

## SAFETY DATA SHEET

According to the REACH Regulation (EC) 1907/2006  
amended by Regulation (EU) 2020/878

VERSION: 4.0 | PRODUCT NAME: DENIMBLU30 | ISSUE DATE: 01-JAN-2023 | REVISION DATE: 01-JAN-2023

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

## 1.1. Product identifier

Product form : Mixture  
Trade name : DenimBlu<sup>30</sup>

## 1.2. Relevant identified uses of the substance or mixture and uses advised against

## 1.2.1. Relevant identified uses

Use of the substance/mixture : Dyeing of cotton yarn for denim production.

## 1.2.2. Uses advised against

Restrictions on use : No information available.

## 1.3. Details of the supplier of the safety data sheet

## Supplier:

BLU CONNECTION PTE LTD  
4 Battery Road Bank of China Building #25-01 Singapore  
049908  
T +6591253501 - F +6565570525  
mail@bluconnection.com

## Importer:

## 1.4. Emergency telephone number

Emergency number : +6591167515

## SECTION 2: Hazards identification

## 2.1. Classification of the substance or mixture

## Classification according to Regulation (EC) No. 1272/2008 [CLP]

Skin corrosion/irritation, Category 1, Sub-Category 1B H314  
Serious eye damage/eye irritation, Category 1 H318  
Full text of H- and EUH-statements: see section 16

## Adverse physicochemical, human health and environmental effects

Causes severe skin burns and eye damage.

## 2.2. Label elements

## Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP) :



GHS05

Signal word (CLP) : Danger

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Hazard statements (CLP)	: H314 - Causes severe skin burns and eye damage.
Precautionary statements (CLP)	: P260 - Do not breathe dust/fume/gas/mist/vapours/spray. P280 - Wear protective gloves/protective clothing/eye protection/face protection/hearing protection. P301+P330+P331+P310 - IF SWALLOWED: rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER or doctor. P303+P361+P353+P310 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. Immediately call a POISON CENTER or doctor. P305+P351+P338+P310 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor. P405 - Store locked up.
EUH-statements	: None.

**2.3. Other hazards**

Other hazards which do not result in classification : No information available.

 Contains no PBT/vPvB substances  $\geq 0.1\%$  assessed in accordance with REACH Annex XIII

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

**SECTION 3: Composition/information on ingredients****3.1. Substances**

Not applicable.

**3.2. Mixtures**

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
[2,2'-Bi-1H-indole]-3,3'-diol, disodium salt	CAS-No.: 894-86-0 EC-No.: 212-974-6	30.0	Skin Corr. 1B, H314 Eye Dam. 1, H318
Sodium hydroxide	CAS-No.: 1310-73-2 EC-No.: 215-185-5 EC Index-No.: 011-002-00-6	1.5	Acute Tox. 4 (Oral), H302 Skin Corr. 1A, H314 Eye Dam. 1, H318
Formaldehyde-naphthalenesulfonic acid polymer sodium salt	CAS-No.: 9084-06-4 EC-No.: 618-665-6	0.5	Not classified
Water	CAS-No.: 7732-18-5 EC-No.: 231-791-2	68.0	Not classified

**Specific concentration limits:**

Name	Product identifier	Specific concentration limits
Sodium hydroxide	CAS-No.: 1310-73-2 EC-No.: 215-185-5 EC Index-No.: 011-002-00-6	( 0.5 $\leq$ C < 2 ) Eye Irrit. 2, H319 ( 0.5 $\leq$ C < 2 ) Skin Irrit. 2, H315 ( 2 $\leq$ C < 5 ) Skin Corr. 1B, H314 ( 5 $\leq$ C < 100 ) Skin Corr. 1A, H314

Full text of H- and EUH-statements: see section 16

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**SECTION 4: First aid measures****4.1. Description of first aid measures**

First-aid measures general	: Call a physician immediately.
First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing. Call a physician immediately.
First-aid measures after skin contact	: Rinse skin with water/shower. Take off immediately all contaminated clothing. Call a physician immediately.
First-aid measures after eye contact	: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician immediately.
First-aid measures after ingestion	: Rinse mouth. Do not induce vomiting. Never give anything by mouth to an unconscious person. Call a physician immediately.

