, polymer with oxirane, mono(2-propylheptyl)ether

Hazard statements

H318 Causes serious eye damage.
H412 Harmful to aquatic life with long lasting effects.

Precautionary statements

P273 Avoid release to the environment.
P280 Wear 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.
P501 Dispose of contents/container in accordance with local/national regulation.

2.3 Other hazards

Human health dangers It is essential for pregnant women to avoid inhaling the product and not to let it come in contact with the skin.
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 components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB).

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	Hexadecyl-aminoethylaminopropyl-polydimethylsiloxan
	EINECS/ELINCS: 945-969-9
	GHS/CLP: Skin Irrit. 2: H315 - Eye Dam. 1: H318
1 - <5	Hexadecen
	CAS: 26952-14-7, EINECS/ELINCS: 248-131-4, Reg-No.: 01-2119486450-38-XXXX
	GHS/CLP: Asp. Tox. 1: H304
1 - <5	Oxirane, 2-methyl-, polymer with oxirane, mono(2-propylheptyl)ether
	CAS: 166736-08-9, EINECS/ELINCS: 605-450-7
	GHS/CLP: Acute Tox. 4: H302 - Eye Dam. 1: H318
0,1 - <0,25	Dodecamethylcyclohexasiloxane (non-classified PBT/vPvB substance)
	CAS: 540-97-6, EINECS/ELINCS: 208-762-8, Reg-No.: 01-2119517435-42-XXXX
0,1 - <0,25	Decamethylcyclopentasiloxane (non-classified PBT/vPvB substance)
	CAS: 541-02-6, EINECS/ELINCS: 208-764-9, Reg-No.: 01-2119511367-43-XXXX
0,1 - <0,25	Octamethylcyclotetrasiloxane
	CAS: 556-67-2, EINECS/ELINCS: 209-136-7, EU-INDEX: 014-018-00-1, Reg-No.: 01-2119529238-36-XXXX
	GHS/CLP: Flam. Liq. 3: H226 - Repr. 2: H361f - Aquatic Chronic 1: H410, M-Factor (acute): 1, M-Factor (chronic): 10

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.
Consult a doctor immediately.

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

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

All extinguishing media are suitable but method must take into account the surrounding area to minimize dispersion.

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 clothing.
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

Take up with absorbent material (e.g. general-purpose binder).
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

Use personal protective equipment.
Use only in well-ventilated areas.

After worktime and before work breaks the affected skin areas must be thoroughly cleaned.
Use barrier skin cream.
Do not eat, drink, smoke or take drugs at work.
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 in a well-ventilated place.
Keep container tightly closed.
Protect from heat/overheating.
Keep away from frost.
Recommended storage temperature: 10-25 °C (40 - 77 °F).

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
Decamethylcyclopentasiloxane (non-classified PBT/vPvB substance), CAS: 541-02-6
Industrial, inhalative, Acute - systemic effects, 97,3 mg/m³
Industrial, inhalative, Acute - local effects, 24,2 mg/m³
Industrial, inhalative, Long-term - local effects, 24,2 mg/m³
Industrial, inhalative, Long-term - systemic effects, 97,3 mg/m³
general population, inhalative, Acute - systemic effects, 17,3 mg/m³
general population, inhalative, Acute - local effects, 4,3 mg/m³
general population, inhalative, Long-term - systemic effects, 17,3 mg/m³
general population, inhalative, Long-term - local effects, 4,3 mg/m³
general population, oral, Acute - systemic effects, 5 mg/kg bw/d
general population, oral, Long-term - systemic effects, 5 mg/kg bw/d
Dodecamethylcyclohexasiloxane (non-classified PBT/vPvB substance), CAS: 540-97-6
Industrial, inhalative, Long-term - local effects, 1,22 mg/m³
Industrial, inhalative, Acute - local effects, 6,1 mg/m³
general population, inhalative, Long-term - local effects, 0,3 mg/m³
general population, inhalative, Acute - local effects, 1,5 mg/m³
Hexadecen, CAS: 26952-14-7
There are no DNEL values established for the substance.
Octamethylcyclotetrasiloxane, CAS: 556-67-2
Industrial, inhalative, Long-term - local effects, 73 mg/m³
Industrial, inhalative, Long-term - systemic effects, 73 mg/m³
general population, inhalative, Long-term - systemic effects, 13 mg/m³
general population, inhalative, Long-term - local effects, 13 mg/m³
general population, oral, Long-term - systemic effects, 3,7 mg/kg bw/day

