

Safety data sheet

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

Printing date 19.02.2026

Version number 101.15 (replaces version 101.14)

Revision: 05.02.2026

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

- 1.1 Product identifier

- Trade name Cleaner 03 BF

- Other trade names:

- Article number: 12704-1

- UFI: U190-A098-Y00J-9HM2

- 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:

PERKUTE - Maschinenbau GmbH

Düsterbergstr. 10

D-48432 Rheine

Tel. ++ 49 / 59 71 / 80 81 68 - 0

Fax ++ 49 / 59 71 / 80 81 68 - 1

E-Mail: info@perkute.de

- Informing department: *Product safety department*

- 1.4 Emergency telephone number:

This is an English-language document designed for the European region. For the emergency number and other country-specific data, please refer to the specific national versions of this safety data sheet.

Counselling Centre for Poisoning, Mainz

Tel. (+49) 61 31 / 19 240.

* SECTION 2: Hazards identification

- 2.1 Classification of the substance or mixture

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

The product is not classified, according to the CLP regulation.

- 2.2 Label elements

- Labelling according to Regulation (EC) No 1272/2008 *Void*

- Hazard pictograms *Void*

- Signal word *Void*

- Hazard statements *Void*

- Additional information:

Safety data sheet available on request.

- 2.3 Other hazards

- Results of PBT and vPvB assessment

- PBT:

95-14-7	benzotriazole
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- vPvB: *Not applicable*

- Determination of endocrine-disrupting properties *Not applicable*

SECTION 3: Composition/information on ingredients

- 3.2 Mixtures

- Description: *Mixture of the substances listed below with non-hazardous additions (solution in water).*

- Dangerous components:

CAS: 102-71-6	Triethanolamine	2,5-10%
EINECS: 203-049-8	substance with a Community workplace exposure limit	
Reg.nr.: 01-2119486482-31		

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CAS: 15763-76-5 EINECS: 239-854-6 Reg.nr.: 01-2119489411-37	sodium p-cumenesulphonate Eye Irrit. 2, H319	≤2,5%
CAS: 34590-94-8 EINECS: 252-104-2 Reg.nr.: 01-2119450011-60	Dipropylene glycol monomethyl ether substance with a Community workplace exposure limit	≤2,5%
CAS: 124-68-5 EINECS: 204-709-8 Reg.nr.: 01-2119475788-16	2-amino-2-methylpropanol Skin Irrit. 2, H315; Eye Irrit. 2, H319; Aquatic Chronic 3, H412 substance with a Community workplace exposure limit	<2,5%
CAS: 95-14-7 EINECS: 202-394-1 Reg.nr.: 01-2119979079-20	benzotriazole Aquatic Chronic 2, H411; Acute Tox. 4, H302; Eye Irrit. 2, H319 substance with a Community workplace exposure limit PBT	<0,25%

- SVHC

This preparation does not contain any substances of very high concern (SVHC) in a concentration of ≥ 0.1 % according to Regulation (EC) 1907/2006, Article 57.

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

- Composition/Ingredients

Constituents according to EC-Regulation 648/2004:
Preservative (BENZOTRIAZOLE)

SECTION 4: First aid measures

- 4.1 Description of first aid measures

- **General advice:** Instantly remove any clothing soiled by the product.

- **After inhalation** Supply fresh air; consult doctor in case of symptoms.

- After skin contact

Wash skin with water using soap if available. If persistent irritation occurs, obtain medical attention.

- After eye contact

Rinse immediately opened eye for several minutes under running water. Then consult doctor.

- After swallowing

Rinse out mouth and then drink plenty of water.

Do not induce vomiting; instantly call for medical help.

- 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** Coordinate fire extinguishing measures with the surroundings.

- 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 breathing apparatus.

- **Additional information** Collect contaminated fire fighting water separately. It must not enter drains.

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SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures**
Put on protective equipment and keep unprotected persons away.
- **6.2 Environmental precautions:**
Do not allow to enter drainage system, surface or ground water.
In case of release of larger quantities, inform competent authorities.
- **6.3 Methods and material for containment and cleaning up:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Dispose of contaminated material as waste according to point 13.
- **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 information on disposal.

