SAFETY DATA SHEET

Electroclean Slow

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

1.1. Product identifier

Trade name

Electroclean Slow

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

▼Relevant identified uses of the substance or mixture

No special.

▼Uses advised against

No special.

1.3. Details of the supplier of the safety data sheet

Company and address

Vecom Marine B.V.
Mozartlaan 3
3144 NA Maassluis
The Netherlands
+31 (0) 10-5930210
-
https://vecom-marine.com

Contact person

Vecom Marine B.V.

E-mail

sales@vecom-marine.com

Revision

8/31/2022

SDS Version

3.0

Date of previous version

4/11/2022 (2.0)

1.4. Emergency telephone number

National Poisons Information Centre (NVIC): +31 (0)88-755-8000 (24 hour service)
Only intended to inform professional emergency services in case of acute poisoning.
See section 4 on first aid measures.

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Asp. Tox. 1; H304, May be fatal if swallowed and enters airways.
Skin Irrit. 2; H315, Causes skin irritation.
Skin Sens. 1; H317, May cause an allergic skin reaction.
STOT SE 3; H336, May cause drowsiness or dizziness.
Carc. 2; H351, Suspected of causing cancer.
Aquatic Chronic 2; H411, Toxic to aquatic life with long lasting effects.

2.2. Label elements

Hazard pictogram(s)

Signal word

Danger

Hazard statement(s)

May be fatal if swallowed and enters airways. (H304)
Causes skin irritation. (H315)
May cause an allergic skin reaction. (H317)
May cause drowsiness or dizziness. (H336)
Suspected of causing cancer. (H351)
Toxic to aquatic life with long lasting effects. (H411)

Safety statement(s)

General

-

Prevention

Obtain special instructions before use. (P201)
Wear eye protection/protective gloves/protective clothing. (P280)

Response

IF SWALLOWED: Immediately call a POISON CENTER/doctor. (P301+P310)
Do NOT induce vomiting. (P331)

Storage

Store in a well-ventilated place. Keep container tightly closed. (P403+P233)

Disposal

Dispose of contents/container to an approved waste disposal plant. (P501)

▼Hazardous substances

Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclic, aromatics (2-25%)
tetrachloroethylene

▼Additional labelling

Not applicable.

2.3. Other hazards

Additional warnings

This mixture/product does not contain any substances considered to meet the criteria classifying them as PBT and/or vPvB.

SECTION 3: Composition/information on ingredients

▼3.2. Mixtures

Product/substance	Identifiers	% w/w	Classification	Note
Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclic, aromatics (2-25%)	CAS No.: EC No.: 919-164-8 REACH: 01-2119473977-17 Index No.:	40-60%	EUH066 Asp. Tox. 1, H304	
tetrachloroethylene	CAS No.: 127-18-4 EC No.: 204-825-9 REACH: 01-2119475329-28-XXXX Index No.: 602-028-00-4	40-60%	Skin Irrit. 2, H315 Skin Sens. 1, H317 STOT SE 3, H336 Carc. 2, H351 Aquatic Chronic 2, H411	[1]

See full text of H-phrases in section 16. Occupational exposure limits are listed in section 8, if these are available.

▼Other information

[1] European occupational exposure limit.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

In the case of accident: Contact a doctor or casualty department – take the label or this safety data sheet.
Contact a doctor if in doubt about the injured person's condition or if the symptoms persist. Never give an unconscious person water or other drink.

Inhalation

Upon breathing difficulties or irritation of the respiratory tract: Bring the person into fresh air and stay with him/her.

Skin contact

Remove contaminated clothing and shoes immediately. Ensure to wash exposed skin thoroughly with water and soap. Skin cleanser can be used. DO NOT use solvents or thinners.
If skin irritation occurs: Get medical advice/attention.

Eye contact

Upon irritation of the eye: Remove contact lenses and open eyes widely. Flush eyes with water or saline water(20-30°C) for at least 5 minutes. Seek medical assistance and continue flushing during transport.

