Safety data sheet
according to Regulation (EC) No 1907/2006, Article 31

Printing date 15.10.2026 Version number 4 (replaces version 3) Revision: 15.10.2026

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

· **1.1 Product identifier**

· **Trade name: SP203**

· **Article number:** 6669XX, 6661XX
· **UFI:** 4A19-Q0CG-F008-KWQ4

· **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)

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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.
· **Additional information:**
The full text of the classification and labelling elements mentioned is given in Section 16.

· **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:**
potassium hydroxide
Isotridecylalcohol, ethoxylated
· **Hazard statements**
H314 Causes severe skin burns and eye damage.
· **Precautionary statements**
P260 Do not breathe mist/vapours/spray.
P280 Wear protective gloves / 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].
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

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P310 Immediately call a POISON CENTER/doctor.

· **2.3 Other hazards**
· **Results of PBT and vPvB assessment**
· **PBT:** Not applicable
· **vPvB:** Not applicable

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SECTION 3: Composition/information on ingredients

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

· **Dangerous components:**		
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%
CAS: 68891-38-3 NLP: 500-234-8 Reg.nr.: 01-2119488639-16	Alcohols, C12-14, ethoxylated, sulfates, sodium salts Eye Dam. 1, H318; Skin Irrit. 2, H315; Aquatic Chronic 3, H412 Specific concentration limits: Eye Dam. 1; H318: C ≥ 10 % Eye Irrit. 2; H319: 5 % ≤ C < 10 %	≤2,5%
CAS: 9043-30-5	Isotridecylalcohol, ethoxylated Eye Dam. 1, H318; Acute Tox. 4, H302	≥1-≤2,5%
CAS: 5064-31-3 EINECS: 225-768-6 Reg.nr.: 01-2119519239-36	trisodium nitrilotriacetate Carc. 2, H351; Acute Tox. 4, H302; Eye Irrit. 2, H319 Specific concentration limit: Carc. 2; H351: C ≥ 5 %	≤2,5%

· **Regulation (EC) No 648/2004 on detergents / Labelling for contents**	
phosphates, anionic surfactants, non-ionic surfactants, cationic surfactants, phosphonates, NTA (nitrilotriacetic acid) and salts thereof	<5%
perfumes	

· **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.
· **After skin contact:**
Call a doctor immediately.
Immediately wash with water and soap and rinse thoroughly.
· **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.
Seek immediate medical advice.

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· **4.2 Most important symptoms and effects, both acute and delayed**
No further relevant information available.

· **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:** Wear self-contained respiratory protective device.
· **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.

· **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.

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· **Storage class:** 8 B

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

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SECTION 8: Exposure controls/personal protection

· **8.1 Control parameters**

· **Ingredients with limit values that require monitoring at the workplace:**	
5064-31-3 trisodium nitrilotriacetate	
AGW (Germany)	Long-term value: 2E mg/m³ 4(II);DFG, Y, 35

· **DNELs**		
1310-58-3 potassium hydroxide		
Inhalative	Long-term - local effects, worker	1 mg/m3 (worker)
	Long term - local effects, general population	1 mg/m3 (general population)
68891-38-3 Alcohols, C12-14, ethoxylated, sulfates, sodium salts		
Oral	Long term - systemic effects, general population	15 mg/kg bw/day (general population)
Dermal	Long-term - systemic effects, worker	2.750 mg/kg bw/day (worker)
	Long-term - local effects, worker	0,132 mg/cm2 (worker)
	Long term - systemic effects, general population	1.650 mg/kg bw/day (general population)
	Long term - local effects, general population	0,079 mg/cm2 (general population)
Inhalative	Long-term - systemic effects, worker	175 mg/m3 (worker)
	Long term - systemic effects, general population	52 mg/m3 (general population)
5064-31-3 trisodium nitrilotriacetate		
Oral	Long term - systemic effects, general population	0,5 mg/kg bw/day (general population)
Inhalative	Acute - local effects, worker	5,25 mg/m3 (worker)
	Acute - systemic effects, worker	5,25 mg/m3 (worker)
	Long-term - systemic effects, worker	3,5 mg/m3 (worker)
	Long-term - local effects, worker	3,5 mg/m3 (worker)
	Acute - systemic effects, general population	1,75 mg/m3 (general population)
	Acute - local effects, general population	1,75 mg/m3 (general population)

· **PNECs**	
68891-38-3 Alcohols, C12-14, ethoxylated, sulfates, sodium salts	
PNEC aqua - freshwater	0,24 mg/l (freshwater)
PNEC aqua - marine water	0,024 mg/l (marine water)
PNEC aqua - water, intermittent releases	0,071 mg/l (intermittent release water)
PNEC sediment - freshwater	0,917 mg/kg sed dw (sediment fresh water)
PNEC sediment - marine water	0,0917 mg/kg sed dw (sediment marine water)
PNEC soil	7,5 mg/kg dw (soil)
PNEC sewage treatment plant	10.000 mg/l (sewage treatment plant)

