

\* Devantol Soft

Date revised: 07.07.2021

# 8070004221

Version: 6 / GB

Master No. MA-211

Date of printing: 15.07.2021

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

### **1.1. Product identifier**

**Trade name**

Devantol Soft

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

**Use of the substance/mixture**

Prebrushing agent

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

**Address/Manufacturer**

BÜFA Reinigungssysteme  
GmbH & Co. KG August-Hanken-Str. 30  
August-Hanken-Str. 30  
26125 Oldenburg  
Telephone no. +49 441 9317 0  
Fax no. +49 441 9317 100  
Information provided Department product safety / +49 441 9317 108  
by / telephone  
E-Mail produktsicherheit-rs@buefa.de

### **1.4. Emergency telephone number**

Giftzentrale Goettingen: +49 551 19240

## **SECTION 2: Hazards identification \*\*\***

### **2.1. Classification of the substance or mixture**

**Classification (Regulation (EC) No. 1272/2008)**

Eye Dam. 1	H318
Asp. Tox. 1	H304
Aquatic Chronic 3	H412

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\*  
\*

The product is classified and labelled in accordance with Regulation (EC) No 1272/2008  
For explanation of abbreviations see section 16.

### **2.2. Label elements**

**Labelling according to regulation (EC) No 1272/2008****Hazard pictograms****Signal word**

Danger

**Hazard statements \*\*\***

H318	Causes serious eye damage.
H304	May be fatal if swallowed and enters airways.

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H412 Harmful to aquatic life with long lasting effects.

**Precautionary statements \*\*\***

P273 Avoid release to the environment.  
 P280.6 Wear eye/face protection.  
 P301+P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor.  
 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 or doctor.  
 P331 Do NOT induce vomiting.

**Hazardous component(s) to be indicated on label (Regulation (EC) No. 1272/2008)**

contains \*\*\* Amides, coco, N,N-bis(hydroxyethyl);docusate sodium;Hydrocarbons, C16-C20, n-alkanes, isoalkanes, cyclics, < 2,0% aromatics;Hydrocarbons, C11-C12, isoalkanes, <2% aromatics

**Supplemental information \*\*\***

EUH066 Repeated exposure may cause skin dryness or cracking.

**2.3. Other hazards**

The product does not contain PBT/vPvB-substances

**SECTION 3: Composition/information on ingredients \*\*\*****3.2. Mixtures****Hazardous ingredients \*\*\*****Hydrocarbons, C16-C20, n-alkanes, isoalkanes, cyclics, < 2,0% aromatics**

CAS No.	64742-46-7		
EINECS no.	919-029-3		
Registration no.	01-2119457735-29-XXXX		
Concentration	>=	25	< 50 %
Asp. Tox. 1	H304		

**Hydrocarbons, C11-C12, isoalkanes, <2% aromatics**

EINECS no.	918-167-1		
Registration no.	01-2119472146-39-XXXX		
Concentration	>=	10	< 25 %
Asp. Tox. 1	H304		
Aquatic Chronic 4	H413		

**Isotridecanol, ethoxyliert (>=2.5 EO)**

CAS No.	69011-36-5		
EINECS no.	931-138-8		
Concentration	>=	10	< 25 %
Eye Irrit. 2	H319		
Aquatic Chronic 3	H412		

**2-(2-Butoxyethoxy)ethanol**

CAS No.	112-34-5		
EINECS no.	203-961-6		
Registration no.	01-2119475104-44-XXXX		
Concentration	>=	1	< 10 %
Eye Irrit. 2	H319		

**Amides, coco, N,N-bis(hydroxyethyl)**

CAS No.	68603-42-9		
EINECS no.	271-657-0		
Concentration	>=	3	< 10 %
Skin Irrit. 2	H315		

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Eye Dam. 1 H318  
Aquatic Chronic 2 H411

**Hydrocarbons, C11-C13, isoalkanes, <2% aromatics**

EINECS no. 920-901-0  
Registration no. 01-2119456810-40-XXXX  
Concentration >= 1 < 10 %  
Asp. Tox. 1 H304

