

Safety data sheet

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

Printing date 14.07.2026

Version number 3 (replaces version 2)

Revision: 14.07.2026

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

- **1.1 Product identifier**
- **Trade name:** FELGENREINIGER ColorTec
- **Article number:** 681200XX, 681201XX, 681910
- **UFI:** JD08-E0KT-H005-HWX4
- **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**
Acute Tox. 4 H302 Harmful if swallowed.
Eye Irrit. 2 H319 Causes serious eye irritation.
Skin Sens. 1 H317 May cause an allergic skin reaction.
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**



GHS07

- **Signal word** Warning
- **Hazard-determining components of labelling:**
sodium mercaptoacetate
2-butoxyethanol
1,2-benzisothiazol-3(2H)-one
- **Hazard statements**
H302 Harmful if swallowed.
H319 Causes serious eye irritation.
H317 May cause an allergic skin reaction.
H412 Harmful to aquatic life with long lasting effects.
- **Precautionary statements**
P101 If medical advice is needed, have product container or label at hand.

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- P102 Keep out of reach of children.
 P103 Read carefully and follow all instructions.
 P273 Avoid release to the environment.
 P280 Wear protective gloves / eye protection / face protection.
 P301+P312 IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.
 P302+P352 IF ON SKIN: Wash with plenty of water.
 P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

· **Additional information:** This product has been treated with a preservative.

· **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: 367-51-1 EINECS: 206-696-4 Reg.nr.: 01-2119968564-24	sodium mercaptoacetate Acute Tox. 3, H301; Met. Corr.1, H290; Acute Tox. 4, H312; Skin Sens. 1B, H317; Aquatic Chronic 3, H412	2,5-10%
CAS: 111-76-2 EINECS: 203-905-0 Reg.nr.: 01-2119475108-36	2-butoxyethanol Acute Tox. 3, H331; Acute Tox. 4, H302; Acute Tox. 4, H312; Skin Irrit. 2, H315; Eye Irrit. 2, H319 ATE: LD50 oral: 1.200 mg/kg LC50/4 h inhalative: 3 mg/l	≥2,5-<10%
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: $C \geq 10\%$ Eye Irrit. 2; H319: $5\% \leq C < 10\%$	<2,5%
CAS: 68603-38-3 EINECS: 271-653-9 Reg.nr.: 01-2119951823-33	Amides, C16-18 and C18-unsatd., N,N-bis(hydroxyethyl) Aquatic Chronic 2, H411; Skin Irrit. 2, H315; Eye Irrit. 2, H319	≥0,25-<2,5%
CAS: 68515-73-1 NLP: 500-220-1 Reg.nr.: 01-2119488530-36	D-Glucopyranose, oligomers, decyl octyl glycosides Eye Dam. 1, H318	≥1-≤2,5%
CAS: 67-63-0 EINECS: 200-661-7 Reg.nr.: 01-2119457558-25	propan-2-ol Flam. Liq. 2, H225; Eye Irrit. 2, H319; STOT SE 3, H336	≤2,5%

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CAS: 142-19-8 EINECS: 205-527-1 Reg.nr.: 01-2119488961-23	allyl heptanoate Acute Tox. 3, H301; Acute Tox. 3, H311; Aquatic Acute 1, H400 (M=10); Aquatic Chronic 3, H412	$\geq 0,025$ - $<0,25\%$
CAS: 3811-73-2 EINECS: 223-296-5 Reg.nr.: 01-2119493385-28	pyridine-2-thiol 1-oxide, sodium salt Acute Tox. 3, H311; Acute Tox. 3, H331; STOT RE 1, H372; Aquatic Acute 1, H400 (M=100); Aquatic Chronic 1, H410 (M=1); Acute Tox. 4, H302; Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1, H317 ATE: LD50 oral: 500 mg/kg LD50 dermal: 788 mg/kg LC50/4 h inhalative: 0,5 mg/l	$\geq 0,0025$ - $<0,025\%$
CAS: 2634-33-5 EINECS: 220-120-9	1,2-benzisothiazol-3(2H)-one Acute Tox. 2, H330; Eye Dam. 1, H318; Aquatic Acute 1, H400; Aquatic Chronic 1, H410; Acute Tox. 4, H302; Skin Irrit. 2, H315; Skin Sens. 1A, H317 ATE: LD50 oral: 450 mg/kg LC50/4 h inhalative: 0,21 mg/l Specific concentration limit: Skin Sens. 1A; H317:C $\geq 0,036\%$	$<0,025\%$

