

**Trade name:** Autoshampoo**Product no.:** 13999**Current version :** 2.0.0, issued: 18.02.2022**Replaced version:** 1.0.0, issued: 20.08.2020**Region:** GB**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1 Product identifier**

Trade name

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

vehicle cleansing

**Uses advised against**

No data available.

**1.3 Details of the supplier of the safety data sheet****Address**

Koch-Chemie GmbH

Einsteinstr. 42

D-59423 Unna

Telephone no. +49-2303-9 86 70-0

Fax no. +49-2303-9 86 70-26

**Advice on Safety Data Sheet**

sdb\_info@umco.de

**1.4 Emergency telephone number**

For medical advice (in German and English):

+49 (0)551 192 40 (Giftinformationszentrum Nord)

For information in the event of an emergency during transport:

+44 1865 407333

**SECTION 2: Hazards identification****2.1 Classification of the substance or mixture****Classification in accordance with Regulation (EC) No 1272/2008 (CLP)**

Aquatic Chronic 3; H412

Eye Dam. 1; H318

Skin Sens. 1; H317

**Classification information**

This product is assessed and classified using the methods and criteria below referred to in Article 9 of Regulation (EC) n° 1272/2008:

Physical hazards: determined through assessment data based on the methods or standards referred to in part 2 of Annex I to CLP

Health hazards and environmental hazards: determined through toxicological and ecotoxicological assessment data based on the methods or standards referred to in Part 3, 4 and 5 of Annex I to CLP.

**2.2 Label elements****Labelling according to Regulation (EC) No 1272/2008 (CLP Regulation)****Hazard pictograms**

GHS05



GHS07

**Signal word**

Danger

**Hazardous component(s) to be indicated on label:**

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2-octyl-2H-isothiazol-3-one**Hazard statement(s)**

H317 May cause an allergic skin reaction.  
 H318 Causes serious eye damage.  
 H412 Harmful to aquatic life with long lasting effects.

**Precautionary statement(s)**

P280 Wear protective gloves/protective clothing/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.

**Supplemental label elements**

Regulation (EC) No 648/2004 on detergents (Annex VII):  
 5-15% anionic surfactants  
 <5% non-ionic surfactants  
 Perfumings  
 LIMONENE  
 OCTYLISOTHIAZOLINONE

**2.3 Other hazards**

PBT assessment

According to the information provided in the supply chain, the mixture does not contain > 0.1% of a substance that is considered to be PBT.

vPvB assessment

According to the information provided in the supply chain, the mixture does not contain > 0.1% of a substance that is considered to be vPvB.

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

Not applicable. The product is not a substance.

**3.2 Mixtures****Hazardous ingredients**

No	Substance name	Additional information	
	CAS / EC / Index / REACH no	Classification (EC) 1272/2008 (CLP)	Concentration
			%
1	<b>Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts</b>		
	68411-30-3	Acute Tox. 4; H302	>= 5.00 - < 10.00 wt%
	270-115-0	Eye Dam. 1; H318	
	-	Skin Irrit. 2; H315	
	01-2119489428-22	Aquatic Chronic 3; H412	
2	<b>Alcohols, C12-14, ethoxylated, sulfates, sodium salts</b>		
	68891-38-3	Eye Dam. 1; H318	< 2.50 wt%
	500-234-8	Skin Irrit. 2; H315	
	-	Aquatic Chronic 3; H412	
	01-2119488639-16		
3	<b>Isotridecanol, ethoxylated</b>		
	9043-30-5	Acute Tox. 4; H302	< 2.50 wt%
	-	Eye Dam. 1; H318	
	-		
	-		
4	<b>Orange, sweet, ext.</b>		