PNEC

Substance
Decamethylcyclopentasiloxane (non-classified PBT/vPvB substance), CAS: 541-02-6
freshwater, 0,0012 mg/l
seawater, 0,00012 mg/l
sediment (freshwater), 2,39 mg/kg dw
sediment (seawater), 0,239 mg/kg dw
sewage treatment plants (STP), > 10 mg/l
soil, 3,34 mg/kg dw
Dodecamethylcyclohexasiloxane (non-classified PBT/vPvB substance), CAS: 540-97-6
sediment (freshwater), 13 mg/kg sediment dw
sediment (seawater), 1,3 mg/kg sediment dw
oral (food), 66,7 mg/kg
Hexadecen, CAS: 26952-14-7
freshwater, 0,001 mg/L
seawater, 0,001 mg/L

sediment (freshwater), 363 mg/kg sediment dw
sediment (seawater), 363 mg/kg sediment dw
soil, 72,5 mg/kg soil dw
Octamethylcyclotetrasiloxane, CAS: 556-67-2
freshwater, 1,5 µg/L
seawater, 0,15 µg/L
sewage treatment plants (STP), 10 mg/L
sediment (freshwater), 3 mg/kg sediment dw
sediment (seawater), 0,3 mg/kg sediment dw
soil, 0,84 mg/kg soil dw
oral (food), 41 mg/kg food

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, >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. Do not breathe vapour/spray. 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. Avoid contact during pregnancy/ while nursing.
Respiratory protection	Breathing apparatus in the event of aerosol or mist formation. 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	weakly violet
Odor	characteristic
Odour threshold	not determined
pH-value	not determined
pH-value [1%]	not determined
Boiling point or initial boiling point and boiling range [°C]	not determined
Flash point [°C]	> 61
Flammability	no
Lower explosion limit	not determined
Upper explosion limit	not determined
Oxidising properties	no
Vapour pressure/gas pressure [kPa]	not determined
Density [g/cm³]	0,985
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 relevant
Melting point [°C]	not determined
Auto-ignition temperature [°C]	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

Reactions with oxidizing agents.

10.4 Conditions to avoid

See SECTION 7.2.

10.5 Incompatible materials

Strong oxidizing agent.

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
Decamethylcyclopentasiloxane (non-classified PBT/vPvB substance), CAS: 541-02-6
LD50, oral, Rat, > 5000 mg/kg bw
Dodecamethylcyclohexasiloxane (non-classified PBT/vPvB substance), CAS: 540-97-6
LD50, oral, Rat, > 2000 mg/kg (OECD 423)
Oxirane, 2-methyl-, polymer with oxirane, mono(2-propylheptyl)ether, CAS: 166736-08-9
LD50, oral, Rat, 300 - 2000 mg/kg
Hexadecen, CAS: 26952-14-7
LD50, oral, Rat, 2000 - 10000 mg/kg
Octamethylcyclotetrasiloxane, CAS: 556-67-2
LD50, oral, Rat, 4800 mg/kg

Acute dermal toxicity

Product
dermal, Based on the available information, the classification criteria are not fulfilled.