· Regulation (EC) No 648/2004 on detergents / Labelling for contents

anionic surfactants, non-ionic surfactants, amphoteric surfactants

<5%

perfumes (DIPENTENE, HEXYL CINNAMAL, Citrus Aurantium Peel Oil), preservation agents (SODIUM PYRITHIONE, BENZISOTHIAZOLINONE)

· 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.

Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.

· After inhalation: In case of unconsciousness place patient stably in side position for transportation.**· After skin contact:**

If skin irritation continues, consult a doctor.

Immediately wash with water and soap and rinse thoroughly.

· After eye contact:

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

· After swallowing:

Seek immediate medical advice.

If swallowed, seek medical advice immediately and show this container or label.

· 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.

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SECTION 5: Firefighting measures

- **5.1 Extinguishing media**
- **Suitable extinguishing agents:**
CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **For safety reasons unsuitable extinguishing agents:** Water with full jet
- **5.2 Special hazards arising from the substance or mixture**
Formation of toxic gases is possible during heating or in case of fire.
- **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** Not required
- **6.2 Environmental precautions:**
Inform respective authorities in case of seepage into water course or sewage system.
Dilute with plenty of water.
- **6.3 Methods and material for containment and cleaning up:**
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:** Keep ignition sources away - Do not smoke.
- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** Store only in the original receptacle.
- **Information about storage in one common storage facility:** Store away from oxidising agents.
- **Further information about storage conditions:**
Protect from frost.
Keep container tightly sealed.
Protect from heat and direct sunlight.
- **Storage class:** 12
- **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:

111-76-2 2-butoxyethanol

AGW (Germany)	Long-term value: 49 mg/m ³ , 10 ppm 2(I);EU, DFG; H, Y
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57-55-6 Propylene glycol

MAK (Germany)	als Dampf und Aerosol;vgl.Abschn.IIb und Xc
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67-63-0 propan-2-ol

AGW (Germany)	Long-term value: 500 mg/m ³ , 200 ppm 2(II);DFG, Y
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3811-73-2 pyridine-2-thiol 1-oxide, sodium salt

AGW (Germany)	Long-term value: 0,2 E mg/m ³ 2(II);DFG, H, Y
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2634-33-5 1,2-benzisothiazol-3(2H)-one

MAK (Germany)	vgl.Abschn.IIb und Xc
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· DNELs

367-51-1 sodium mercaptoacetate

Oral	Long term - systemic effects, general population	0,1 mg/kg bw/day (general population)
Dermal	Long-term - systemic effects, worker	0,163 mg/kg bw/day (worker)
	Long-term - local effects, worker	0,004 mg/cm ² (worker)
	Acute - systemic effects, general population	0,0193 mg/kg (general population)
Inhalative	Long-term - systemic effects, worker	0,987 mg/m ³ (worker)
	Long term - systemic effects, general population	0,174 mg/m ³ (general population)

111-76-2 2-butoxyethanol

Oral	Acute - systemic effects, general population	26,7 mg/kg bw/day (general population)
	Long term - systemic effects, general population	6,3 mg/kg bw/day (general population)
Dermal	Acute - systemic effects, worker	89 mg/kg (worker)
	Long-term - systemic effects, worker	125 mg/kg bw/day (worker)
	Acute - systemic effects, general population	89 mg/kg (general population)
	Long term - systemic effects, general population	75 mg/kg bw/day (general population)
Inhalative	Acute - local effects, worker	246 mg/m ³ (worker)
	Acute - systemic effects, worker	1.091 mg/m ³ (worker)
	Long-term - systemic effects, worker	98 mg/m ³ (worker)
	Acute - systemic effects, general population	426 mg/m ³ (general population)
	Acute - local effects, general population	147 mg/m ³ (general population)