**4.2. Most important symptoms and effects, both acute and delayed**

Symptoms/effects	: Causes severe skin burns and eye damage.
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**4.3. Indication of any immediate medical attention and special treatment needed**

Treat symptomatically.

**SECTION 5: Firefighting measures****5.1. Extinguishing media**

Suitable extinguishing media	: Use extinguishing media appropriate for surrounding fire.
Unsuitable extinguishing media	: No information available.

**5.2. Special hazards arising from the substance or mixture**

Fire hazard	: Not flammable.
Explosion hazard	: No direct explosion hazard.
Hazardous decomposition products in case of fire	: Toxic fumes may be released, such as carbon oxides, nitrogen oxides, sulphur oxides, metal oxides.

**5.3. Advice for firefighters**

Protection during firefighting	: Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.
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**SECTION 6: Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures**

General measures	: Evacuate personnel to a safe area. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Ensure adequate ventilation, especially in confined areas.
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**6.1.1. For non-emergency personnel**

Protective equipment	: Wear personal protective equipment.
Emergency procedures	: Do not eat, drink or smoke during use. Wash thoroughly after handling.

**6.1.2. For emergency responders**

Protective equipment	: Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".
Emergency procedures	: Avoid contact with skin, eyes and clothing. Do not breathe dust/fume/gas/mist/vapours/spray.

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**6.2. Environmental precautions**

Avoid release to the environment. Prevent liquid from entering sewers, watercourses, underground or low areas.

**6.3. Methods and material for containment and cleaning up**

For containment	: No additional information available.
Methods for cleaning up	: Absorb remaining liquid with sand or inert absorbent and remove to safe place.
Other information	: Dispose of materials or solid residues at an authorized site.

**6.4. Reference to other sections**

For further information refer to section 13.

**SECTION 7: Handling and storage****7.1. Precautions for safe handling**

Precautions for safe handling	: Evacuate unnecessary personnel. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Ensure adequate ventilation, especially in confined areas. Wear personal protective equipment.
Hygiene measures	: Keep away from food, drink and animal feeding stuffs. Avoid contact with eyes, skin and clothing. Take off contaminated clothing and wash it before reuse. Do not breathe dust/fume/gas/mist/vapours/spray. Do not eat, drink or smoke when using this product. Wash thoroughly after handling.

**7.2. Conditions for safe storage, including any incompatibilities**

Storage conditions	: Store locked up. Store in a well-ventilated place. Keep cool. Keep container tightly closed. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep only in original container.
Incompatible materials	: Acids.
Storage temperature	: No information available.

**7.3. Specific end use(s)**

No additional information available

**SECTION 8: Exposure controls/personal protection****8.1. Control parameters****8.1.1 National occupational exposure and biological limit values**

<b>Sodium hydroxide (1310-73-2)</b>	
<b>Austria - Occupational Exposure Limits</b>	
MAK (OEL TWA)	2 mg/m <sup>3</sup> (inhalable fraction)
MAK (OEL STEL)	4 mg/m <sup>3</sup> (inhalable fraction)
<b>Bulgaria - Occupational Exposure Limits</b>	
OEL TWA	2 mg/m <sup>3</sup> (alkaline aerosols)
<b>Croatia - Occupational Exposure Limits</b>	
KGVI (OEL STEL)	2 mg/m <sup>3</sup>
<b>Czech Republic - Occupational Exposure Limits</b>	

