

Safety data sheet

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

Printing date 18.12.2024

Version number 2 (replaces version 1)

Revision: 18.12.2024

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

- **1.1 Product identifier**
- **Trade name:** FT900
- **Article number:** 6565XX
- **UFI:** 22U6-A0MV-X00U-QHEU
- **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**
Eye Dam. 1 H318 Causes serious eye damage.

- **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:**
Hexyl D-glucoside
- **Hazard statements**
H318 Causes serious eye damage.
- **Precautionary statements**
P280 Wear eye protection / face protection.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310 Immediately call a POISON CENTER/doctor.
- **Additional information:**
EUH208 Contains (Z)-3-methyl-5-phenylpent-2-enenitrile. May produce an allergic reaction.
- **2.3 Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.

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· **vPvB:** Not applicable.

SECTION 3: Composition/information on ingredients

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

EC number: 931-216-1 Reg.nr.: 01-2119472309-33	Fatty acids, C18 unsatd., reaction products with triethanolamine, di-Me sulfate-quaternized Skin Irrit. 2, H315; Eye Irrit. 2, H319; Aquatic Chronic 3, H412 Specific concentration limits: Skin Irrit. 2; H315: C ≥ 28 % Eye Irrit. 2; H319: C ≥ 28 %	≥2,5-≤10%
EC number: 931-333-8 Reg.nr.: 01-2119489410-39	1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-,N-(C8-18 and C18-unsatd.) acylderivs., hydroxides, inner salts Eye Dam. 1, H318; Aquatic Chronic 3, H412 Specific concentration limits: Eye Dam. 1; H318: C ≥ 10 % Eye Irrit. 2; H319: 4 % ≤ C < 10 %	≥2,5-<4%
CAS: 54549-24-5 EINECS: 259-217-6 Reg.nr.: 01-2119492545-29	Hexyl D-glucoside Eye Dam. 1, H318	≥3-≤10%
CAS: 112-34-5 EINECS: 203-961-6 Reg.nr.: 01-2119475104-44	2-(2-butoxyethoxy)ethanol Eye Irrit. 2, H319	≤2,5%
CAS: 110615-47-9 EC number: 600-975-8 Reg.nr.: 01-2119489418-23	D-Glucopyranose, oligomeric, C10-16-alkyl glycosides Eye Dam. 1, H318; Skin Irrit. 2, H315 Specific concentration limits: Skin Irrit. 2; H315: C ≥ 30 % Eye Dam. 1; H318: C ≥ 12 %	≥0-≤2,5%
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	≥0-≤2,5%
CAS: 53243-59-7 EINECS: 258-446-9	(Z)-3-methyl-5-phenylpent-2-enenitrile Acute Tox. 4, H302; Skin Sens. 1A, H317; Aquatic Chronic 3, H412	≥0-<0,1%

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

cationic surfactants, non-ionic surfactants	≥5 - <15%
amphoteric surfactants	<5%
perfumes, preservation agents (PHENOXYETHANOL, 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**· **After inhalation:** Supply fresh air; consult doctor in case of complaints.· **After skin contact:** Immediately rinse with water.· **After eye contact:** Rinse opened eye for several minutes under running water. Then consult a doctor.· **After swallowing:** Seek immediate medical advice.· **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.
- **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).
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.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:**
Protect from frost.
Protect from heat and direct sunlight.
- **Storage class:** 12
- **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:**

112-34-5 2-(2-butoxyethoxy)ethanol

AGW (Germany)	Long-term value: 67 mg/m ³ , 10 ppm
	1,5(I);EU, DFG, Y, 11

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111-76-2 2-butoxyethanol

AGW (Germany) Long-term value: 49 mg/m³, 10 ppm
2(I);EU, DFG; H, Y

· DNELs**Fatty acids, C18 unsatd., reaction products with triethanolamine, di-Me sulfate-quaternized**

Oral	Long term - systemic effects, general population	7,5 mg/kg bw/day (general population)
Dermal	Long-term - systemic effects, worker	312,5 mg/kg bw/day (worker)
	Long term - systemic effects, general population	187,5 mg/kg bw/day (general population)
Inhalative	Long-term - systemic effects, worker	44 mg/m ³ (worker)
	Long term - systemic effects, general population	13 mg/m ³ (general population)