Ingestion

IF SWALLOWED: Immediately call a POISON CENTER/doctor.
Do not induce vomiting! If vomiting occurs, keep head facing down so that vomit does not get into the lungs. Call a doctor or ambulance. Symptoms of chemical pneumonia can appear after several hours. People who have swallowed the product should therefore be kept under medical attention for at least 48 hours.

▼Burns

Not applicable.

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

This product contains substances that can cause chemical pneumonia if swallowed. Symptoms of chemical pneumonia may appear after several hours.
Irritation effects: This product contains substances, which may cause irritation upon exposure to skin, eyes or lungs. Exposure may result in an increased absorption potential of other hazardous substances at the area of exposure.
Sensitisation: This product contains substances, which may trigger allergic reaction upon dermal contact. Manifestation of allergic reactions typically takes place within 12-72 hours after exposure.
Neurotoxic effects: This product contains organic solvents, which may cause adverse effects to the nervous system. Symptoms of neurotoxicity include: loss of appetite, headache, dizziness, ringing in ears, tingling sensations of skin, sensitivity to the cold, cramps, difficulty in concentrating, tiredness, etc. Repeated exposure to solvents can result in the breaking down of the skin's natural fat layer and may result in an increased absorption potential of other hazardous substances at the area of exposure.

4.3. Indication of any immediate medical attention and special treatment needed

IF exposed or concerned:
Get immediate medical advice/attention.
If skin irritation or rash occurs: Get medical advice/attention.

Information to medics

Bring this safety data sheet or the label from this product.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media: Alcohol-resistant foam, carbon dioxide, powder, water mist.
Unsuitable extinguishing media: Waterjets should not be used, since they can spread the fire.

▼5.2. Special hazards arising from the substance or mixture

Fire will result in dense smoke. Exposure to combustion products may harm your health. Closed containers, which are exposed to fire, should be cooled with water. Do not allow fire-extinguishing water to enter the sewage system and nearby surface waters.
If the product is exposed to high temperatures, e.g. in the event of fire, dangerous decomposition compounds are

produced. These are:
Halogenated compounds
Carbon oxides (CO / CO2)

5.3. Advice for firefighters

Wear self-contained breathing apparatus and protective clothing to prevent contact. Upon direct exposure contact The National Poisons Information Service (dial 111, 24 h service) in order to obtain further advice.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Avoid direct contact with spilled substances.
Avoid inhalation of vapours from spilled material.

6.2. Environmental precautions

Avoid discharge to lakes, streams, sewers, etc. In the event of leakage to the surroundings, contact local environmental authorities.

▼6.3. Methods and material for containment and cleaning up

Use sand, earth, vermiculite, diatomaceous earth to contain and collect non-combustible absorbent materials and place in container for disposal, according to local regulations.
Wherever possible cleaning should be performed with normal cleaning agents. Avoid use of solvents.

▼6.4. Reference to other sections

See section 13 “Disposal considerations” on handling of waste.
See section 8 "Exposure controls/personal protection" for protective measures.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

It is recommended to install waste collection trays in order to prevent emissions to the waste water system and surrounding environment.
Avoid direct contact with the product.
Smoking, drinking and consumption of food is not allowed in the work area.
See section 8 "Exposure controls/personal protection" for information on personal protection.

7.2. Conditions for safe storage, including any incompatibilities

Containers that have been opened must be carefully resealed and kept upright to prevent leakage.

Recommended storage material

Always store in containers of the same material as the original container.

Storage temperature

Dry, cool and well ventilated

Incompatible materials

Strong acids, strong bases, strong oxidizing agents, and strong reducing agents.

7.3. Specific end use(s)

This product should only be used for applications quoted in section 1.2

SECTION 8: Exposure controls/personal protection

▼8.1. Control parameters

—
tetrachloroethylene
Short term exposure limit (15 minutes) (mg/m³): 275
Long term exposure limit (8 hours) (mg/m³): 138
Annotations:
H = Special risk of dermal absorption.

Annex XIII of the Working Conditions Regulation, List of legal limit values.