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<b>Sodium hydroxide (1310-73-2)</b>	
PEL (OEL TWA)	1 mg/m <sup>3</sup>
<b>Denmark - Occupational Exposure Limits</b>	
OEL C	2 mg/m <sup>3</sup>
<b>Estonia - Occupational Exposure Limits</b>	
OEL TWA	1 mg/m <sup>3</sup>
OEL STEL	2 mg/m <sup>3</sup>
<b>Finland - Occupational Exposure Limits</b>	
HTP (OEL C)	2 mg/m <sup>3</sup>
<b>France - Occupational Exposure Limits</b>	
VME (OEL TWA)	2 mg/m <sup>3</sup>
<b>Greece - Occupational Exposure Limits</b>	
OEL TWA	2 mg/m <sup>3</sup>
OEL STEL	2 mg/m <sup>3</sup>
<b>Hungary - Occupational Exposure Limits</b>	
AK (OEL TWA)	1 mg/m <sup>3</sup>
CK (OEL STEL)	2 mg/m <sup>3</sup>
<b>Ireland - Occupational Exposure Limits</b>	
OEL STEL	2 mg/m <sup>3</sup>
<b>Latvia - Occupational Exposure Limits</b>	
OEL TWA	0.5 mg/m <sup>3</sup>
<b>Lithuania - Occupational Exposure Limits</b>	
NRV (OEL C)	2 mg/m <sup>3</sup>
<b>Poland - Occupational Exposure Limits</b>	
NDS (OEL TWA)	0.5 mg/m <sup>3</sup>
NDSch (OEL STEL)	1 mg/m <sup>3</sup>
<b>Portugal - Occupational Exposure Limits</b>	
OEL C	2 mg/m <sup>3</sup>
<b>Slovakia - Occupational Exposure Limits</b>	
NPHV (OEL TWA) [1]	2 mg/m <sup>3</sup>
<b>Spain - Occupational Exposure Limits</b>	
VLA-EC (OEL STEL)	2 mg/m <sup>3</sup>
<b>Sweden - Occupational Exposure Limits</b>	
NGV (OEL TWA)	1 mg/m <sup>3</sup> (inhalable fraction)
KTV (OEL STEL)	2 mg/m <sup>3</sup> (inhalable fraction)
<b>United Kingdom - Occupational Exposure Limits</b>	

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Sodium hydroxide (1310-73-2)	
WEL STEL (OEL STEL)	2 mg/m <sup>3</sup>
Norway - Occupational Exposure Limits	
Takverdi (OEL C) [1]	2 mg/m <sup>3</sup>
Switzerland - Occupational Exposure Limits	
MAK (OEL TWA) [1]	2 mg/m <sup>3</sup> (inhalable dust)
KZGW (OEL STEL)	2 mg/m <sup>3</sup> (inhalable dust)
USA - ACGIH - Occupational Exposure Limits	
ACGIH OEL C	2 mg/m <sup>3</sup>

## 8.1.2. Recommended monitoring procedures

No additional information available

## 8.1.3. Air contaminants formed

No additional information available

## 8.1.4. DNEL and PNEC

No additional information available

## 8.1.5. Control banding

No additional information available

## 8.2. Exposure controls

## 8.2.1. Appropriate engineering controls

**Appropriate engineering controls:**

Ensure good ventilation of the work station.

## 8.2.2. Personal protection equipment

**Personal protective equipment symbol(s):**

No additional information available.

## 8.2.2.1. Eye and face protection

**Eye protection:**

Safety glasses with side shields.

## 8.2.2.2. Skin protection

**Skin and body protection:**

Wear suitable protective clothing.

**Hand protection:**

Protective gloves.

## 8.2.2.3. Respiratory protection

**Respiratory protection:**

In case of insufficient ventilation, wear suitable respiratory equipment.

## 8.2.2.4. Thermal hazards

No additional information available.

## 8.2.3. Environmental exposure controls

**Environmental exposure controls:**

Avoid release to the environment.

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**SECTION 9: Physical and chemical properties****9.1. Information on basic physical and chemical properties**

Physical state	: Liquid
Appearance	: Translucent liquid.
Colour	: Yellow brown
Odour	: Special
Odour threshold	: Not available
Relative evaporation rate (butylacetate=1)	: Not available
Melting point	: < -6 °C
Freezing point	: Not available
Boiling point	: 100 °C
Flammability	: Non flammable.
Explosive properties	: Not explosive.
Oxidising properties	: Non oxidizing.
Explosive limits	: Not available
Lower explosion limit	: Not available
Upper explosion limit	: Not available
Flash point	: > 100 °C
Auto-ignition temperature	: Not available
Decomposition temperature	: Not available
pH	: 13.0 (20 °C)
pH solution	: Not available
Viscosity, kinematic	: Not available
Viscosity, dynamic	: Not available
Solubility	: Not available
Partition coefficient n-octanol/water (Log Kow)	: Sodium hydroxide (1310-73-2): -3.88
Vapour pressure	: Not available
Vapour pressure at 50 °C	: Not available
Density	: 1.150 g/cm <sup>3</sup> (20 °C)
Relative density	: Not available
Relative vapour density at 20 °C	: Not available
Particle characteristics	: Not applicable.