1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-,N-(C8-18 and C18-unsatd.) acylderivs., hydroxides, inner salts

Oral	Long term - systemic effects, general population	7,5 mg/kg bw/day (general population)
Dermal	Long-term - systemic effects, worker	12,5 mg/kg bw/day (worker)
	Long term - systemic effects, general population	7,5 mg/kg bw/day (general population)
Inhalative	Long-term - systemic effects, worker	44 mg/m ³ (worker)

54549-24-5 Hexyl D-glucoside

Oral	Long term - systemic effects, general population	35,7 mg/kg bw/day (general population)
Dermal	Long-term - systemic effects, worker	595.000 mg/kg bw/day (worker)
	Long term - systemic effects, general population	357.000 mg/kg bw/day (general population)
Inhalative	Long-term - systemic effects, worker	420 mg/m ³ (worker)
	Long term - systemic effects, general population	124 mg/m ³ (general population)

112-34-5 2-(2-butoxyethoxy)ethanol

Oral	Long term - systemic effects, general population	5 mg/kg bw/day (general population)
Dermal	Long-term - systemic effects, worker	83 mg/kg bw/day (worker)
	Long term - systemic effects, general population	50 mg/kg bw/day (general population)
Inhalative	Acute - local effects, worker	101,2 mg/m ³ (worker)
	Long-term - systemic effects, worker	67,5 mg/m ³ (worker)
	Long-term - local effects, worker	67,5 mg/m ³ (worker)
	Acute - local effects, general population	60,7 mg/m ³ (general population)
	Long term - systemic effects, general population	40,5 mg/m ³ (general population)
	Long term - local effects, general population	40,5 mg/m ³ (general population)

110615-47-9 D-Glucopyranose, oligomeric, C10-16-alkyl glycosides

Oral	Long term - systemic effects, general population	35,7 mg/kg bw/day (general population)
Dermal	Long-term - systemic effects, worker	595.000 mg/kg bw/day (worker)
	Long term - systemic effects, general population	357.000 mg/kg bw/day (general population)
Inhalative	Long-term - systemic effects, worker	420 mg/m ³ (worker)
	Long term - systemic effects, general population	124 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)

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<i>Inhalative</i>	<i>Acute - systemic effects, general population</i>	89 mg/kg (general population)
	<i>Long term - systemic effects, general population</i>	75 mg/kg bw/day (general population)
	<i>Acute - local effects, worker</i>	246 mg/m ³ (worker)
	<i>Acute - systemic effects, worker</i>	1.091 mg/m ³ (worker)
	<i>Long-term - systemic effects, worker</i>	98 mg/m ³ (worker)
	<i>Acute - systemic effects, general population</i>	426 mg/m ³ (general population)
	<i>Acute - local effects, general population</i>	147 mg/m ³ (general population)
	<i>Long term - systemic effects, general population</i>	59 mg/m ³ (general population)

· PNECs**Fatty acids, C18 unsatd., reaction products with triethanolamine, di-Me sulfate-quaternized**

<i>PNEC aqua - freshwater</i>	0,022 mg/l (fresh water)
<i>PNEC aqua - marine water</i>	0,0022 mg/l (marine water)
<i>PNEC aqua - water, intermittent releases</i>	0,0191 mg/l (intermittent release water)
<i>PNEC sediment - freshwater</i>	22,48 mg/kg sed dw (sediment fresh water)
<i>PNEC sediment - marine water</i>	2,248 mg/kg sed dw (sediment marine water)
<i>PNEC soil</i>	4,483 mg/kg dw (soil)
<i>PNEC sewage treatment plant</i>	2,96 mg/l (sewage treatment plant)

1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-,N-(C8-18 and C18-unsatd.) acylderivs., hydroxides, inner salts

<i>PNEC aqua - freshwater</i>	0,0135 mg/l (freshwater)
<i>PNEC aqua - marine water</i>	0,0014 mg/l (marine water)
<i>PNEC sediment - freshwater</i>	1 mg/kg sed dw (sediment fresh water)
<i>PNEC sediment - marine water</i>	0,1 mg/kg sed dw (sediment marine water)
<i>PNEC soil</i>	0,8 mg/kg dw (soil)
<i>PNEC sewage treatment plant</i>	3.000 mg/l (sewage treatment plant)