Substance
Decamethylcyclopentasiloxane (non-classified PBT/vPvB substance), CAS: 541-02-6
LD50, dermal, Rabbit, > 2000 mg/kg bw
Dodecamethylcyclohexasiloxane (non-classified PBT/vPvB substance), CAS: 540-97-6
LD50, dermal, Rat, > 2000 mg/kg (OECD 402)
Hexadecen, CAS: 26952-14-7
LD50, dermal, Rabbit, > 2000 mg/kg
Octamethylcyclotetrasiloxane, CAS: 556-67-2
LD50, dermal, Rat, > 2400 mg/kg

Acute inhalational toxicity

Product
inhalative, Based on the available information, the classification criteria are not fulfilled.

Substance
Decamethylcyclopentasiloxane (non-classified PBT/vPvB substance), CAS: 541-02-6
LD50, inhalativ (mist), Rat, 8,67 mg/l/4h
Octamethylcyclotetrasiloxane, CAS: 556-67-2
LC50, inhalative, Rat, 36 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
Decamethylcyclopentasiloxane (non-classified PBT/vPvB substance), CAS: 541-02-6

Eye, non-irritating
Dodecamethylcyclohexasiloxane (non-classified PBT/vPvB substance), CAS: 540-97-6
Eye, non-irritating
Hexadecen, CAS: 26952-14-7
Eye, non-irritating
Octamethylcyclotetrasiloxane, CAS: 556-67-2
Eye, non-irritating

Skin corrosion/irritation

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

Substance
Decamethylcyclopentasiloxane (non-classified PBT/vPvB substance), CAS: 541-02-6
dermal, non-irritating
Dodecamethylcyclohexasiloxane (non-classified PBT/vPvB substance), CAS: 540-97-6
dermal, non-irritating
Hexadecen, CAS: 26952-14-7
dermal, non-irritating
Octamethylcyclotetrasiloxane, CAS: 556-67-2
dermal, 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
Decamethylcyclopentasiloxane (non-classified PBT/vPvB substance), CAS: 541-02-6
dermal, non-sensitizing
Dodecamethylcyclohexasiloxane (non-classified PBT/vPvB substance), CAS: 540-97-6
dermal, non-sensitizing
Hexadecen, CAS: 26952-14-7
dermal, non-sensitizing
Octamethylcyclotetrasiloxane, CAS: 556-67-2
dermal, 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
Decamethylcyclopentasiloxane (non-classified PBT/vPvB substance), CAS: 541-02-6
NOAEL, oral, Rat, 1000 mg/kg bw/day
NOAEL, dermal, Rat, 1600 mg/kg bw/day
NOAEC, inhalative, Rat, 2420 mg/m³
Dodecamethylcyclohexasiloxane (non-classified PBT/vPvB substance), CAS: 540-97-6
NOAEL, oral, Rat, 1000 mg/kg bw/day
NOAEC, inhalative, Rat, 546 mg/kg bw/day
LOAEC, inhalative, Rat, 182 mg/kg bw/day
Hexadecen, CAS: 26952-14-7
NOAEL, oral, Rat, 500 - 1000 mg/kg bw/day

Octamethylcyclotetrasiloxane, CAS: 556-67-2
dermal, Rabbit, 960 mg/kg bw/day (subacute), 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
Decamethylcyclopentasiloxane (non-classified PBT/vPvB substance), CAS: 541-02-6
in vitro, negativ
in vivo, negativ
Dodecamethylcyclohexasiloxane (non-classified PBT/vPvB substance), CAS: 540-97-6
in vitro, negativ
in vivo, negativ
Octamethylcyclotetrasiloxane, CAS: 556-67-2
in vitro, negativ
in vivo, negativ

Reproduction toxicity

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

- Fertility

Substance
Decamethylcyclopentasiloxane (non-classified PBT/vPvB substance), CAS: 541-02-6
NOAEC, inhalative, Rat, 2420 mg/m³
Dodecamethylcyclohexasiloxane (non-classified PBT/vPvB substance), CAS: 540-97-6
NOAEL, oral, Rat, 1000 mg/kg bw/d
Hexadecen, CAS: 26952-14-7
NOAEL, oral, Rat, 300 mg/kg bw/day, The effects observed are not sufficient for classification.
Octamethylcyclotetrasiloxane, CAS: 556-67-2
NOAEC, inhalative, Rat, 3640 mg/m³ (subchronic), adverse effect observed