▼

tetrachloroethylene is included in the national list of substances suspected of causing cancer

SZW list of carcinogenic substances and processes, mutagenic or toxic for reproduction, Ministry of Social Affairs and Employment (2022 no. 17428).

DNEL

tetrachloroethylene

Duration	Route of exposure	DNEL
Long term – Systemic effects - Workers	Dermal	1.4 mg/kg bw/day
Short term – Systemic effects - General population	Dermal	0.7 mg/kg bw/day
Short term – Systemic effects - Workers	Dermal	1.4 mg/kg bw/day
Long term – Local effects - Workers	Inhalation	10 mg/m3
Long term – Systemic effects - Workers	Inhalation	10 mg/m3
Short term – Local effects - General population	Inhalation	5 mg/m3
Short term – Local effects - Workers	Inhalation	10 mg/m3
Short term – Systemic effects - General population	Inhalation	5 mg/m3
Short term – Systemic effects - Workers	Inhalation	10 mg/m3
Short term – Systemic effects - General population	Oral	0.05 mg/kg bw/day

PNEC

tetrachloroethylene

Route of exposure	Duration of Exposure	PNEC
Freshwater		0.051 mg/l
Freshwater sediment		0.903 mg/kg
Marine water		0.0051 mg/l
Marine water sediment		0.0903 mg/kg
Sewage treatment plant		11.2 mg/l
Soil		0.01 mg/kg

8.2. Exposure controls

Compliance with the given occupational exposure limits values should be controlled on a regular basis.

General recommendations

Smoking, drinking and consumption of food is not allowed in the work area.

Exposure scenarios

There are no exposure scenarios implemented for this product.

Exposure limits

Professional users are subjected to the legally set maximum concentrations for occupational exposure. See occupational hygiene limit values above.

Appropriate technical measures

Do not recirculate outlet air that contain the substances.

Hygiene measures

Take off contaminated clothing and wash it before reuse.

Measures to avoid environmental exposure

Keep damming materials near the workplace. If possible, collect spillage during work.

Individual protection measures, such as personal protective equipment

Generally

Use only CE marked protective equipment.

Respiratory Equipment

Type	Class	Colour	Standards	
Respiratory protection is not needed in the event of adequate ventilation	-	-	-	
A	Class 1 (low capacity)	Brown	EN14387	

Skin protection

Recommended	Type/Category	Standards	
Wear appropriate protection clothing, e.g. coveralls in polypropylene or working clothes in cotton or polyester.	-	-	

Hand protection

Material	Glove thickness (mm)	Breakthrough time (min.)	Standards	
Polyvinyl alcohol (PVA)	-	> 480	EN374-2, EN374-3, EN388	

Eye protection

Type	Standards	
Wear safety glasses with side shields.	EN166	

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state

Liquid

Colour

Colourless

Odour / Odour threshold

Characteristic

▼pH

Testing not relevant or not possible due to the nature of the product.

Density (g/cm³)

1

Relative density

1 (20 °C)

▼Kinematic viscosity

Testing not relevant or not possible due to the nature of the product.

Particle characteristics

Does not apply to liquids.

Phase changes

▼Melting point/Freezing point (°C)

Testing not relevant or not possible due to the nature of the product.

Softening point/range (waxes and pastes) (°C)

Does not apply to liquids.

▼Boiling point (°C)

Testing not relevant or not possible due to the nature of the product.

▼Vapour pressure

Testing not relevant or not possible due to the nature of the product.

▼Relative vapour density

Testing not relevant or not possible due to the nature of the product.

▼Decomposition temperature (°C)

Testing not relevant or not possible due to the nature of the product.

Data on fire and explosion hazards

▼Flash point (°C)

Testing not relevant or not possible due to the nature of the product.

▼Ignition (°C)

Testing not relevant or not possible due to the nature of the product.

▼Auto flammability (°C)

Testing not relevant or not possible due to the nature of the product.

▼Lower and upper explosion limit (% v/v)

Testing not relevant or not possible due to the nature of the product.