54549-24-5 Hexyl D-glucoside

<i>PNEC aqua - freshwater</i>	0,176 mg/l (freshwater)
<i>PNEC aqua - marine water</i>	0,018 mg/l (marine water)
<i>PNEC sediment - freshwater</i>	0,722 mg/kg sed dw (sediment fresh water)
<i>PNEC sediment - marine water</i>	0,072 mg/kg sed dw (sediment marine water)
<i>PNEC soil</i>	0,654 mg/kg dw (soil)
<i>PNEC sewage treatment plant</i>	100 mg/l (sewage treatment plant)

112-34-5 2-(2-butoxyethoxy)ethanol

<i>PNEC aqua - freshwater</i>	1,1 mg/l (freshwater)
<i>PNEC aqua - marine water</i>	0,11 mg/l (marine water)
<i>PNEC aqua - water, intermittent releases</i>	11 mg/l (intermittent release water)
<i>PNEC sediment - freshwater</i>	4,4 mg/kg sed dw (freshwater)
<i>PNEC sediment - marine water</i>	0,44 mg/kg sed dw (sediment marine water)
<i>PNEC soil</i>	0,32 mg/kg dw (soil)

110615-47-9 D-Glucopyranose, oligomeric, C10-16-alkyl glycosides

<i>PNEC aqua - freshwater</i>	0,176 mg/l (freshwater)
<i>PNEC aqua - marine water</i>	0,018 mg/l (marine water)
<i>PNEC aqua - water, intermittent releases</i>	0,0295 mg/l (intermittent release water)

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PNEC sediment - freshwater	1,516 mg/kg sed dw (sediment fresh water)
PNEC sediment - marine water	0,065 mg/kg sed dw (marine water)
PNEC soil	0,654 mg/kg dw (soil)
PNEC sewage treatment plant	5.000 mg/l (sewage treatment plant)
PNEC oral	111,11 mg/kg food (food sec poisoning)

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)

· **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:**

Immediately remove all soiled and contaminated clothing

Wash hands before breaks and at the end of work.

Avoid contact with the eyes.

Do not eat, drink, smoke or sniff while working.

· **Respiratory protection:** Not required.

· **Hand protection** Not required.

· **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:**

Light yellow

· **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.

· **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**

3-4 (DIN 19268)

· **Viscosity:**

· **Kinematic viscosity**

No further relevant information available.

· **Dynamic:**

No further relevant information available.

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- **Solubility**
- **water:** Fully miscible.
- **Partition coefficient n-octanol/water (log value)** Does not apply to mixtures.
- **Vapour pressure at 20 °C:** 23 hPa (7732-18-5 water)
- **Density and/or relative density**
- **Density at 20 °C:** 1,015-1,025 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.
- **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.

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· LD/LC50 values relevant for classification:**Fatty acids, C18 unsatd., reaction products with triethanolamine, di-Me sulfate-quaternized**

Oral LD50 >2.000 mg/kg (rat) (OECD 401)

Dermal LD50 >2.000 mg/kg (rat) (OECD 402)

1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-,N-(C8-18 and C18-unsatd.) acylderivs., hydroxides, inner salts

Oral LD50 2.430 mg/kg (rat)

Dermal LD50 >5.000 mg/kg (rat)

54549-24-5 Hexyl D-glucoside

Oral LD50 >2.000 mg/kg (rat)

Dermal LD50 >2.000 mg/kg (rabbit)

112-34-5 2-(2-butoxyethoxy)ethanol

Oral LD50 2.410-5.530 mg/kg (mouse)

5.660 mg/kg (rat)

Dermal LD50 2.764 mg/kg (rat)

>2.000 mg/kg (rabbit) (OECD 402)

110615-47-9 D-Glucopyranose, oligomeric, C10-16-alkyl glycosides

Oral LD50 >5.000 mg/kg (rat)

Dermal LD50 >2.000 mg/kg (rabbit) (OECD 402)

111-76-2 2-butoxyethanol

Oral LD50 1.200 mg/kg (ATE)

1.414 mg/kg (pd)

1.000-2.000 mg/kg (rat)

Dermal LD50 2.000 mg/kg (rat)

>1.000-2.000 mg/kg (rabbit)

Inhalative LC50/4 h 3 mg/l (ATE)

· Specific symptoms in biological assay:**110615-47-9 D-Glucopyranose, oligomeric, C10-16-alkyl glycosides**

Oral Subakut NOAEL 1.000 mg/kg (rat)

· Primary irritant effect:· **Skin corrosion/irritation** Based on available data, the classification criteria are not met.· **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.