- Development

Substance
Decamethylcyclopentasiloxane (non-classified PBT/vPvB substance), CAS: 541-02-6
NOAEC, inhalative, Rat, 2427 mg/m³
Hexadecen, CAS: 26952-14-7
NOAEL, oral, Rat, 1000 mg/kg bw/day
Octamethylcyclotetrasiloxane, CAS: 556-67-2
NOAEC, inhalative, Rabbit, 6066 mg/m³ (subacute), 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
Octamethylcyclotetrasiloxane, CAS: 556-67-2
NOAEC, inhalative, Rat, 8492 mg/m³ (chronic), The effects observed are not sufficient for classification.

Aspiration hazard

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 Contains no ingredients with endocrine-disrupting properties.

11.2.2 Other information none

SECTION 12: Ecological information

12.1 Toxicity

Substance
Dodecamethylcyclohexasiloxane (non-classified PBT/vPvB substance), CAS: 540-97-6
EC50, (72h), Pseudokirchneriella subcapitata, > 0,002 mg/l
EC50, (3h), Bacteria, 100 mg/l
NOEC, (28d), 130 mg/kg sediment dw
NOEC, (28d), 1 g/kg soil dw
NOEC, (21d), Daphnia magna, >= 0,0046 mg/l
NOEC, (72h), Pseudokirchneriella subcapitata, >= 0,002 mg/l
Oxirane, 2-methyl-, polymer with oxirane, mono(2-propylheptyl)ether, CAS: 166736-08-9
LC50, (96h), Brachidanio rerio, 10 - 100 mg/l
EC50, (48h), Daphnia magna, 10 - 100 mg/l
EC50, (72h), Scenedesmus subspicatus, 10 - 100 mg/l
Hexadecen, CAS: 26952-14-7
LC50, (4d), Fish, 3,4 - 6600 µg/L
Octamethylcyclotetrasiloxane, CAS: 556-67-2
EC50, (48h), Invertebrates, 0,015 mg/L
NOEC, (48h), Invertebrates, 0,015 mg/L

12.2 Persistence and degradability

Behaviour in environment compartments not determined

Behaviour in sewage plant not determined

Biological degradability not determined

12.3 Bioaccumulative potential

No information available.

12.4 Mobility in soil

Spillages may penetrate the soil causing ground water contamination.

12.5 Results of PBT and vPvB assessment

The mixture contains the following substances which fulfill the PBT and/or vPvB criteria according to REACH criteria, Annex XIII:
CAS 556-67-2
CAS 541-02-6
CAS 540-97-6

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

Coordinate disposal with the authorities if necessary.

Waste no. (recommended) 110198*

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/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	SVHC (Candidate List of Substances of Very High Concern for authorisation) ≥ 0.1% CAS 556-67-2 - Octamethylcyclotetrasiloxane CAS 541-02-6 - Decamethylcyclopentasiloxane (non-classified PBT/vPvB substance) CAS 540-97-6 - Dodecamethylcyclohexasiloxane (non-classified PBT/vPvB substance)
- 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. 40, 70, 75
	According to Annex XVII of Regulation (EC) 1907/2006 (REACH) the product is subject to the following restrictions. 3, 70
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)	< 0,5 %

15.2 Chemical safety assessment

not applicable

SECTION 16: Other information

16.1 Hazard statements (SECTION 3)

H410 Very toxic to aquatic life with long lasting effects.
H361f Suspected of damaging fertility.
H226 Flammable liquid and vapour.
H302 Harmful if swallowed.
H304 May be fatal if swallowed and enters airways.
H318 Causes serious eye damage.
H315 Causes skin 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 Eye Dam. 1: H318 Causes serious eye damage. (Calculation method)
Aquatic Chronic 3: H412 Harmful to aquatic life with long lasting effects. (Calculation method)

Modified position none

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