* SECTION 7: Handling and storage

- **7.1 Precautions for safe handling** The usual good standards of industrial hygiene should be maintained.
- **Information about protection against explosions and fires:**
Observance of the general rules of preventive operational fire protection.
- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage** Store in cool, dry conditions in well sealed containers.
- **Requirements to be met by storerooms and containers:**
Observe laws and regulations on the storage and use of substances hazardous to water.
Store in the delivery container or in PE containers.
- **Information about storage in one common storage facility:** Store away from foodstuffs.
- **Further information about storage conditions:** None.
- **Storage class** 12 (VCI - Konzept, 2007)
- **7.3 Specific end use(s)** No further relevant information available.

* SECTION 8: Exposure controls/personal protection

- 8.1 Control parameters

- Components with critical values that require monitoring at the workplace:

102-71-6 Triethanolamine

AGW (Germany)	Long-term value: 1 E mg/m ³ 1(I);DFG, Y
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34590-94-8 Dipropylene glycol monomethyl ether

AGW (Germany)	Long-term value: 310 mg/m ³ , 50 ppm 1(I);DFG, EU, 11
EG (Germany)	Short-term value: 614 mg/m ³ , 100 ppm Long-term value: 308 mg/m ³ , 50 ppm H
MAK (Germany)	Long-term value: 310 mg/m ³ , 50 ppm als Dampf und Aerosol
IOELV (EU)	Long-term value: 308 mg/m ³ , 50 ppm Skin

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124-68-5 2-amino-2-methylpropanol

AGW (Germany)	Long-term value: 3,7 mg/m ³ , 1 ppm 2(II);DFG, H, Y, 11
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95-14-7 benzotriazole

MAK (Germany)	H vgl.Abschn. Xc, Dampf und Aerosol
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- DNELs**102-71-6 Triethanolamine**

Oral	DNEL (population)	3,3 mg/kg bw/day (Long-term, systemic effects)
Dermal	DNEL (worker)	7,5 mg/kg bw/day (Long-term, systemic effects)
	DNEL (population)	2,66 mg/kg bw/day (Long-term, systemic effects)
Inhalative	DNEL (worker)	0,14 mg/cm ² (Long-term, local effects)
	DNEL (population)	0,07 mg/cm ² (Long-term, local effects)
	DNEL (worker)	1 mg/m ³ (Long-term, local effects)
	DNEL (population)	0,4 mg/m ³ (Long-term, local effects)

15763-76-5 sodium p-cumenesulphonate

Oral	DNEL (population)	3,8 mg/kg bw/day (Long-term, systemic effects)
Dermal	DNEL (worker)	7,6 mg/kg bw/day (Long-term, systemic effects)
	DNEL (population)	3,8 mg/kg bw/day (Long-term, systemic effects)
Inhalative	DNEL (worker)	53,6 mg/m ³ (Long-term, systemic effects)
	DNEL (population)	13,2 mg/m ³ (Long-term, systemic effects)

34590-94-8 Dipropylene glycol monomethyl ether

Oral	DNEL (population)	36 mg/kg bw/day (Long-term, systemic effects)
Dermal	DNEL (worker)	283 mg/kg bw/day (Long-term, systemic effects)
	DNEL (population)	121 mg/kg bw/day (Long-term, systemic effects)
Inhalative	DNEL (worker)	308 mg/m ³ (Long-term, systemic effects)
	DNEL (population)	37,2 mg/m ³ (Long-term, systemic effects)

95-14-7 benzotriazole

Oral	DNEL (population)	0,12 mg/kg bw/day (Long-term, systemic effects)
Dermal	DNEL (worker)	0,24 mg/kg bw/day (Long-term, systemic effects)
	DNEL (population)	0,12 mg/kg bw/day (Long-term, systemic effects)
Inhalative	DNEL (worker)	4,2 mg/m ³ (Long-term, systemic effects)
	DNEL (population)	2,1 mg/m ³ (Long-term, systemic effects)

- PNECs**102-71-6 Triethanolamine**

PNEC water	5,12 mg/l (intermittent releases)
PNEC	0,32 mg/l (freshwater)
	0,032 mg/l (Seawater)
PNEC	0,151 mg/kg dw (soil)
PNEC sediment	1,7 mg/kg dw (freshwater)
	0,17 mg/kg dw (Seawater)
PNEC STP	10 mg/l