**9.2. Other information****9.2.1. Information with regard to physical hazard classes**

No additional information available

**9.2.2. Other safety characteristics**

No additional information available

**SECTION 10: Stability and reactivity****10.1. Reactivity**

The product is non-reactive under normal conditions of use, storage and transport.

**10.2. Chemical stability**

Stable under normal conditions.

**10.3. Possibility of hazardous reactions**

No dangerous reactions known under normal conditions of use.

**10.4. Conditions to avoid**

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Incompatible materials.

**10.5. Incompatible materials**

Acids.

**10.6. Hazardous decomposition products**

Carbon oxides, nitrogen oxides, sulphur oxides, metal oxides.

**SECTION 11: Toxicological information****11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008**
 Acute toxicity (oral) : Not classified  
 Acute toxicity (dermal) : Not classified  
 Acute toxicity (inhalation) : Not classified
**Water (7732-18-5)**

LD50 oral rat	> 90 mL/kg
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**[2,2'-Bi-1H-indole]-3,3'-diol, disodium salt (894-86-0)**

LD50 dermal rat	> 2500 mg/kg
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**Sodium hydroxide (1310-73-2)**

LD50 oral rat	325 mg/kg
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**Formaldehyde-naphthalenesulfonic acid polymer sodium salt (9084-06-4)**

LD50 oral rat	3800 mg/kg
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 Skin corrosion/irritation : Causes severe skin burns.  
 pH: 13.0 (20 °C)  
 Serious eye damage/irritation : Causes serious eye damage.  
 pH: 13.0 (20 °C)  
 Respiratory or skin sensitisation : Not classified  
 Germ cell mutagenicity : Not classified  
 Carcinogenicity : Not classified  
 Reproductive toxicity : Not classified  
 STOT-single exposure : Not classified  
 STOT-repeated exposure : Not classified  
 Aspiration hazard : Not classified
**11.2. Information on other hazards****11.2.1. Endocrine disrupting properties**

Adverse health effects caused by endocrine disrupting properties : The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

**11.2.2. Other information**

Potential adverse human health effects and symptoms : No additional information available



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**SECTION 12: Ecological information****12.1. Toxicity**

Ecology - general : Before neutralisation, the product may represent a danger to aquatic organisms.

Hazardous to the aquatic environment, short-term (acute) : Not classified

Hazardous to the aquatic environment, long-term (chronic) : Not classified

**Sodium hydroxide (1310-73-2)**

LC50 - Fish [1]	45.4 mg/L/96 h (Oncorhynchus mykiss)
EC50 - Crustacea [1]	40.4 mg/L/48 h (Ceriodaphnia spec)

**12.2. Persistence and degradability**

No additional information available

**12.3. Bioaccumulative potential****Sodium hydroxide (1310-73-2)**

Partition coefficient n-octanol/water (Log Pow)	-3.88
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**12.4. Mobility in soil**

No additional information available

**12.5. Results of PBT and vPvB assessment****DenimBlu<sup>30</sup>**

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII

This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

**12.6. Endocrine disrupting properties**

Adverse effects on the environment caused by endocrine disrupting properties : The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

**12.7. Other adverse effects**

Other adverse effects : No information available.

**SECTION 13: Disposal considerations****13.1. Waste treatment methods**

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.

Product/Packaging disposal recommendations : Dispose of contents/container in accordance with licensed collector's sorting instructions.






