

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 01.02.2024

Version number 1

Revision: 01.02.2024

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

- **1.1 Product identifier**
- **Trade name:** SP206
- **Article number:** 6529XX
- **UFI:** J0X4-30RS-700C-MNHF
- **1.2 Relevant identified uses of the substance or mixture and uses advised against**
No further relevant information available.
- **Application of the substance / the mixture** Cleaning agent/ Cleaner
- **1.3 Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
Chemische Fabrik Dr. Stöcker GmbH & Co. KG
Gewerbestrasse 19-25
D-55546 Pfaffen-Schwabenheim
+49 (0)6701 911780
- **Further information obtainable from:**
Safety Department
sicherheit@dr-stoecker.de
- **1.4 Emergency telephone number:**
INTERNATIONAL: +49 (0) 6132 / 84463 (GBK Gefahrgut Büro GmbH, Ingelheim)

SECTION 2: Hazards identification

- **2.1 Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008**
Skin Corr. 1A H314 Causes severe skin burns and eye damage.
Eye Dam. 1 H318 Causes serious eye damage.
Aquatic Chronic 3 H412 Harmful to aquatic life with long lasting effects.

- **2.2 Label elements**
- **Labelling according to Regulation (EC) No 1272/2008**
The product is classified and labelled according to the CLP regulation.
- **Hazard pictograms**



GHS05

- **Signal word** Danger
- **Hazard-determining components of labelling:**
Coco alkylamine ethoxylate
potassium hydroxide
Amines, C12-14 (even numbered)-alkyldimethyl, N-oxides
- **Hazard statements**
H314 Causes severe skin burns and eye damage.
H412 Harmful to aquatic life with long lasting effects.
- **Precautionary statements**
P260 Do not breathe dusts or mists.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].

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- P304+P340 *IF INHALED: Remove person to fresh air and keep comfortable for breathing.*
- 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.*
- **2.3 Other hazards**
 - **Results of PBT and vPvB assessment**
 - **PBT:** Not applicable.
 - **vPvB:** Not applicable.

SECTION 3: Composition/information on ingredients

- **3.2 Mixtures**
- **Description:** Mixture of substances listed below with nonhazardous additions.

- **Dangerous components:**

CAS: 61791-14-8 Polymer	Coco alkylamine ethoxylate Eye Dam. 1, H318; Acute Tox. 4, H302; Aquatic Chronic 3, H412	≥3-<10%
CAS: 1310-58-3 EINECS: 215-181-3 Reg.nr.: 01-2119487136-33	potassium hydroxide Met. Corr. 1, H290; Skin Corr. 1A, H314; Acute Tox. 4, H302 Specific concentration limits: Skin Corr. 1A; H314: C ≥ 5 % Skin Corr. 1B; H314: 2 % ≤ C < 5 % Skin Irrit. 2; H315: 0,5 % ≤ C < 2 % Eye Dam. 1; H318: C ≥ 2 % Eye Irrit. 2; H319: 0,5 % ≤ C < 2 %	≥2,5-<5%
EC number: 931-292-6 Reg.nr.: 01-2119490061-47	Amines, C12-14 (even numbered)-alkyldimethyl, N-oxides Alternative CAS number: 70592-80-2 Eye Dam. 1, H318; Aquatic Acute 1, H400; Aquatic Chronic 2, H411; Acute Tox. 4, H302; Skin Irrit. 2, H315	≥1-<2,5%
CAS: 1290049-56-7 EC number: 800-029-6 Reg.nr.: 01-2119962190-43	Amines, N-(C16-18 (even numbered) and C18-unsatd. alkyl) trimethylenedi-, ethoxylated STOT RE 1, H372; Skin Corr. 1B, H314; Eye Dam. 1, H318; Aquatic Acute 1, H400 (M=10); Aquatic Chronic 1, H410 (M=1); Acute Tox. 4, H302	≥0,25-<1%

- **Additional information:** For the wording of the listed hazard phrases refer to section 16.

SECTION 4: First aid measures

- **4.1 Description of first aid measures**
- **General information:** Immediately remove any clothing soiled by the product.
- **After inhalation:**
In case of unconsciousness place patient stably in side position for transportation.
Supply fresh air; consult doctor in case of complaints.
- **After skin contact:**
Immediately rinse with water.
Call a doctor immediately.
- **After eye contact:** *Rinse opened eye for several minutes under running water. Then consult a doctor.*
- **After swallowing:**
Do not induce vomiting; call for medical help immediately.
Rinse out mouth and then drink plenty of water.
- **4.2 Most important symptoms and effects, both acute and delayed** *No further relevant information available.*

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- **4.3 Indication of any immediate medical attention and special treatment needed**
No further relevant information available.