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15763-76-5 sodium p-cumenesulphonate	
PNEC water	0,23 mg/l (freshwater) 2,3 mg/l (intermittent releases)
PNEC STP	100 mg/l (sewage plant)
34590-94-8 Dipropylene glycol monomethyl ether	
PNEC water	19 mg/l (freshwater) 1,9 mg/l (marine water)
PNEC water	190 mg/l (intermittent releases)
PNEC	4.168 mg/l (sewage plant)
PNEC sediment	70,2 mg/kg (freshwater) 7,02 mg/kg (marine water)
PNEC soil	2,74 mg/kg (soil)
95-14-7 benzotriazole	
PNEC	0,0097 mg/l (Seawater) 0,097 mg/l (freshwater) 9,4 mg/l (sewage plant)
PNEC sediment	1,1 mg/kg (freshwater) 0,11 mg/kg (marine water)
PNEC soil	0,169 mg/kg (soil)
PNEC STP	9,4 mg/l (sewage plant)

- **Additional information:** The lists that were valid during the compilation 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 food, beverages and fodder.

Instantly remove any soiled and impregnated garments.

Wash hands during breaks and at the end of the work.

Avoid contact with the eyes and skin.

Gases, fumes and aerosols should not be inhaled.

- **Breathing equipment:** Not necessary if room is well-ventilated.

- **Hand protection**

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

- **Material of gloves**

Nitrile rubber, NBR

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.

- **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 safety glasses.

- **Body protection:** Standard protective work clothing.

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SECTION 9: Physical and chemical properties

- 9.1 Information on basic physical and chemical properties

- General Information

- Physical state	Liquid
- Colour:	colourless-yellowish
- Smell:	Characteristic
- Odour threshold:	Not determined
- Melting point/freezing point:	Not determined
- Boiling point or initial boiling point and boiling range	100 °C (7732-18-5 water, distilled, conductivity or of similar purity)
- Flammability	Not applicable
- Lower and upper explosion limit	
- Lower:	Not determined
- Upper:	Not determined
- Flash point:	Not determined
- Auto-ignition temperature:	Not determined
- Decomposition temperature:	Not determined
- pH at 20 °C	9,6 (Konz.) not applicable
- pH-value:	
- Viscosity:	
- Kinematic viscosity	Not determined
- dynamic:	Not determined
- Solubility	
- Water:	Insoluble
- Partition coefficient n-octanol/water (log value)	Not determined
- Vapour pressure at 20 °C:	23 hPa (7732-18-5 water, distilled, conductivity or of similar purity)
- Density and/or relative density	
- Density at 20 °C	1,04 g/cm ³
- Relative density	Not determined
- Vapour density	Not determined

- 9.2 Other information

- Appearance:	
- Form:	Fluid
- Important information on protection of health and environment, and on safety.	
- Self-inflammability:	Product is not selfigniting.
- Explosive properties:	Product is not potentially explosive
- Evaporation rate	Not determined

- 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

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- 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 that are relevant for classification:**

102-71-6 Triethanolamine

Oral	LD50	>5.000 mg/kg /Litera (rat) (OECD 401)
Dermal	LD50	>2.000 mg/kg (rabbit) (OECD 402)

15763-76-5 sodium p-cumenesulphonate

Oral	LD50	>2.000 mg/kg (rat)
Dermal	LD50	>2.000 mg/kg (rabbit)

34590-94-8 Dipropylene glycol monomethyl ether

Oral	LD50	5.135 mg/kg (rat)
Dermal	LD50	9.510 mg/kg (rabbit)
Inhalative	LC 50 / 4 h	55-60 mg/l (rat)

124-68-5 2-amino-2-methylpropanol

Oral	LD50	2.900 mg/kg (rat)
		>2.000 mg/kg (mouse)
		2.150 mg/kg (mouse)
Dermal	LD50	>2.000 mg/kg (rabbit)
		>2.000 mg/kg (rabbit)

95-14-7 benzotriazole

Oral	LD50	560 mg/kg (rat)
Dermal	LD50	>2.000 mg/kg (rabbit)

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

- STOT-repeated exposure:		
34590-94-8 Dipropylene glycol monomethyl ether		
Oral	NOAEL subacute	1.000 mg/kg/28d (rat)
Dermal	NOAEL	2.850 mg/kg /Subchro (rabbit)

- 11.2 Information on other hazards		
- Endocrine disrupting properties		
None of the ingredients is listed.		