**SECTION 14: Transport information**

In accordance with ADR / IMDG / IATA / ADN / RID

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ADR	IMDG	IATA	ADN	RID
<b>14.1. UN number or ID number</b>				
UN 2801	UN 2801	UN 2801	UN 2801	UN 2801
<b>14.2. UN proper shipping name</b>				
DYE, LIQUID, CORROSIVE, N.O.S. (Containing [2,2'-Bi-1H-indole]-3,3'-diol, disodium salt)	DYE, LIQUID, CORROSIVE, N.O.S. (Containing [2,2'-Bi-1H-indole]-3,3'-diol, disodium salt)	Dye intermediate, liquid, corrosive, n.o.s. (Containing [2,2'-Bi-1H-indole]-3,3'-diol, disodium salt)	DYE, LIQUID, CORROSIVE, N.O.S. (Containing [2,2'-Bi-1H-indole]-3,3'-diol, disodium salt)	DYE, LIQUID, CORROSIVE, N.O.S. (Containing [2,2'-Bi-1H-indole]-3,3'-diol, disodium salt)
<b>Transport document description</b>				
UN 2801 DYE, LIQUID, CORROSIVE, N.O.S. (Containing [2,2'-Bi-1H-indole]-3,3'-diol, disodium salt), 8, II, (E)	UN 2801 DYE, LIQUID, CORROSIVE, N.O.S. (Containing [2,2'-Bi-1H-indole]-3,3'-diol, disodium salt), 8, II	UN 2801 Dye intermediate, liquid, corrosive, n.o.s. (Containing [2,2'-Bi-1H-indole]-3,3'-diol, disodium salt), 8, II	UN 2801 DYE, LIQUID, CORROSIVE, N.O.S. (Containing [2,2'-Bi-1H-indole]-3,3'-diol, disodium salt), 8, II	UN 2801 DYE, LIQUID, CORROSIVE, N.O.S. (Containing [2,2'-Bi-1H-indole]-3,3'-diol, disodium salt), 8, II
<b>14.3. Transport hazard class(es)</b>				
8	8	8	8	8
				
<b>14.4. Packing group</b>				
II	II	II	II	II
<b>14.5. Environmental hazards</b>				
Dangerous for the environment: No	Dangerous for the environment: No Marine pollutant: No	Dangerous for the environment: No	Dangerous for the environment: No	Dangerous for the environment: No
No supplementary information available				

**14.6. Special precautions for user****Overland transport**

Classification code (ADR)	: C9
Special provisions (ADR)	: 274
Limited quantities (ADR)	: 1I
Excepted quantities (ADR)	: E2
Packing instructions (ADR)	: P001, IBC02
Mixed packing provisions (ADR)	: MP15
Portable tank and bulk container instructions (ADR)	: T11
Portable tank and bulk container special provisions (ADR)	: TP2, TP27
Tank code (ADR)	: L4BN
Vehicle for tank carriage	: AT
Transport category (ADR)	: 2
Hazard identification number (Kemler No.)	: 80

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Orange plates



Tunnel restriction code (ADR) : E  
EAC code : 2X

**Transport by sea**

Special provisions (IMDG) : 274  
Limited quantities (IMDG) : 1 L  
Excepted quantities (IMDG) : E2  
Packing instructions (IMDG) : P001  
IBC packing instructions (IMDG) : IBC02  
Tank instructions (IMDG) : T11  
Tank special provisions (IMDG) : TP2, TP27  
EmS-No. (Fire) : F-A  
EmS-No. (Spillage) : S-B  
Stowage category (IMDG) : A  
Properties and observations (IMDG) : A wide range of corrosive liquids. Causes burns to skin, eyes and mucous membranes.

**Air transport**

PCA Excepted quantities (IATA) : E2  
PCA Limited quantities (IATA) : Y840  
PCA limited quantity max net quantity (IATA) : 0.5L  
PCA packing instructions (IATA) : 851  
PCA max net quantity (IATA) : 1L  
CAO packing instructions (IATA) : 855  
CAO max net quantity (IATA) : 30L  
Special provisions (IATA) : A3, A803  
ERG code (IATA) : 8L

**Inland waterway transport**

Classification code (ADN) : C9  
Special provisions (ADN) : 274  
Limited quantities (ADN) : 1 L  
Excepted quantities (ADN) : E2  
Equipment required (ADN) : PP, EP  
Number of blue cones/lights (ADN) : 0

**Rail transport**

Classification code (RID) : C9  
Special provisions (RID) : 274  
Limited quantities (RID) : 1L  
Excepted quantities (RID) : E2  
Packing instructions (RID) : P001, IBC02  
Mixed packing provisions (RID) : MP15  
Portable tank and bulk container instructions (RID) : T11  
Portable tank and bulk container special provisions (RID) : TP2, TP27  
Tank codes for RID tanks (RID) : L4BN  
Transport category (RID) : 2  
Colis express (express parcels) (RID) : CE6  
Hazard identification number (RID) : 80

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

Not applicable.