SECTION 5: Firefighting measures

- **5.1 Extinguishing media**
- **Suitable extinguishing agents:** Use fire extinguishing methods suitable to surrounding conditions.
- **5.2 Special hazards arising from the substance or mixture** No further relevant information available.
- **5.3 Advice for firefighters**
- **Protective equipment:** No special measures required.
- **Additional information**
Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures**
Wear protective equipment. Keep unprotected persons away.
Ensure adequate ventilation
Use respiratory protective device against the effects of fumes/dust/aerosol.
- **6.2 Environmental precautions:**
Dilute with plenty of water.
Inform respective authorities in case of seepage into water course or sewage system.
- **6.3 Methods and material for containment and cleaning up:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Use neutralising agent.
Dispose contaminated material as waste according to section 13.
Ensure adequate ventilation.
- **6.4 Reference to other sections**
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

SECTION 7: Handling and storage

- **7.1 Precautions for safe handling**
Ensure good ventilation/exhaustion at the workplace.
Prevent formation of aerosols.
- **Information about fire - and explosion protection:** No special measures required.
- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:**
Store only in the original receptacle.
Provide alkali-resistant floor.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:**
Protect from frost.
Keep container tightly sealed.
Protect from heat and direct sunlight.
- **Storage class:** 8 B

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· 7.3 **Specific end use(s)** No further relevant information available.

SECTION 8: Exposure controls/personal protection

· 8.1 **Control parameters**· **Ingredients with limit values that require monitoring at the workplace:**

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

· **DNELs****1310-58-3 potassium hydroxide**

Inhalative	Long-term - local effects, worker	1 mg/m ³ (worker)
	Long term - local effects, general population	1 mg/m ³ (general population)

Amines, C12-14 (even numbered)-alkyldimethyl, N-oxides

Oral	Long term - systemic effects, general population	0,44 mg/kg bw/day (general population)
Dermal	Long-term - systemic effects, worker	11 mg/kg bw/day (worker)
	Long term - systemic effects, general population	5,5 mg/kg bw/day (general population)
Inhalative	Long-term - systemic effects, worker	6,2 mg/m ³ (worker)
	Long term - systemic effects, general population	1,53 mg/m ³ (general population)

1290049-56-7 Amines, N-(C16-18 (even numbered) and C18-unsatd. alkyl) trimethylenedi-, ethoxylated

Oral	Acute - systemic effects, general population	0,007 mg/kg bw/day (general population)
Dermal	Acute - systemic effects, worker	0,017 mg/kg (worker)
	Acute - systemic effects, general population	0,007 mg/kg (general population)
Inhalative	Acute - systemic effects, worker	0,12 mg/m ³ (worker)
	Acute - systemic effects, general population	0,025 mg/m ³ (general population)

· **PNECs****Amines, C12-14 (even numbered)-alkyldimethyl, N-oxides**

Aquatic compartment - freshwater	0,0335 mg/l (Sweet Water / Süßwasser)
Aquatic compartment - marine water	0,00335 mg/l (marine water)
Aquatic compartment - sediment in freshwater	5,24 mg/kg sed dw (Sweet Water / Süßwasser)
Aquatic compartment - sediment in marine water	0,524 mg/kg sed dw (marine water)
Terrestrial compartment - soil	1,02 mg/kg dw (soil)
sewage treatment plant	24 mg/l (sewage treatment plant)
Oral secondary poisoning	11 mg/kg food (food sec poisoning)

1290049-56-7 Amines, N-(C16-18 (even numbered) and C18-unsatd. alkyl) trimethylenedi-, ethoxylated

Aquatic compartment - freshwater	0,002 mg/l (freshwater)
Aquatic compartment - marine water	0,0002 mg/l (marine water)
Aquatic compartment - sediment in freshwater	7,5 mg/kg sed dw (sediment fresh water)
Terrestrial compartment - soil	5 mg/kg dw (soil)