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	Long term - systemic effects, general population	59 mg/m ³ (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/cm ² (worker)
	Long term - systemic effects, general population	1.650 mg/kg bw/day (general population)
	Long term - local effects, general population	0,079 mg/cm ² (general population)
Inhalative	Long-term - systemic effects, worker	175 mg/m ³ (worker)
	Long term - systemic effects, general population	52 mg/m ³ (general population)
68603-38-3 Amides, C16-18 and C18-unsatd., N,N-bis(hydroxyethyl)		
Oral	Long term - systemic effects, general population	6,25 mg/kg bw/day (general population)
Dermal	Long-term - systemic effects, worker	4,16 mg/kg bw/day (worker)
	Long-term - local effects, worker	0,0936 mg/cm ² (worker)
	Long term - systemic effects, general population	2,5 mg/kg bw/day (general population)
	Long term - local effects, general population	0,0562 mg/cm ² (general population)
Inhalative	Long-term - systemic effects, worker	73,44 mg/m ³ (worker)
	Long term - systemic effects, general population	21,73 mg/m ³ (general population)
68515-73-1 D-Glucopyranose, oligomers, decyl octyl glycosides		
Dermal	Long-term - systemic effects, worker	595.000 mg/kg bw/day (worker)
Inhalative	Long-term - systemic effects, worker	420 mg/m ³ (worker)
67-63-0 propan-2-ol		
Oral	Long term - systemic effects, general population	26 mg/kg bw/day (general population)
Dermal	Long-term - systemic effects, worker	888 mg/kg bw/day (worker)
	Long term - systemic effects, general population	319 mg/kg bw/day (general population)
Inhalative	Long-term - systemic effects, worker	500 mg/m ³ (worker)
	Long term - systemic effects, general population	89 mg/m ³ (general population)
· PNECs		
367-51-1 sodium mercaptoacetate		
PNEC aqua - freshwater		0,011 mg/l (freshwater)
PNEC aqua - marine water		0,001 mg/l (marine water)
PNEC sediment - freshwater		0,039 mg/kg sed dw (sediment fresh water)
PNEC sediment - marine water		0,004 mg/kg sed dw (sediment marine water)
PNEC soil		0,002 mg/kg dw (soil)
PNEC sewage treatment plant		10 mg/l (sewage treatment plant)

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111-76-2 2-butoxyethanol

PNEC aqua - freshwater	8,8 mg/l (freshwater)
PNEC aqua - marine water	0,88 mg/l (marine water)
PNEC aqua - water, intermittent releases	9,1 mg/l (intermittent release water)
PNEC sediment - freshwater	34,6 mg/kg sed dw (sediment fresh water)
PNEC sediment - marine water	3,46 mg/kg sed dw (sediment marine water)
PNEC soil	2,33 mg/kg dw (soil)
PNEC sewage treatment plant	463 mg/l (sewage treatment plant)

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)

68603-38-3 Amides, C16-18 and C18-unsatd., N,N-bis(hydroxyethyl)

PNEC aqua - freshwater	0,007 mg/l (freshwater)
PNEC aqua - marine water	0,0007 mg/l (marine water)
PNEC sediment - freshwater	0,211 mg/kg sed dw (sediment fresh water)
PNEC soil	0,0998 mg/kg dw (soil)
PNEC sewage treatment plant	830 mg/l (sewage treatment plant)

68515-73-1 D-Glucopyranose, oligomers, decyl octyl glycosides

PNEC aqua - freshwater	0,176 mg/l (freshwater)
PNEC aqua - marine water	0,018 mg/l (marine water)
PNEC sediment - freshwater	1,516 mg/kg sed dw (sediment fresh water)
PNEC sediment - marine water	0,152 mg/kg sed dw (sediment marine water)
PNEC soil	0,654 mg/kg dw (soil)
PNEC sewage treatment plant	560 mg/l (sewage treatment plant)

67-63-0 propan-2-ol

PNEC aqua - freshwater	140,9 mg/l (fresh water)
PNEC aqua - marine water	140,9 mg/l (marine water)
PNEC aqua - water, intermittent releases	140,9 mg/l (intermittent release water)
PNEC sediment - freshwater	552 mg/kg sed dw (sediment fresh water)
PNEC sediment - marine water	552 mg/kg sed dw (sediment marine water)
PNEC soil	28 mg/kg dw (soil)
PNEC sewage treatment plant	2.251 mg/l (sewage treatment plant)
PNEC oral	160 mg/kg food (food sec poisoning)

· **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 in case of insufficient ventilation.