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**SECTION 15: Regulatory information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****15.1.1. EU-Regulations****REACH Annex XVII (Restriction List)**

Contains no REACH substances with Annex XVII restrictions

**REACH Annex XIV (Authorisation List)**

Contains no REACH Annex XIV substances

**REACH Candidate List (SVHC)**

Contains no substance on the REACH candidate list

**PIC Regulation (Prior Informed Consent)**

Contains no substance subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals.

**POP Regulation (Persistent Organic Pollutants)**

Contains no substance subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants

**Ozone Regulation (1005/2009)**

Contains no substance subject to REGULATION (EU) No 1005/2009 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 September 2009 on substances that deplete the ozone layer.

**Explosives Precursors Regulation (2019/1148)**

Contains no substance subject to Regulation (EU) 2019/1148 of the European Parliament and of the Council of 20 June 2019 on the marketing and use of explosives precursors.

**Drug Precursors Regulation (273/2004)**

Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on drug precursors)

**15.1.2. National regulations****Germany**

Employment restrictions : Observe restrictions according Act on the Protection of Working Mothers (MuSchG).  
 Observe restrictions according Act on the Protection of Young People in Employment (JArbSchG).

**Netherlands**

SZW-lijst van kankerverwekkende stoffen : None of the components are listed  
 SZW-lijst van mutagene stoffen : None of the components are listed  
 SZW-lijst van reprotoxische stoffen – Borstvoeding : None of the components are listed  
 SZW-lijst van reprotoxische stoffen – Vruchtbaarheid : None of the components are listed  
 SZW-lijst van reprotoxische stoffen – Ontwikkeling : None of the components are listed

**Denmark**

Danish National Regulations : Young people below the age of 18 years are not allowed to use the product

**Switzerland**

Storage class (LK) : LK 8 - Corrosive materials

**15.2. Chemical safety assessment**

No chemical safety assessment has been carried out

## SAFETY DATA SHEET

REACH Regulation (EC) 1907/2006  
amended by Regulation (EU) 2020/878

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## SECTION 16: Other information

## Indication of changes:

No information available.

## Abbreviations and acronyms:

SDS	Safety Data Sheet
LC50	Median lethal concentration
LD50	Median lethal dose
EC50	Median effective concentration
NOEC	No-Observed Effect Concentration
IARC	International Agency for Research on Cancer
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods
ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ADR	Agreement concerning the International Carriage of Dangerous Goods by Road
ATE	Acute Toxicity Estimate
BCF	Bioconcentration factor
BLV	Biological limit value
BOD	Biochemical oxygen demand (BOD)
COD	Chemical oxygen demand (COD)
DMEL	Derived Minimal Effect level
DNEL	Derived-No Effect Level
EC-No.	European Community number
EN	European Standard
LOAEL	Lowest Observed Adverse Effect Level
NOAEC	No-Observed Adverse Effect Concentration
NOAEL	No-Observed Adverse Effect Level
OECD	Organisation for Economic Co-operation and Development
OEL	Occupational Exposure Limit
PBT	Persistent Bioaccumulative Toxic
PNEC	Predicted No-Effect Concentration
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
STP	Sewage treatment plant
ThOD	Theoretical oxygen demand (ThOD)
TLM	Median Tolerance Limit
VOC	Volatile Organic Compounds
CAS-No.	Chemical Abstract Service number

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**Abbreviations and acronyms:**

N.O.S.	Not Otherwise Specified
vPvB	Very Persistent and Very Bioaccumulative
ED	Endocrine disrupting properties

Data sources : ECHA, Loli.  
Training advice : Normal use of this product shall imply use in accordance with the instructions on the packaging.  
Other information : No information available.

**Full text of H- and EUH-statements:**

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.

Safety Data Sheet (SDS), EU

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.