* SECTION 12: Ecological information

- 12.1 Toxicity		
- Aquatic toxicity:		
102-71-6 Triethanolamine		
LC 50 / 96 h	11.800 mg/l	(Pimephales promelas)
EC 50 / 48 h	>100 mg/l	/statisch (Ceriodaphnia dubia) (Literaturwert)
EC50 / 3h	>1.000 mg/l	(activated sludge (DEV - L2)) (OECD 209 (Activated Sludge, Resp. Inhibition Test))
EC 50 / 24 h	2.038 mg/l	(Daphnia magna)
EC 50 / 72 h	512 mg/l	(Scenedesmus subspicatus)
15763-76-5 sodium p-cumenesulphonate		
LC 50 / 96 h	>100 mg/l	(fish)
EC 50 / 48 h	>100 mg/l	(Daphnia magna)
EC 50 / 72 h	>100 mg/l	(Desmodesmus subspicatus)
EC 50 / 2 h	>1.000 mg/l	(activated sludge (method OECD 209))
34590-94-8 Dipropylene glycol monomethyl ether		
LC 50 / 96 h	>1.000 mg/l	(fish)
	>10.000 mg/l	(Pimephales promelas)
LC 50 / 48 h	1.919 mg/l	(Daphnia magna)
EC 50 / 96 h	969 mg/l	(Selenastrum capricornutum)
EC 50 / 72 h	>969 mg/l	(Pseudokirchneriella subcapitata)
NOEC	≥0,5 mg/l	/22 d (Daphnia magna)
NOEC / 72 h	969 mg/l	(Pseudokirchneriella subcapitata)
124-68-5 2-amino-2-methylpropanol		
LC 50 / 48 h	193 mg/l	(Daphnia magna)
LC 50	184 mg/l	(fish)

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IC 50 / 72 h	520 mg/l (<i>Scenedesmus subspicatus</i>)
EC 50	342,9 mg/l (activated sludge (method OECD 209))

95-14-7 benzotriazole

LC 50 / 96 h	180 mg/l (<i>Danio rerio</i>) (OECD 203 (Acute toxicity - fish))
LC 0 / 96 h	100 mg/l (<i>Brachydanio rerio</i>)
EC 50 / 48 h	15,8 mg/l (<i>Daphnia magna</i>) (OECD 202)
EC 50 / 72 h	75 mg/l (<i>Pseudokirchneriella subcapitata</i>)
EC 10	0,97 mg/l (<i>Daphnia magna</i>) (OECD 211, 21d)
EC 10 / 72 h	1,18 mg/l (<i>Desmodesmus subspicatus</i>)

- 12.2 Persistence and degradability**102-71-6 Triethanolamine**

DOC - Elimination	96 % (OECD 301 E)
Biodegradability	91 % (bacteria) (28 d, modif. Sturm-Test)

15763-76-5 sodium p-cumenesulphonate

Biodegradability	>60 % /28d (OECD 301 B)
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34590-94-8 Dipropylene glycol monomethyl ether

DOC - Elimination	>70 % (OECD 301 E)
Biodegradability	91 % /28 d (ISO 14593) 75 % /10d (OECD 301 F)

124-68-5 2-amino-2-methylpropanol

Biodegradability	89,3 % (OECD 301 F) (28 d)
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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:**

95-14-7	benzotriazole
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- vPvB: Not applicable**- 12.6 Endocrine disrupting properties** For information on endocrine disrupting properties see section 11.**- 12.7 Other adverse effects****- Respiratory inhibition of communal activated sludge EC 20 (mg/l according to ISO 8192 B):****102-71-6 Triethanolamine**

EC 50	>1.000 mg/l (activated sludge (method OECD 209))
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34590-94-8 Dipropylene glycol monomethyl ether

EC 10	4.168 mg/l /18 h (<i>Pseudomonas putida</i>)
EC 20	>1.000 mg/l (activated sludge (method OECD 209))

95-14-7 benzotriazole

EC 50	1.060 mg/l (OECD 209 / ISO 8192)
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- Additional ecological information:**- General notes:** Water hazard class 1 (Self-assessment): slightly hazardous for water.