Filter A

- **Hand protection** Protective gloves

- **Material of gloves**

Butyl rubber

Recommended material thickness: $\geq 0.3\text{mm}$

Nitrile rubber

Recommended material thickness: $\geq 0.3\text{mm}$

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

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:**

No further relevant information available.

- **Upper:**

No further relevant information available.

- **Flash point:**

No further relevant information available.

- **Auto-ignition temperature:**

No further relevant information available.

- **Decomposition temperature:**

No further relevant information available.

- **pH at 20 °C**

6,3-6,6 (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:**

1,06-1,075 g/cm³ (DIN 51757)

- **Relative density**

No further relevant information available.

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- **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.
- **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** Harmful if swallowed.

· **LD/LC50 values relevant for classification:****367-51-1 sodium mercaptoacetate**

Oral	LD50	350 mg/kg () (calculated for 46 % solution)
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Dermal	ATE	50-200 mg/kg (rat) (OECD 423)
	ATE	100 mg/kg () (based on test data for 46 % solution)
	ATE	1.100 mg/kg ()
	ATE	>1.000-2.000 mg/kg (rat) (OECD 402)
Inhalative	LC50/4 h	>2.729 mg/l (rat) (OECD 403)
	NOEL (Subchronic Dermal Toxicity)	22,5 mg/kg bw/d (rat) (OECD 411)
	EC50/72 h	5,07 mg/l (<i>Pseudokirchneriella subcapitata</i>) (OECD 201)
	EC50/72 h	5,07 mg/l (<i>Pseudokirchneriella subcapitata</i>) (OECD 201)
111-76-2 2-butoxyethanol		
Oral	LD50	1.200 mg/kg (ATE)
	LD50	1.414 mg/kg (pd)
	LD50	1.000-2.000 mg/kg (rat)
	LD50	2.000 mg/kg (rat)
Dermal	LD50	>1.000-2.000 mg/kg (rabbit)
	LD50	3 mg/l (ATE)
	LD50	3 mg/l (ATE)
	LD50	3 mg/l (ATE)
Inhalative	LC50/4 h	3 mg/l (ATE)
	LC50/4 h	3 mg/l (ATE)
	LC50/4 h	3 mg/l (ATE)
	LC50/4 h	3 mg/l (ATE)
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)
	NOAEL	90 d
	NOAEL	90 d
Dermal	LD50	>2.000 mg/kg (rat) (OECD 402)
	LD50	>2.000 mg/kg (rat) (OECD 402)
	LD50	>2.000 mg/kg (rat) (OECD 402)
	LD50	>2.000 mg/kg (rat) (OECD 402)
68603-38-3 Amides, C16-18 and C18-unsatd., N,N-bis(hydroxyethyl)		
Oral	LD50	>3.000 mg/kg (rat)
	LD50	>3.000 mg/kg (rat)
	LD50	>3.000 mg/kg (rat)
	LD50	>3.000 mg/kg (rat)
Dermal	LD50	>2.000 mg/kg (rabbit)
	LD50	>2.000 mg/kg (rabbit)
	LD50	>2.000 mg/kg (rabbit)
	LD50	>2.000 mg/kg (rabbit)
68515-73-1 D-Glucopyranose, oligomers, decyl octyl glycosides		
Oral	LD50	>2.000 mg/kg (rat)
	LD50	>2.000 mg/kg (rat)
	LD50	>2.000 mg/kg (rat)
	LD50	>2.000 mg/kg (rat)
Dermal	LD50	>2.000 mg/kg (rabbit) (OECD 402)
	LD50	>2.000 mg/kg (rabbit) (OECD 402)
	LD50	>2.000 mg/kg (rabbit) (OECD 402)
	LD50	>2.000 mg/kg (rabbit) (OECD 402)
67-63-0 propan-2-ol		
Oral	LD50	5.840 mg/kg (rat) (OECD 401)
	LD50	13.900 mg/kg (rabbit) (OECD 402)
	LD50	13.900 mg/kg (rabbit) (OECD 402)
	LD50	13.900 mg/kg (rabbit) (OECD 402)
Dermal	LD50	>25 mg/l (rat) (OECD 403)
	LD50	>25 mg/l (rat) (OECD 403)
	LD50	>25 mg/l (rat) (OECD 403)
	LD50	>25 mg/l (rat) (OECD 403)
Inhalative	LC50/4 h	>25 mg/l (rat) (OECD 403)
	LC50/4 h	>25 mg/l (rat) (OECD 403)
	LC50/4 h	>25 mg/l (rat) (OECD 403)
	LC50/4 h	>25 mg/l (rat) (OECD 403)
142-19-8 allyl heptanoate		
Oral	LD50	218 mg/kg (rat)
	LD50	810 mg/kg (rabbit)
	LD50	810 mg/kg (rabbit)
	LD50	810 mg/kg (rabbit)
Dermal	ATE	100 mg/l ()
	ATE	100 mg/l ()
	ATE	100 mg/l ()
	ATE	100 mg/l ()
Inhalative	ATE	100 mg/l ()
	ATE	100 mg/l ()
	ATE	100 mg/l ()
	ATE	100 mg/l ()
3811-73-2 pyridine-2-thiol 1-oxide, sodium salt		
Oral	LD50	500 mg/kg (ATE)
	LD50	1.208 mg/kg (rat)
	LD50	1.800-1.900 mg/kg (rabbit)
	LD50	1.800-1.900 mg/kg (rabbit)
Dermal	ATE	788 mg/kg (ATE)
	ATE	1.800 mg/kg (rabbit)
	ATE	1.800 mg/kg (rabbit)
	ATE	1.800 mg/kg (rabbit)
Inhalative	LC50/4 h	1,08 mg/l (rat)
	LC50/4 h	1,08 mg/l (rat)
	LC50/4 h	1,08 mg/l (rat)
	LC50/4 h	1,08 mg/l (rat)