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SECTION 12: Ecological information

· 12.1 Toxicity

· Aquatic toxicity:

Fatty acids, C18 unsatd., reaction products with triethanolamine, di-Me sulfate-quaternized

NOEC 21 d	0,268 mg/l (<i>Daphnia magna</i>) (OECD 211)
NOEC 30 d	0,224 mg/l (<i>Daphnia magna</i>) (OECD 210)
LC50/96 h	1,19 mg/l (<i>Oncorhynchus mykiss</i>) (OECD 203; ISO 7346; 84/449/EWG, C.1, semistatisch)
EC10/21 d	0,346 mg/l (<i>Daphnia magna</i>) (OECD 211)
EC10/96 h	1,48 mg/l (<i>Desmodesmus subspicatus</i>) (OECD 201)
EC50/48 h	2,23 mg/l (<i>Daphnia magna</i>) (OECD-Richtlinie 202, Teil 1, statisch)
EC50/96 h	2,14 mg/l (<i>Scenedesmus subspicatus</i>) (OECD 201)

1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-,N-(C8-18 and C18-unsatd.) acylderivs., hydroxides, inner salts

NOEC	0,1-1 mg/l (<i>Oncorhynchus mykiss</i>)
NOEC 21 d	0,3 mg/l (<i>Daphnia magna</i>)
LC50/96 h	>1-10 mg/l (fish)
EC50/48 h	1,9 mg/l (<i>Daphnia magna</i>)
EC50/72 h	>1-10 mg/l (<i>Scenedesmus subspicatus</i>)

54549-24-5 Hexyl D-glucoside

NOEC 21 d	>1-10 mg/l (<i>Daphnia magna</i>)
NOEC 72 h	>100 mg/l (algae)
LC50/96 h	>100 mg/l (<i>Oncorhynchus mykiss</i>)
EC50/48 h	>100 mg/l (<i>Daphnia magna</i>)
EC50/72 h	>100 mg/l (algae)

112-34-5 2-(2-butoxyethoxy)ethanol

NOEC 96 h	>100 mg/l (<i>Desmodesmus subspicatus</i>) (OECD 201)
NOEC 48 h	>100 mg/l () (OECD 202)
EC10/30 min	>1.995 mg/l (bel) (DEV - L2 OECD 209)
LC50/96 h (static)	1.300 mg/l (<i>Lepomis macrochirus</i>) (OECD 203)
EC50	4.950 mg/l (<i>Daphnia magna</i>) 48 h
EC50/24 h	2.850 mg/l (<i>Daphnia magna</i>)
EC50/48 h (static)	>100 mg/l (<i>Daphnia magna</i>) (OECD 202)
EC50/96 h	>100 mg/l (<i>Desmodesmus subspicatus</i>) (OECD 201)
EC50/72 h (static)	>100 mg/l (<i>Desmodesmus subspicatus</i>) (OECD 201)

110615-47-9 D-Glucopyranose, oligomeric, C10-16-alkyl glycosides

NOEC 28 d	1,8 mg/l (bra)
NOEC 21 d	1 mg/l (<i>Daphnia magna</i>)
LC50/96 h	2,95 mg/l (zeb)
EC50/48 h	>7 mg/l (<i>Daphnia magna</i>)
EC50/72 h	19 mg/l (<i>Scenedesmus subspicatus</i>)

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

12.2 Persistence and degradability**111-76-2 2-butoxyethanol**

OECD 301 E 95 % ()

- **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.

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** 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

H302 Harmful if swallowed.

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.

H331 Toxic if inhaled.

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: 13.03.2024

· Version number of previous version: 1

· 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
ATE: Acute toxicity estimate values
Acute Tox. 4: Acute toxicity – Category 4
Acute Tox. 3: Acute toxicity – Category 3
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. 1A: Skin sensitisation – Category 1A
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.**

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