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	8028-48-6 232-433-8 - 01-2119493353-35	Asp. Tox. 1; H304 Flam. Liq. 3; H226 Skin Irrit. 2; H315 Skin Sens. 1; H317 Aquatic Chronic 2; H411	< 0.50	wt%
5	<b>bronopol</b>		<b>pls. refer to footnote (1)</b>	
	52-51-7 200-143-0 603-085-00-8 -	Acute Tox. 4*; H302 Acute Tox. 4*; H312 Aquatic Acute 1; H400 Eye Dam. 1; H318 Skin Irrit. 2; H315 STOT SE 3; H335 Aquatic Chronic 2; H411	< 0.10	wt%
6	<b>2-octyl-2H-isothiazol-3-one</b>			
	26530-20-1 247-761-7 613-112-00-5 -	Acute Tox. 3; H301 Acute Tox. 3; H311 Skin Corr. 1; H314 Skin Sens. 1A; H317 Eye Dam. 1; H318 Acute Tox. 2; H330 Aquatic Chronic 1; H410 Aquatic Acute 1; H400 EUH071	< 0.10	wt%

Full Text for all H-phrases and EUH-phrases: pls. see section 16

(\*, \*\*, \*\*\*, \*\*\*\*) Detailed explanation pls. refer to CLP regulation No. 1272/2008, annex VI, 1.2

(1) Aberrant from/in addition to the classification set out in Annex VI, this substance is classified according to European Regulation (EC) No 1272/2008 (CLP), Article 4 (3), paragraph 2.

No	Note	Specific concentration limits	M-factor (acute)	M-factor (chronic)
1	-	Acute Tox. 4; H302: C >= 65%	-	-
2	-	Eye Irrit. 2; H319: C >= 5% Eye Dam. 1; H318: C >= 10%	-	-
5	-	-	M = 10	-
6	-	Skin Sens. 1A; H317: C >= 0.0015%	M = 100	M = 100

**Acute toxicity estimate (ATE) values**

No	oral	dermal	inhalative
1	1080 mg/kg bodyweight		

**SECTION 4: First aid measures****4.1 Description of first aid measures****General information**

Remove contaminated clothing and shoes immediately, and launder thoroughly before reusing. In case of persisting adverse effects, consult a physician.

**After inhalation**

Remove affected persons from dangerous area by observing suitable respiratory protection measures. Ensure supply of fresh air.

**After skin contact**

In case of contact with skin wash off immediately with soap and water. Consult a doctor if skin irritation persists.

**After eye contact**

Remove contact lenses. Rinse eye thoroughly under running water keeping eyelids wide open and protecting the unaffected eye (at least 10 to 15 minutes). Get immediate ophthalmic treatment.

**After ingestion**

Rinse out mouth and give plenty of water to drink. Do not induce vomiting. Never give anything by mouth to an unconscious person. Call a doctor immediately.

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#### 4.2 Most important symptoms and effects, both acute and delayed

No data available.

#### 4.3 Indication of any immediate medical attention and special treatment needed

No data available.

### SECTION 5: Firefighting measures

#### 5.1 Extinguishing media

##### Suitable extinguishing media

Product itself is non-combustible; adapt fire extinguishing measures to surrounding areas.

##### Unsuitable extinguishing media

High power water jet

#### 5.2 Special hazards arising from the substance or mixture

In the event of fire, the following can be released: Carbon monoxide (CO); Carbon dioxide (CO<sub>2</sub>); Sulphur oxides (S<sub>x</sub>O<sub>y</sub>); Nitrogen oxides (NO<sub>x</sub>)

#### 5.3 Advice for firefighters

Use self-contained breathing apparatus. Wear full protective suit.

### SECTION 6: Accidental release measures

#### 6.1 Personal precautions, protective equipment and emergency procedures

##### For non-emergency personnel

Refer to protective measures listed in sections 7 and 8. Use personal protective clothing.

##### For emergency responders

Personal protective equipment (PPE) - see section 8.

#### 6.2 Environmental precautions

Do not discharge into the drains/surface waters/groundwater. Do not discharge into the subsoil/soil.