Solubility

Solubility in water

Insoluble

▼n-octanol/water coefficient

Testing not relevant or not possible due to the nature of the product.

▼Solubility in fat (g/L)

Testing not relevant or not possible due to the nature of the product.

9.2. Other information

▼Other physical and chemical parameters

No data available.

SECTION 10: Stability and reactivity

▼10.1. Reactivity

No data available.

10.2. Chemical stability

The product is stable under the conditions, noted in section 7 “Handling and storage”.

▼10.3. Possibility of hazardous reactions

No special.

10.4. Conditions to avoid

Do not expose to any forms of heat (e.g. solar radiation). May lead to excess pressure.

10.5. Incompatible materials

Strong acids, strong bases, strong oxidizing agents, and strong reducing agents.

10.6. Hazardous decomposition products

The product is not degraded when used as specified in section 1.

SECTION 11: Toxicological information

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

▼Acute toxicity

Product/substance	Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclic, aromatics (2-25%)
Test method	
Species	Rat
Route of exposure	Inhalation

Test	LC50 (4 hours)
Result	13.1 mg/L
Other information	

Product/substance	Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclic, aromatics (2-25%)
Test method	
Species	Rat
Route of exposure	Oral
Test	LD50
Result	>15000 mg/kg
Other information	

Product/substance	Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclic, aromatics (2-25%)
Test method	
Species	Rabbit
Route of exposure	Dermal
Test	LD50
Result	>3400 mg/kg
Other information	

Product/substance	tetrachloroethylene
Test method	
Species	Rat
Route of exposure	Oral
Test	LD50
Result	3000 mg/kgbw
Other information	

Product/substance	tetrachloroethylene
Test method	
Species	Rabbit
Route of exposure	Dermal
Test	LD50
Result	10000 mg/kgbw
Other information	

Skin corrosion/irritation
Causes skin irritation.

Serious eye damage/irritation
Based on available data, the classification criteria are not met.

Respiratory sensitisation
Based on available data, the classification criteria are not met.

Skin sensitisation
May cause an allergic skin reaction.

Germ cell mutagenicity
Based on available data, the classification criteria are not met.

Carcinogenicity
Suspected of causing cancer.

Reproductive toxicity
Based on available data, the classification criteria are not met.

STOT-single exposure
May cause drowsiness or dizziness.

STOT-repeated exposure
Based on available data, the classification criteria are not met.

Aspiration hazard

May be fatal if swallowed and enters airways.

11.2. Information on other hazards

Long term effects

Carcinogenic effects: This product contains substances considered or proven to be carcinogenic. The carcinogenic effects may be triggered subsequent to exposure through inhalation, skin contact or ingestion.
Irritation effects: This product contains substances, which may cause irritation upon exposure to skin, eyes or lungs. Exposure may result in an increased absorption potential of other hazardous substances at the area of exposure.
Neurotoxic effects: This product contains organic solvents, which may cause adverse effects to the nervous system. Symptoms of neurotoxicity include: loss of appetite, headache, dizziness, ringing in ears, tingling sensations of skin, sensitivity to the cold, cramps, difficulty in concentrating, tiredness, etc. Repeated exposure to solvents can result in the breaking down of the skin's natural fat layer and may result in an increased absorption potential of other hazardous substances at the area of exposure.

▼Endocrine disrupting properties

No special.

Other information

tetrachloroethylene has been classified by IARC as a group 2A carcinogen.

SECTION 12: Ecological information

▼12.1. Toxicity

Product/substance	Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclic, aromatics (2-25%)
Test method	
Species	Daphnia
Compartment	
Duration	48 hours
Test	EL50
Result	10 - 22 mg/L
Other information	

Product/substance	Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclic, aromatics (2-25%)
Test method	
Species	Fish
Compartment	
Duration	96 hours
Test	LL50
Result	10 - 100 mg/L
Other information	

Product/substance	Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclic, aromatics (2-25%)
Test method	
Species	Algae
Compartment	
Duration	72 hours
Test	EL50
Result	10 - 100 mg/L
Other information	