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2634-33-5 1,2-benzisothiazol-3(2H)-one

Oral	LD50	450 mg/kg (ATE) 670 mg/kg (rat)
Dermal	LD50	>2.000 mg/kg (rat)
Inhalative	LC50/4 h	0,21 mg/l (ATE)

Specific symptoms in biological assay:**67-63-0 propan-2-ol**

Oral	Subakut NOAEL	900 mg/kg (rat) (OECD 408) 90 d
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Primary irritant effect:

- **Skin corrosion/irritation** Based on available data, the classification criteria are not met.
- **Serious eye damage/irritation** Causes serious eye irritation.
- **Respiratory or skin sensitisation** May cause an allergic skin reaction.
- **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:****367-51-1 sodium mercaptoacetate**

LC50/96 h	>100 mg/l (Oncorhynchus mykiss) (OECD 203)
EC50/48 h	38 mg/l (Daphnia magna) (84/449/EEC C.2)

111-76-2 2-butoxyethanol

LC50/96 h	1.474 mg/l (Oncorhynchus mykiss) (OECD 203)
EC50	>700 mg/l (Pseudomonas putida) 16h
EC50/48 h	1.550 mg/l (Daphnia magna) (OECD 202)
EC50/72 h	911-1.840 mg/l (Pseudokirchneriella subcapitata)

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)

68603-38-3 Amides, C16-18 and C18-unsatd., N,N-bis(hydroxyethyl)