#### 6.3 Methods and material for containment and cleaning up

Contain and collect spillage with non-combustible absorbent materials, e.g. sand, earth, vermiculite, diatomaceous earth and place in container for disposal according to local regulations (see section 13).

#### 6.4 Reference to other sections

Information regarding safe handling, see section 7. Information regarding personal protective measures, see section 8. Information regarding waste disposal, see section 13.

### SECTION 7: Handling and storage

#### 7.1 Precautions for safe handling

##### Advice on safe handling

Risks inherent to handling the product must be minimised by applying the appropriate protective and preventive measures. Working processes should - so far as possible, according to the state of the art - be designed to rule out bodily contact or the release of hazardous substances.

##### General protective and hygiene measures

Do not eat, drink or smoke during work time. Keep away from foodstuffs and beverages. Do not inhale vapours. Avoid contact with eyes and skin. Wash hands before breaks and after work. Remove contaminated clothing and shoes and launder thoroughly before reusing. Provide eye wash fountain in work area.

#### 7.2 Conditions for safe storage, including any incompatibilities

##### Technical measures and storage conditions

Keep container tightly closed and dry in a cool, well-ventilated place.

##### Requirements for storage rooms and vessels

Containers which are opened must be carefully closed and kept upright to prevent leakage. Always keep in containers

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of same material as the original.

**Incompatible products**

Substances to be avoided, see section 10.

**7.3 Specific end use(s)**

No data available.

**SECTION 8: Exposure controls/personal protection****8.1 Control parameters****DNEL, DMEL and PNEC values****DNEL values (worker)**

No	Substance name			CAS / EC no	
	Route of exposure	Exposure time	Effect	Value	
1	<b>Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts</b>			<b>68411-30-3</b> <b>270-115-0</b>	
	dermal	Long term (chronic)	systemic	85	mg/kg/day
	inhalative	Long term (chronic)	systemic	6	mg/m <sup>3</sup>
	inhalative	Long term (chronic)	local	6	mg/m <sup>3</sup>
2	<b>Alcohols, C12-14, ethoxylated, sulfates, sodium salts</b>			<b>68891-38-3</b> <b>500-234-8</b>	
	dermal	Long term (chronic)	systemic	2750	mg/kg/day
	dermal	Long term (chronic)	local	132	µg/cm <sup>2</sup>
	inhalative	Long term (chronic)	systemic	175	mg/m <sup>3</sup>

**DNEL value (consumer)**

No	Substance name			CAS / EC no	
	Route of exposure	Exposure time	Effect	Value	
1	<b>Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts</b>			<b>68411-30-3</b> <b>270-115-0</b>	
	oral	Long term (chronic)	systemic	0.425	mg/kg/day
	dermal	Long term (chronic)	systemic	42.5	mg/kg/day
	inhalative	Long term (chronic)	systemic	1.5	mg/m <sup>3</sup>
	inhalative	Long term (chronic)	local	1.5	mg/m <sup>3</sup>
2	<b>Alcohols, C12-14, ethoxylated, sulfates, sodium salts</b>			<b>68891-38-3</b> <b>500-234-8</b>	
	oral	Long term (chronic)	systemic	15	mg/kg/day
	dermal	Long term (chronic)	systemic	1650	mg/kg/day
	dermal	Long term (chronic)	local	79	µg/cm <sup>2</sup>
	inhalative	Long term (chronic)	systemic	52	mg/m <sup>3</sup>

**PNEC values**

No	Substance name		CAS / EC no	
	ecological compartment	Type	Value	
1	<b>Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts</b>		<b>68411-30-3</b> <b>270-115-0</b>	
	water	fresh water	0.268	mg/L
	water	marine water	0.0268	mg/L
	water	Aqua intermittent	0.0167	mg/L
	water	fresh water sediment	8.1	mg/kg dry weight
	water	marine water sediment	6.8	mg/kg dry weight
	soil	-	35	mg/kg dry weight
	sewage treatment plant	-	3.43	mg/L
2	<b>Alcohols, C12-14, ethoxylated, sulfates, sodium salts</b>		<b>68891-38-3</b>	