Product/substance	Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclic, aromatics (2-25%)
Test method	
Species	Daphnia
Compartment	

Duration	72 hours
Test	NOELR
Result	0.28 mg/L
Other information	

Product/substance	Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclic, aromatics (2-25%)
Test method	
Species	Algae
Compartment	
Duration	72 hours
Test	NOELR
Result	3 mg/L
Other information	

Product/substance	tetrachloroethylene
Test method	
Species	Fish
Compartment	
Duration	96 hours
Test	LC50
Result	5 mg/L
Other information	

Product/substance	tetrachloroethylene
Test method	
Species	Daphnia
Compartment	
Duration	48 hours
Test	EC50
Result	8.5 mg/L
Other information	

Product/substance	tetrachloroethylene
Test method	
Species	Algae
Compartment	
Duration	72 hours
Test	IC50
Result	3.6 mg/L
Other information	

▼12.2. Persistence and degradability

Product/substance	Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclic, aromatics (2-25%)
Biodegradable	Yes
Test method	
Result	74.7%; 28d

Product/substance	tetrachloroethylene
Biodegradable	No
Test method	
Result	

▼12.3. Bioaccumulative potential

Product/substance	tetrachloroethylene
Test method	
Potential bioaccumulation	No data available.
LogPow	2.53
BCF	No data available.
Other information	

12.4. Mobility in soil

tetrachloroethylene

LogKoc = 141, Low mobility potential.

12.5. Results of PBT and vPvB assessment

This mixture/product does not contain any substances considered to meet the criteria classifying them as PBT and/or vPvB.

▼12.6. Endocrine disrupting properties

No special.

12.7. Other adverse effects

This product contains substances that are toxic to the environment. May result in adverse effects to aquatic organisms.

This product contains substances, which may cause adverse long-term effects to the aquatic environment.

SECTION 13: Disposal considerations

▼13.1. Waste treatment methods

Product is covered by the regulations on hazardous waste.

HP 4 - Irritant (skin irritation and eye damage)

HP 7 – Carcinogenic

HP 13 – Sensitising

HP 14 – Ecotoxic

Dispose of contents/container to an approved waste disposal plant.

Commission Regulation (EU) No 1357/2014 of 18 December 2014 on waste.

▼EWC code

Not applicable.

▼Specific labelling

Not applicable.

Contaminated packing

Packaging containing residues of the product must be disposed of similarly to the product.

SECTION 14: Transport information

▼

	14.1 UN / ID	14.2 UN proper shipping name	14.3 Hazard class(es)	14.4 PG*	14.5 Env**	Other information
ADR	UN2810	TOXIC LIQUID, ORGANIC, N.O.S. (tetrachloroethylene, Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclic, aromatics (2-25%))	Class: 6.1 Labels: 6.1 Classification code: T1 	III	Yes	Limited quantities: 5 L Tunnel restriction code: (E) See below for additional information.

	14.1 UN / ID	14.2 UN proper shipping name	14.3 Hazard class(es)	14.4 PG*	14.5 Env**	Other information
IMDG	UN2810	TOXIC LIQUID, ORGANIC, N.O.S. (tetrachloroethylene, Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclic, aromatics (2-25%))	Class: 6.1 Labels: 6.1 Classification code: T1 	III	Yes	Limited quantities: 5 L EmS: F-A S-A See below for additional information.
IATA	UN2810	TOXIC LIQUID, ORGANIC, N.O.S. (tetrachloroethylene, Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclic, aromatics (2-25%))	Class: 6.1 Labels: 6.1 Classification code: T1 	III	Yes	See below for additional information.

* Packing group
** Environmental hazards

▼Additional information

ADR / See Table A, Section 3.2.1 for any information on special provisions, requirements, or warnings in connection with transport. See section 5.4.3, for instructions in writing regarding mitigation of damages in relation to incidents or accidents during transport.
IMDG / See the Dangerous Goods List, section 3.2.1, for any information on special provisions, requirements, or warnings in connection with transport.
IATA / See Table 4.2 for any information on special provisions, requirements, or warnings in connection with transport.
This product is within scope of the regulations of transport of dangerous goods.