NOEC 28 d	0,32 mg/l (Oncorhynchus mykiss)
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NOEC 21 d	0,07 mg/l (<i>Daphnia magna</i>)
EC10/16 h	830 mg/l (<i>Pseudomonas putida</i>)
LC50/96 h	1,2 mg/l (<i>Oncorhynchus mykiss</i>)
LC50/72 h	18,6 mg/l (algae)
EC50/48 h	3,2 mg/l (<i>Daphnia magna</i>)
EC50/72 h	18,6 mg/l (algae)
68515-73-1 D-Glucopyranose, oligomers, decyl octyl glycosides	
NOEC 28 d	1,8 mg/l (<i>Danio rerio</i>)
NOEC 21 d	2 mg/l (<i>Daphnia magna</i>)
LC50/28 d	3,2 mg/l (<i>Danio rerio</i>)
ErC50/72 h	27,22 mg/l (<i>Desmodesmus subspicatus</i>) (DIN 38412 T.9)
LC50/96 h	100,8 mg/l (<i>Danio rerio</i>) (DIN EN ISO 7346/1-3)
EC50/48 h	>100 mg/l (<i>Daphnia magna</i>) (OECD 202)
EC50/6h	>560 mg/l (<i>Pseudomonas putida</i>)
67-63-0 propan-2-ol	
LC50/48 h	>100 mg/l (<i>Leuciscus idus</i>)
EC50	>100 mg/l (Bacteria)
EC50/48 h	>100 mg/l (<i>Daphnia magna</i>)
EC50/72 h	>100 mg/l (<i>Scenedesmus subspicatus</i>)
142-19-8 allyl heptanoate	
LC50/96 h	0,0505 mg/l (<i>Danio rerio</i>) (OECD 203)
EC50/48 h	0,89 mg/l (<i>Daphnia magna</i>) (OECD 202)
EC50/72 h	1,94 mg/l (algae) (OECD 201)
3811-73-2 pyridine-2-thiol 1-oxide, sodium salt	
NOEC 72 h	0,08 mg/l (<i>Selenastrum capricornutum</i>) (OECD 201)
LC50/96 h	0,00767 mg/l (zeb) (OECD 203)
EC50/48 h	0,022 mg/l (<i>Daphnia magna</i>) (OECD 202)
EC50/72 h	0,46 mg/l (<i>Selenastrum capricornutum</i>) (OECD 201)
2634-33-5 1,2-benzisothiazol-3(2H)-one	
NOEC 72 h	0,04 mg/l (<i>Selenastrum capricornutum</i>) (OECD 201)
LC50/96 h	2,2 mg/l (<i>Oncorhynchus mykiss</i>) (OECD 203)
EC50/48 h	3,27 mg/l (<i>Daphnia magna</i>) (OECD 202)
EC50/72 h	0,11 mg/l (<i>Selenastrum capricornutum</i>)
12.2 Persistence and degradability	
111-76-2 2-butoxyethanol	
OECD 301 E	95 % ()
68603-38-3 Amides, C16-18 and C18-unsatd., N,N-bis(hydroxyethyl)	
OECD 301 D	>60 % ()
68515-73-1 D-Glucopyranose, oligomers, decyl octyl glycosides	
OECD 301 E	100 % ()

· **12.3 Bioaccumulative potential** No further relevant information available.

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

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- **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:**

The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

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.

- **European waste catalogue**

20 01 29*	detergents containing hazardous substances
15 01 10*	packaging containing residues of or contaminated by hazardous substances

- **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** Void

- **14.2 UN proper shipping name**

· **ADR, IMDG, IATA** Void

- **14.3 Transport hazard class(es)**

· **ADR, ADN, IMDG, IATA**

· **Class** Void

- **14.4 Packing group**

· **ADR, IMDG, IATA** Void

- **14.5 Environmental hazards:**

Not applicable

- **14.6 Special precautions for user**

Not applicable

- **14.7 Maritime transport in bulk according to IMO instruments**

Not applicable

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· UN "Model Regulation":

Void

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

· **Relevant phrases**

H225 Highly flammable liquid and vapour.

H290 May be corrosive to metals.

H301 Toxic if swallowed.

H302 Harmful if swallowed.

H311 Toxic in contact with skin.

H312 Harmful in contact with skin.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H318 Causes serious eye damage.

H319 Causes serious eye irritation.

H330 Fatal if inhaled.

H331 Toxic if inhaled.

H336 May cause drowsiness or dizziness.

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.

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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:** 09.07.2025

· **Version number of previous version:** 2

· **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

ATE: Acute toxicity estimate values

Flam. Liq. 2: Flammable liquids – Category 2

Met. Corr. 1: Corrosive to metals – Category 1

Acute Tox. 3: Acute toxicity – Category 3

Acute Tox. 4: Acute toxicity – Category 4

Acute Tox. 2: Acute toxicity – Category 2

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

Skin Sens. 1: Skin sensitisation – Category 1

Skin Sens. 1A: Skin sensitisation – Category 1A

Skin Sens. 1B: Skin sensitisation – Category 1B

STOT SE 3: Specific target organ toxicity (single exposure) – Category 3

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

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