**Hydrocarbons, C11-C14, isoalkanes, cyclics, <2% aromatics**

EINECS no. 927-285-2  
Registration no. 01-2119480162-45-XXXX  
Concentration >= 1 < 10 %  
Asp. Tox. 1 H304

**docusate sodium**

CAS No. 577-11-7  
EINECS no. 209-406-4  
Registration no. 01-2119491296-29-XXXX  
Concentration >= 3 < 10 %  
Skin Irrit. 2 H315  
Eye Dam. 1 H318

**Further ingredients****Propane-1,2-diol**

CAS No. 57-55-6 EINECS no. 200-338-0  
Registration no. 01-2119456809-23-XXXX  
Concentration >= 1 < 10 % [3]

**Note**

[3] Substance with occupational exposure limits  
For explanation of abbreviations see section 16.

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

Ensure supply of fresh air. In the event of symptoms take medical treatment.

**After skin contact**

Wash off immediately with soap and water.

**After eye contact**

In case of contact with the eyes rinse thoroughly with plenty of water or with an eye-cleaning solution.  
Seek medical advice immediately.

**After ingestion**

Rinse out mouth and give plenty of water to drink. Seek medical advice immediately.

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

There is no further relevant information available

**4.3. Indication of any immediate medical attention and special treatment needed**

There is no further relevant information available

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

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**Suitable extinguishing media**

Carbon dioxide, Dry powder, Water spray jet

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

If a fire breaks out nearby, pressure build-up and danger of bursting are possible.

**5.3. Advice for firefighters**

Cool endangered containers with water spray jet.

**SECTION 6: Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures**

High risk of slipping due to leakage/spillage of product. Use personal protective clothing.

**6.2. Environmental precautions**

Do not allow to enter drains or waterways.

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

Take up with absorbent material (eg sand, kieselguhr, universal binder). When picked up, treat material as prescribed under Section 13 "Disposal".

**6.4. Reference to other sections**

Refer to protective measures listed in Sections 7 and 8.

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

Observe the usual precautions for handling chemicals.

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

Emptied containers may contain product residues and therefore must be handled with care. Reuse only after appropriate cleaning. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

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

No information available

**SECTION 8: Exposure controls/personal protection****8.1. Control parameters****Exposure limit values****2-(2-Butoxyethoxy)ethanol**

List	EH40			
Type	WEL			
Value	67.5	mg/m <sup>3</sup>	10	ppm(V)
Short term exposure limit	101.2	mg/m <sup>3</sup>	15	ppm(V)
Maximum limit value; Skin resorption / sensibilisation: Pregnancy group: Status: 2011				

**Propane-1,2-diol**

List	EH40			
Type	OES			
Value	10	mg/m <sup>3</sup>		
Maximum limit value; Skin resorption / sensibilisation: Pregnancy group: Status: 2011				

**8.2. Exposure controls****General protective and hygiene measures**

Observe the usual precautions for handling chemicals. Personal protective equipment must comply with the Regulation (EC) No 2016/425 and the resulting CEN standards.

**Respiratory protection**

Not necessary.

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**Hand protection**

Chemical resistant gloves  
 Appropriate Material nitrile  
 Material thickness  $\geq$  0,6 mm  
 Breakthrough time 480 min

**Eye protection**

Tightly fitting safety glasses

**Body protection**

Clothing as usual in the chemical industry.

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

<b>Form</b>	liquid		
<b>Colour</b>	yellowish		
<b>Odour</b>	Product specific		
<b>pH value</b>			
Value	7	to	8
<b>Flash point</b>			
Value	> 100		°C
<b>Density</b>			
Value	appr. 0,84		kg/l
<b>Solubility in water</b>			
Remarks	miscible		
<b>Viscosity</b>			
Value	appr. 14		s
Method	DIN 53211 4 mm		

**9.2. Other information**

No information available.

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

No hazardous reactions when stored and handled according to prescribed instructions.

**10.2. Chemical stability**

The product is stable.

**10.3. Possibility of hazardous reactions**

Under normal conditions of storage and use, hazardous reactions will not occur.