▼14.6. Special precautions for user

Not applicable.

▼14.7. Maritime transport in bulk according to IMO instruments

No data available.

SECTION 15: Regulatory information

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

Restrictions for application

Restricted to professional users.
People under the age of 18 shall not be exposed to this product.
Pregnant women and women breastfeeding must not be exposed to this product. The risk, and possible technical precautions or design of the workplace needed to eliminate exposure, must be considered.

▼Demands for specific education

No specific requirements.

SEVESO - Categories / dangerous substances

E2 - ENVIRONMENTAL HAZARDS, Qualifying quantity (lower-tier): 200 tonnes / (upper-tier): 500 tonnes

▼Additional information

Not applicable.

▼Sources

Council Directive 94/33/EC of 22 June 1994 on the protection of young people at work.
Working Conditions Act 1998 and latest Working Conditions Decree of 01-01-2021.
Major Accident Hazards Decree 2015.
Commission Regulation (EU) No 1357/2014 of 18 December 2014 on waste.

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (CLP).
Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).

15.2. Chemical safety assessment

No

SECTION 16: Other information

Full text of H-phrases as mentioned in section 3

EUH066, Repeated exposure may cause skin dryness or cracking.
H304, May be fatal if swallowed and enters airways.
H315, Causes skin irritation.
H317, May cause an allergic skin reaction.
H336, May cause drowsiness or dizziness.
H351, Suspected of causing cancer.
H411, Toxic to aquatic life with long lasting effects.

▼Abbreviations and acronyms

ADN = European Provisions concerning the International Carriage of Dangerous Goods by Inland Waterway
ADR = The European Agreement concerning the International Carriage of Dangerous Goods by Road
ATE = Acute Toxicity Estimate
BCF = Bioconcentration Factor
CAS = Chemical Abstracts Service
CE = Conformité Européenne
CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008]
CSA = Chemical Safety Assessment
CSR = Chemical Safety Report
DMEL = Derived Minimal Effect Level
DNEL = Derived No Effect Level
EINECS = European Inventory of Existing Commercial chemical Substances
ES = Exposure Scenario
EUH statement = CLP-specific Hazard statement
EWC = European Waste Catalogue
GHS = Globally Harmonized System of Classification and Labelling of Chemicals
IARC = International Agency for Research on Cancer (IARC)
IATA = International Air Transport Association
IBC = Intermediate Bulk Container
IMDG = International Maritime Dangerous Goods
LogPow = logarithm of the octanol/water partition coefficient
MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)
OECD = Organisation for Economic Co-operation and Development
PBT = Persistent, Bioaccumulative and Toxic
PNEC = Predicted No Effect Concentration
RID = The Regulations concerning the International Carriage of Dangerous Goods by Rail
RRN = REACH Registration Number
SCL = A specific concentration limit
SVHC = Substances of Very High Concern
STOT-RE = Specific Target Organ Toxicity - Repeated Exposure
STOT-SE = Specific Target Organ Toxicity - Single Exposure
TWA = Time weighted average
UN = United Nations
UVBC = Unknown or variable composition, complex reaction products or of biological materials
VOC = Volatile Organic Compound
vPvB = Very Persistent and Very Bioaccumulative

▼Additional information

The classification of the mixture in regard of health hazards are in accordance with the calculation methods given by Regulation (EC) No. 1272/2008 (CLP).
The classification of the substance/mixture in regard of environmental hazards are in accordance with the calculation methods given by Regulation (EC) No. 1272/2008 (CLP).

▼The safety data sheet is validated by

RPK

Other

A change (in proportion to the last essential change (first cipher in SDS version, see section 1)) is marked with a blue triangle.
The information in this safety data sheet applies only to this specific product (mentioned in section 1) and is not necessarily correct for use with other chemicals/products.
It is recommended to hand over this safety data sheet to the actual user of the product. Information in this safety data sheet cannot be used as a product specification.
Country-language: NL-en