SECTION 13: Disposal considerations

- 13.1 Waste treatment methods

The note below refers to the product left as it is and not to further processed products. When mixed with other products, other disposal routes may be required; if in doubt, consult the supplier of the product or the local authority.

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- Recommendation*Must be specially treated under adherence to official regulations.**Must not be disposed of together with household garbage. Do not allow product to reach sewage system.***- Waste disposal key number:***Since 1 January 1999, the waste code numbers have not only been product-related but essentially application-related. The waste code number valid for the application can be taken from the European Waste Catalogue.***- Uncleaned packagings:** *Disposal in accordance with official regulations.***- Recommendation:***Development: After optimal emptying, immediately return to the supplier tightly closed and without cleaning. Make sure that no foreign matter gets into the packaging!**Other containers: Empty completely and clean for reconditioning or reprocessing.*

SECTION 14: Transport information

- 14.1 UN number or ID number - ADR/RID, IMDG, IATA	Void
- 14.2 UN proper shipping name - ADR/RID, IMDG, IATA	Void
- 14.3 Transport hazard class(es) - ADR/RID, IMDG, IATA - Class	Void
- 14.4 Packing group - ADR/RID, IMDG, IATA	Void
- 14.5 Environmental hazards: - Marine pollutant:	Not applicable No
- 14.6 Special precautions for user	Not applicable
- 14.7 Maritime transport in bulk according to IMO instruments	Not applicable
- Transport/Additional information:	Not dangerous according to the above specifications.
- UN "Model Regulation":	Void

SECTION 15: Regulatory information

- 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**- Labelling according to Regulation (EC) No 1272/2008** Void**- Hazard pictograms** Void**- Signal word** Void**- Hazard statements** Void**- Directive 2012/18/EU****- Named dangerous substances - ANNEX I** None of the ingredients is listed.**- LIST OF SUBSTANCES SUBJECT TO AUTHORISATION (ANNEX XIV)**

None of the ingredients is listed.

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- 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

- 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

- Information about limitation of use:

Employment restrictions concerning young persons must be observed.

- Other regulations, limitations and prohibitive regulations

- Substances of very high concern (SVHC) according to REACH, Article 57

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

This safety data sheet complies with Regulation (EC) No 1907/2006, Article 31 as amended by Regulation (EU) 2023/707.

- Application: Please refer to the technical data sheet for application instructions.

- Registration-Number

- Relevant phrases

Complete wording of hazard statements and risk phrases (H-phrases) mentioned in section 3. These phrases refer to the constituents. The labelling for this product is stated in section 2.

H302 Harmful if swallowed.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H411 Toxic to aquatic life with long lasting effects.

H412 Harmful to aquatic life with long lasting effects.

- Department issuing data specification sheet: See section 1.3: Responding area

- Date of previous version: 17.09.2025

- Version number of previous version: 101.14

- Abbreviations and acronyms:

LEV: Local Exhaust Ventilation

NOAEL: No Observed Adverse Effect Level

RPE: Respiratory Protective Equipment

RCR: Risk Characterisation Ratio (RCR= PEC/PNEC)

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 Harmonized System of Classification and Labelling of Chemicals

CLP: Classification, Labelling and Packaging (Regulation (EC) No. 1272/2008)

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)

TRGS: Technische Regeln für Gefahrstoffe (Technical Rules for Dangerous Substances, BAuA, Germany)

ISO: International Organisation for Standardisation

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

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*DNEL: Derived No-Effect Level (REACH)**PNEC: Predicted No-Effect Concentration (REACH)**LC50: Lethal concentration, 50 percent**LD50: Lethal dose, 50 percent**SVHC: Substance of Very High Concern**SVHC: Substances of Very High Concern**vPvB: very Persistent and very Bioaccumulative**Acute Tox. 4: Acute toxicity – Category 4**Skin Irrit. 2: Skin corrosion/irritation – Category 2**Eye Irrit. 2: Serious eye damage/eye irritation – Category 2**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***- * Data compared to the previous version altered.**

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