· **Additional information:** The lists valid during the making were used as basis.· 8.2 **Exposure controls**· **Appropriate engineering controls** No further data; see section 7.· **Individual protection measures, such as personal protective equipment**· **General protective and hygienic measures:**

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing

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*Wash hands before breaks and at the end of work.**Avoid contact with the eyes and skin.**Do not eat, drink, smoke or sniff while working.***· Respiratory protection:***Use suitable respiratory protective device only when aerosol or mist is formed.**Filter B***· Hand protection***Protective gloves**Alkaline resistant gloves***· Material of gloves***Butyl rubber**Recommended material thickness: ≥ 0.5 mm**The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.***· Penetration time of glove material***The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.***· Eye/face protection** *Tightly sealed goggles***· Body protection:** *Alkaline resistant protective clothing*

SECTION 9: Physical and chemical properties

· 9.1 Information on basic physical and chemical properties**· General Information****· Physical state***Fluid***· Colour:***Light yellow***· Odour:***Fruit-like***· Odour threshold:***No further relevant information available.***· Melting point/freezing point:***No further relevant information available.***· Boiling point or initial boiling point and boiling range***No further relevant information available.***· Flammability***Not applicable.***· Lower and upper explosion limit****· Lower:***Not applicable.***· Upper:***Not applicable.***· Flash point:***Not applicable.***· Auto-ignition temperature:***No further relevant information available.***· Decomposition temperature:***No further relevant information available.***· pH at 20 °C***13-14 (DIN 19268)***· Viscosity:****· Kinematic viscosity***No further relevant information available.***· Kinematic viscosity***No further relevant information available.***· Dynamic:***No further relevant information available.***· Solubility****· water:***Fully miscible.***· Partition coefficient n-octanol/water (log value)***Does not apply to mixtures.***· Vapour pressure:***No further relevant information available.***· Density and/or relative density****· Density at 20 °C:***1,09-1,1 g/cm³ (DIN 51757)***· Relative density***No further relevant information available.***· Vapour density***No further relevant information available.*

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- **9.2 Other information**
- **Appearance:**
- **Form:** Fluid
- **Ignition temperature:** Product is not selfigniting.
- **Explosive properties:** Product does not present an explosion hazard.
- **Molecular formula**
- **Oxidising properties** No further relevant information available.
- **Evaporation rate** No further relevant information available.
- **Information with regard to physical hazard classes**
- **Explosives** Void
- **Flammable gases** Void
- **Aerosols** Void
- **Oxidising gases** Void
- **Gases under pressure** Void
- **Flammable liquids** Void
- **Flammable solids** Void
- **Self-reactive substances and mixtures** Void
- **Pyrophoric liquids** Void
- **Pyrophoric solids** Void
- **Self-heating substances and mixtures** Void
- **Substances and mixtures, which emit flammable gases in contact with water** Void
- **Oxidising liquids** Void
- **Oxidising solids** Void
- **Organic peroxides** Void
- **Corrosive to metals** Void
- **Desensitised explosives** Void

SECTION 10: Stability and reactivity

- **10.1 Reactivity** No further relevant information available.
- **10.2 Chemical stability**
- **Thermal decomposition / conditions to be avoided:**
No decomposition if used and stored according to specifications.
- **10.3 Possibility of hazardous reactions** No dangerous reactions known.
- **10.4 Conditions to avoid** No further relevant information available.
- **10.5 Incompatible materials:** No further relevant information available.
- **10.6 Hazardous decomposition products:** No dangerous decomposition products known.

SECTION 11: Toxicological information

- **11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**
- **Acute toxicity** Based on available data, the classification criteria are not met.

· **LD/LC50 values relevant for classification:**

61791-14-8 Coco alkylamine ethoxylate		
Oral	LD50	>300-2.000 mg/kg (rat)
1310-58-3 potassium hydroxide		
Oral	LD50	>300 mg/kg (rat) (OECD 425)

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Amines, C12-14 (even numbered)-alkyldimethyl, N-oxides

Oral LD50 1.064 mg/kg (rat)

Dermal LD50 >2.000 mg/kg (rat)

1290049-56-7 Amines, N-(C16-18 (even numbered) and C18-unsatd. alkyl) trimethylenedi-, ethoxylated

Oral LD50 >300-2.000 mg/kg (rat)

· **Specific symptoms in biological assay:****Amines, C12-14 (even numbered)-alkyldimethyl, N-oxides**