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5064-31-3 trisodium nitrilotriacetate	
PNEC aqua - freshwater	0,93 mg/l (fresh water)
PNEC aqua - marine water	0,093 mg/l (marine water)
PNEC aqua - water, intermittent releases	0,915 mg/l (intermittent release water)
PNEC sediment - freshwater	3,64 mg/kg sed dw (fresh water)
PNEC sediment - marine water	0,364 mg/kg sed dw (marine water)
PNEC soil	0,182 mg/kg dw (soil)
PNEC sewage treatment plant	540 mg/l (sewage treatment plant)

· **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
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:** Not required
· **Hand protection**
Protective gloves
Alkaline resistant gloves
· **Material of gloves**
Nitrile rubber
Recommended material thickness: ≥ 0.11mm
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**
For the mixture of chemicals mentioned below the penetration time has to be at least 480 minutes (Permeation according to EN 16523-1:2015: Level 6).
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**	Liquid
· **Colour:**	Red
· **Odour:**	Characteristic
· **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

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· **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.
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:**	1,1-1,11 g/cm³ (DIN 51757)
· **Relative density**	No further relevant information available.
· **Vapour density**	No further relevant information available.

· **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.

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· ***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:**		
1310-58-3 potassium hydroxide		
Oral	LD50	>300 mg/kg (rat) (OECD 425)
68891-38-3 Alcohols, C12-14, ethoxylated, sulfates, sodium salts		
Oral	LD50	2.870 mg/kg (rat) (OECD 401)
	NOAEL	300 mg/kg (rat) (OECD 408) 90 d
Dermal	LD50	>2.000 mg/kg (rat) (OECD 402)
9043-30-5 Isotridecylalcohol, ethoxylated		
Oral	LD50	>300-2.000 mg/kg (rat) (OECD 423)
	ATE	556 mg/kg (rat)
Dermal	LD50	>2.000 mg/kg (rabbit)
	EC50/72 h	>1-10 mg/l (Desmodesmus subspicatus) (OECD 201)
5064-31-3 trisodium nitrilotriacetate		
Oral	LD50	1.740 mg/kg (rat) (OECD 401)
Dermal	LD50	>10.000 mg/kg (rabbit)

· ***Primary irritant effect:***
· ***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:**	
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)

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68891-38-3 Alcohols, C12-14, ethoxylated, sulfates, sodium salts	
NOEC 28 d	0,14 mg/l (Oncorhynchus mykiss) (OECD 215)
NOEC 21 d	0,27 mg/l (Daphnia magna) (OECD 211)
NOEC 72 h	0,95 mg/l (Scenedesmus subspicatus) (OECD 201)
LC50/96 h	7,1 mg/l (bra) (OECD 203)
EC50/48 h	7,4 mg/l (Daphnia magna) (OECD 202)
EC50/72 h	27,7 mg/l (Scenedesmus subspicatus) (OECD 201)
9043-30-5 Isotridecylalcohol, ethoxylated	
NOEC 21 d	2,48-3,76 mg/l (Daphnia magna) (CESIO)
LC50/96 h	>1-10 mg/l (Cyprinus carpio) (OECD 203)
EC50/48 h	>1-10 mg/l (Daphnia magna) (OECD 202)
5064-31-3 trisodium nitrilotriacetate	
LC50/96 h	>100 mg/l (Pimephlas promelas)
EC50/96 h	98 mg/l (Gammarus sp.)
EC50/8 h	3.200-5.600 mg/l (Pseudomonas fluorescens)
EC50/72 h	>91,5 mg/l (Scenedesmus subspicatus)

· **12.2 Persistence and degradability**	
5064-31-3 trisodium nitrilotriacetate	
OECD 301 B	90-100 %

· **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**
· **Additional ecological information:**
· **General notes:**
Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
Must not reach sewage water or drainage ditch undiluted or unneutralised.
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.

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.

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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.
· **Label** 8

· **IMDG, IATA**



· **Class** 8 Corrosive substances.
· **Label** 8

· **14.4 Packing group**
· **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
· **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

· **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

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· **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.

· **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.

· **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 Sheets 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.
H351 Suspected of causing cancer.
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
· **Date of previous version:** 17.04.2025
· **Version number of previous version:** 3
· **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)

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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
Met. Corr.1: Corrosive to metals – Category 1
Acute Tox. 4: Acute toxicity – Category 4
Skin Corr. 1A: Skin corrosion/irritation – Category 1A
Skin Irrit. 2: Skin corrosion/irritation – Category 2
Eye Dam. 1: Serious eye damage/eye irritation – Category 1
Eye Irrit. 2: Serious eye damage/eye irritation – Category 2
Carc. 2: Carcinogenicity – 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

· **** Data compared to the previous version altered.***