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			500-234-8	
water	fresh water		0.24	mg/L
water	marine water		0.024	mg/L
water	Aqua intermittent		0.071	mg/L
water	fresh water sediment		0.917	mg/kg dry weight
water	marine water sediment		0.092	mg/kg dry weight
soil	-		7.5	mg/kg dry weight
sewage treatment plant	-		10	g/L

## 8.2 Exposure controls

### Appropriate engineering controls

Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and solvent vapour below the OEL (=Occupational Exposure Limit), suitable respiratory protection must be worn.

### Personal protective equipment

#### Respiratory protection

If workplace exposure limits are exceeded, a respiration protection approved for this particular job must be worn. In case of aerosol and mist formation, take appropriate measures for breathing protection in the event workplace threshold values are not specified.

#### Eye / face protection

Tightly fitting safety glasses (EN 166).

#### Hand protection

Sufficient protection is given wearing suitable protective gloves checked according to i.e. EN 374, in the event of risk of skin contact with the product. Before use, the protective gloves should be tested in any case for its specific workstation suitability (i.e. mechanical resistance, product compatibility and antistatic properties). Adhere to the manufacturer's instructions and information relating to the use, storage, care and replacement of protective gloves. Protective gloves shall be replaced immediately when physically damaged or worn. Design operations thus to avoid permanent use of protective gloves.

Appropriate Material	butyl		
Material thickness	>	0.7	mm
Breakthrough time	>	120	min

#### Other

Chemical-resistant work clothes.

#### Environmental exposure controls

No data available.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

<b>State of aggregation</b>	
liquid	
<b>Form/Colour</b>	
liquid	
yellow	
<b>Odour</b>	
of lemon	
<b>pH value</b>	
Value	9
<b>Boiling point / boiling range</b>	
Value	> 100 °C

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<b>Melting point/freezing point</b>			
No data available			
<b>Decomposition temperature</b>			
No data available			
<b>Flash point</b>			
Not applicable			
<b>Ignition temperature</b>			
No data available			
<b>Flammability</b>			
No data available			
<b>Lower explosion limit</b>			
No data available			
<b>Upper explosion limit</b>			
No data available			
<b>Vapour pressure</b>			
No data available			
<b>Relative vapour density</b>			
No data available			
<b>Relative density</b>			
No data available			
<b>Density</b>			
Value	1.03	g/cm <sup>3</sup>	
Reference temperature	20	°C	
<b>Solubility in water</b>			
Comments	miscible		
<b>Solubility</b>			
No data available			
<b>Partition coefficient n-octanol/water (log value)</b>			
<b>No</b>	<b>Substance name</b>	<b>CAS no.</b>	<b>EC no.</b>
1	Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts	68411-30-3	270-115-0
log Pow		1.4	
Reference temperature with reference to		23	°C
Method	pH 6,1 OECD 123		
Source	ECHA		
<b>Viscosity</b>			
Value	>	80	mPa*s
Reference temperature		20	°C
Type	dynamic		
<b>Particle characteristics</b>			
No data available			

**9.2 Other information**

<b>Other information</b>
No data available.

**SECTION 10: Stability and reactivity**

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No data available.

**10.2 Chemical stability**

Stable under recommended storage and handling conditions (See section 7).

**10.3 Possibility of hazardous reactions**

Dangerous reactions are not to be expected when handling product according to its intended use.

**10.4 Conditions to avoid**

None, if handled according to intended use.

**10.5 Incompatible materials**

None known.

**10.6 Hazardous decomposition products**

None, if handled according to intended use.