Oral Subakut NOAEL 88 mg/kg (rat)

- **Skin corrosion/irritation** Causes severe skin burns and eye damage.
- **Serious eye damage/irritation** Causes serious eye damage.
- **Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.
- **Germ cell mutagenicity** Based on available data, the classification criteria are not met.
- **Carcinogenicity** Based on available data, the classification criteria are not met.
- **Reproductive toxicity** Based on available data, the classification criteria are not met.
- **STOT-single exposure** Based on available data, the classification criteria are not met.
- **STOT-repeated exposure** Based on available data, the classification criteria are not met.
- **Aspiration hazard** Based on available data, the classification criteria are not met.

· **11.2 Information on other hazards**· **Endocrine disrupting properties**

None of the ingredients is listed.

SECTION 12: Ecological information· **12.1 Toxicity**· **Aquatic toxicity:****61791-14-8 Coco alkylamine ethoxylate**

NOEC 72 h >0,1-1 mg/l (algae) (Read-across)

LC50/96 h >1-10 mg/l (Oncorhynchus mykiss) (OECD 203)

EC50/48 h >1-10 mg/l (Daphnia magna)

1310-58-3 potassium hydroxide

LC50/96 h 80 mg/l (Gambusia affinis)

45,4 mg/l (Oncorhynchus mykiss)

EC50/48 h 40,4 mg/l (Ceriodaphnia dubia)

Amines, C12-14 (even numbered)-alkyldimethyl, N-oxidesNOEC 0,42 mg/l (fish) (EPA OPPTS 850.1500)
302 Tage

NOEC 28 d 0,067 mg/l (algae) (OECD 201)

NOEC 21 d 0,7 mg/l (Daphnia magna) (OECD 211)

LC50/96 h 2,67-3,46 mg/l (fish) (APHA Stand Method (1971))

EC50/48 h 3,1 mg/l (Daphnia magna) (OECD 203)

EC50/72 h 0,146 mg/l (algae) (OECD 201)

1290049-56-7 Amines, N-(C16-18 (even numbered) and C18-unsatd. alkyl) trimethylenedi-, ethoxylated

NOEC 21 d >0,01-0,1 mg/l (Daphnia magna)

EC0/48 h 0,1-1 mg/l (Daphnia magna)

LC50/96 h >0,1-1 mg/l (Oncorhynchus mykiss)

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EC50/72 h	>0,01-0,1 mg/l (Pseudokrichneriella subcapitata)
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· **12.2 Persistence and degradability**

61791-14-8 Coco alkylamine ethoxylate

OECD 301 B	>60 % ()
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Amines, C12-14 (even numbered)-alkyldimethyl, N-oxides

OECD 301 B	>60 % () (28 Tage)
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· **12.3 Bioaccumulative potential** No further relevant information available.

· **12.4 Mobility in soil** No further relevant information available.

· **12.5 Results of PBT and vPvB assessment**

· **PBT:** Not applicable.

· **vPvB:** Not applicable.

· **12.6 Endocrine disrupting properties**

The product does not contain substances with endocrine disrupting properties.

· **12.7 Other adverse effects**

· **Remark:** Harmful to fish

· **Additional ecological information:**

· **General notes:**

Must not reach sewage water or drainage ditch undiluted or unneutralised.

Harmful to aquatic organisms

Rinse off of bigger amounts into drains or the aquatic environment may lead to increased pH-values. A high pH-value harms aquatic organisms. In the dilution of the use-level the pH-value is considerably reduced, so that after the use of the product the aqueous waste, emptied into drains, is only low water-dangerous.

Water hazard class 3 (German Regulation) (Self-assessment): extremely hazardous for water

Do not allow product to reach ground water, water course or sewage system, even in small quantities.

Danger to drinking water if even extremely small quantities leak into the ground.

SECTION 13: Disposal considerations

· **13.1 Waste treatment methods**

· **Recommendation**

Dispose of contents/container in accordance with local/regional/national/international regulations.

· **Uncleaned packaging:**

· **Recommendation:** Disposal must be made according to official regulations.

· **Recommended cleansing agents:** Water, if necessary together with cleansing agents.