**10.4. Conditions to avoid**

Protect from heat and direct sunlight.

**10.5. Incompatible materials**

None known

**10.6. Hazardous decomposition products**

No hazardous decomposition products known.

**SECTION 11: Toxicological information****11.1. Information on toxicological effects****Acute oral toxicity**

Based on available data, the classification criteria are not met.

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**Acute dermal toxicity**

Based on available data, the classification criteria are not met.

**Acute inhalational toxicity**

Based on available data, the classification criteria are not met.

**Skin corrosion/irritation**

Based on available data, the classification criteria are not met.

**Serious eye damage/irritation**

evaluation corrosive

The classification criteria are met.

**Sensitization**

Based on available data, the classification criteria are not met.

**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.

**Specific Target Organ Toxicity (STOT)****Single exposure**

Based on available data, the classification criteria are not met.

**Repeated exposure**

Based on available data, the classification criteria are not met.

**Aspiration hazard**

Harmful: may cause lung damage if swallowed.

The classification criteria are met.

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

For this subsection there is no ecotoxicological data available on the product as such.

**Daphnia toxicity**

For this subsection there is no ecotoxicological data available on the product as such.

**Algae toxicity**

For this subsection there is no ecotoxicological data available on the product as such.

**Bacteria toxicity**

For this subsection there is no ecotoxicological data available on the product as such.

**12.2. Persistence and degradability**

The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents.

**12.3. Bioaccumulative potential**

For this subsection there is no ecotoxicological data available on the product as such.

**12.4. Mobility in soil**

For this subsection there is no ecotoxicological data available on the product as such.

**12.5. Results of PBT and vPvB assessment****Evaluation of persistence and bioaccumulation potential**

The product does not contain PBT/vPvB-substances

**12.6. Other adverse effects**

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For this subsection there is no ecotoxicological data available on the product as such.

## **SECTION 13: Disposal considerations**

### **13.1. Waste treatment methods**

#### **Disposal recommendations for the product**

Allocation of a waste code number, according to the European Waste Catalogue (EWC), should be carried out in agreement with the regional waste disposal company.

#### **Disposal recommendations for packaging**

Completely emptied packagings can be given for recycling.

## **SECTION 14: Transport information**

	<b>Land transport ADR/RID</b>	<b>Marine transport IMDG/GGVSee</b>
<b>14.1. UN number</b>	The product does not constitute a hazardous substance in land transport.	The product does not constitute a hazardous substance in sea transport.

## **SECTION 15: Regulatory information \*\*\***

### **15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

#### **VOC \*\*\***

VOC (EU) 34 %

#### **Ingredients (Regulation (EC) No 648/2004)**

##### **15 % or over but less than 30 %: \*\*\***

aliphatic hydrocarbons, non-ionic surfactants

##### **less than 5 %:**

anionic surfactants

#### **Other information**

The product does not contain substances of very high concern (SVHC).

### **15.2. Chemical safety assessment**

For this preparation a chemical safety assessment has not been carried out.

## **SECTION 16: Other information**

### **Hazard statements listed in Chapter 3**

H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.
H413	May cause long lasting harmful effects to aquatic life.

### **Abbreviations**

PBT: Persistent, Bioaccumulative and Toxic  
vPvB: Very persistent and very bioaccumulative

### **CLP categories listed in Chapter 3**

Aquatic Chronic 2	Hazardous to the aquatic environment, chronic, Category 2
Aquatic Chronic 3	Hazardous to the aquatic environment, chronic, Category 3

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Aquatic Chronic 4

Hazardous to the aquatic environment, chronic, Category 4

Asp. Tox. 1

Aspiration hazard, Category 1

Eye Dam. 1

Serious eye damage, Category 1

Eye Irrit. 2

Eye irritation, Category 2

Skin Irrit. 2

Skin irritation, Category 2

**Supplemental information**

Relevant changes compared with the previous version of the safety data sheet are marked with: \*\*\*

This information is based on our present state of knowledge. However, it should not constitute a guarantee for any specific product properties and shall not establish a legally valid relationship.