SECTION 14: Transport information

· **14.1 UN number or ID number**

· **ADR, IMDG, IATA**

UN1719

· **14.2 UN proper shipping name**

· **ADR, IMDG, IATA**

CAUSTIC ALKALI LIQUID, N.O.S. (POTASSIUM HYDROXIDE)

· **14.3 Transport hazard class(es)**

· **ADR**



· **Class**

8 (C5) Corrosive substances.

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· Label	8
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· IMDG, IATA	
	
· Class	8 Corrosive substances.
· Label	8
· 14.4 Packing group	II
· ADR, IMDG, IATA	II
· 14.5 Environmental hazards:	Not applicable.
· 14.6 Special precautions for user	Warning: Corrosive substances.
· Hazard identification number (Kemler code):	80
· EMS Number:	F-A,S-B
· Segregation groups	(SGG18) Alkalis
· Stowage Category	A
· Segregation Code	SG22 Stow "away from" ammonium salts SG35 Stow "separated from" SGG1-acids
· 14.7 Maritime transport in bulk according to IMO instruments	Not applicable.
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· Transport/Additional information:	
· ADR	
· Limited quantities (LQ)	1L
· Excepted quantities (EQ)	Code: E2 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 500 ml
· Transport category	2
· Tunnel restriction code	E
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· IMDG	
· Limited quantities (LQ)	1L
· Excepted quantities (EQ)	Code: E2 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 500 ml
· UN "Model Regulation":	UN 1719 CAUSTIC ALKALI LIQUID, N.O.S. (POTASSIUM HYDROXIDE), 8, II

SECTION 15: Regulatory information

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

· Directive 2012/18/EU

· Named dangerous substances - ANNEX I None of the ingredients is listed.

· REGULATION (EC) No 1907/2006 ANNEX XVII Conditions of restriction: 3

· DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II

None of the ingredients is listed.

· REGULATION (EU) 2019/1148

· Annex I - RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3))

None of the ingredients is listed.

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· Annex II - REPORTABLE EXPLOSIVES PRECURSORS

None of the ingredients is listed.

· Regulation (EC) No 273/2004 on drug precursors

None of the ingredients is listed.

· Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors

None of the ingredients is listed.

· National regulations:**· Other regulations, limitations and prohibitive regulations**

822.115, Jugendarbeitsschutzverordnung - ArGV 5 und 822.115.2, Verordnung des WBF über gefährliche Arbeiten für Jugendliche sind zu beachten.

ArGV 1 und 822.111.52, Verordnung des WBF über gefährliche und beschwerliche Arbeiten bei Schwangerschaft und Mutterschaft sind zu beachten.

· 15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.**SECTION 16: Other information**

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

This Safety Data Sheet is in compliance with Regulation (EC) No 1907/2006, Article 31 as amended by Regulation (EU) 2020/878.

· Relevant phrases

H290 May be corrosive to metals.

H302 Harmful if swallowed.

H314 Causes severe skin burns and eye damage.

H315 Causes skin irritation.

H318 Causes serious eye damage.

H319 Causes serious eye irritation.

H372 Causes damage to organs through prolonged or repeated exposure.

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

H411 Toxic to aquatic life with long lasting effects.

H412 Harmful to aquatic life with long lasting effects.

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

The classification of the mixture is generally based on the calculation method using substance data according to Regulation (EC) No 1272/2008.

· Department issuing SDS: Department R&D**· Contact: Department R&D****· Abbreviations and acronyms:**

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

DNEL: Derived No-Effect Level (REACH)

PNEC: Predicted No-Effect Concentration (REACH)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

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Met. Corr. 1: Corrosive to metals – Category 1
Acute Tox. 4: Acute toxicity – Category 4
Skin Corr. 1A: Skin corrosion/irritation – Category 1A
Skin Corr. 1B: Skin corrosion/irritation – Category 1B
Skin Irrit. 2: Skin corrosion/irritation – Category 2
Eye Dam. 1: Serious eye damage/eye irritation – Category 1
STOT RE 1: Specific target organ toxicity (repeated exposure) – Category 1
Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1
Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard – Category 1
Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2
Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3

Sources

(EC) No 1907/2006 (REACH) as amended.
(EC) No. 1272/2008 (CLP) in the valid version
Guidance on the compilation of safety data sheets as amended (ECHA)
Guidance on labelling and packaging according to Regulation (EC) No 1272/2008 (CLP) as amended (ECHA)
Safety data sheets of the ingredients
ECHA homepage - Information on chemicals

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