**SECTION 11: Toxicological information****11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**

Acute oral toxicity (result of the ATE calculation for the mixture)	
No	Product Name
1	Autoshampoo
Comments	The result of the applied calculation method according to the European Regulation (EC) 1272/2008 (CLP), Paragraph 3.1.3.6, Part 3 of Annex I is outside the values that imply a classification / labelling of this mixture according to table 3.1.1 defining the respective categories (ATE oral > 2000 mg/kg).

Acute oral toxicity			
No	Substance name	CAS no.	EC no.
1	Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts	68411-30-3	270-115-0
LD50		1080	mg/kg bodyweight
Species	rat		
Method	OECD 401		
Source	ECHA		
2	Alcohols, C12-14, ethoxylated, sulfates, sodium salts	68891-38-3	500-234-8
LD50		4100	mg/kg bodyweight
Species	rat		
Method	OECD 401		
Source	ECHA		

Acute dermal toxicity			
No	Substance name	CAS no.	EC no.
1	Alcohols, C12-14, ethoxylated, sulfates, sodium salts	68891-38-3	500-234-8
LD50		> 2000	mg/kg bodyweight
Species	rat		
Method	OECD 402		
Source	ECHA		

Acute inhalational toxicity	
No data available	

Skin corrosion/irritation			
No	Substance name	CAS no.	EC no.
1	Benzenesulfonic acid, C10-13-alkyl derivs., sodium	68411-30-3	270-115-0



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salts			
Method	OECD 404		
Source	ECHA		
Evaluation	irritant		
<b>2</b>	<b>Alcohols, C12-14, ethoxylated, sulfates, sodium salts</b>	<b>68891-38-3</b>	<b>500-234-8</b>
Species	rabbit		
Method	OECD 404		
Source	ECHA		
Evaluation	irritant		
Serious eye damage/irritation			
No	Substance name	CAS no.	EC no.
1	Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts	68411-30-3	270-115-0
Species	rabbit		
Method	OECD 405		
Source	ECHA		
Evaluation	Irreversible effects on the eye		
<b>2</b>	<b>Alcohols, C12-14, ethoxylated, sulfates, sodium salts</b>	<b>68891-38-3</b>	<b>500-234-8</b>
Species	rabbit		
Method	OECD 405		
Source	ECHA		
Evaluation	strongly irritant		
Respiratory or skin sensitisation			
No	Substance name	CAS no.	EC no.
1	Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts	68411-30-3	270-115-0
Route of exposure	Skin		
Species	guinea pig		
Method	OECD 406		
Source	ECHA		
Evaluation/classification	Based on available data, the classification criteria are not met.		
<b>2</b>	<b>Alcohols, C12-14, ethoxylated, sulfates, sodium salts</b>	<b>68891-38-3</b>	<b>500-234-8</b>
Route of exposure	Skin		
Species	guinea pig		
Method	OECD 406		
Source	ECHA		
Evaluation	non-sensitizing		
Germ cell mutagenicity			
No	Substance name	CAS no.	EC no.
1	Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts	68411-30-3	270-115-0
Source	ECHA		
Evaluation/classification	Based on available data, the classification criteria are not met.		
<b>2</b>	<b>Alcohols, C12-14, ethoxylated, sulfates, sodium salts</b>	<b>68891-38-3</b>	<b>500-234-8</b>
Source	ECHA		
Evaluation/classification	Based on available data, the classification criteria are not met.		
Reproduction toxicity			
No	Substance name	CAS no.	EC no.
1	Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts	68411-30-3	270-115-0
Source	ECHA		

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Evaluation/classification		Based on available data, the classification criteria are not met.	
<b>2</b>	<b>Alcohols, C12-14, ethoxylated, sulfates, sodium salts</b>	<b>68891-38-3</b>	<b>500-234-8</b>
Source		ECHA	
Evaluation/classification		Based on available data, the classification criteria are not met.	
<b>Carcinogenicity</b>			
No data available			
<b>STOT - single exposure</b>			
No data available			
<b>STOT - repeated exposure</b>			
<b>No</b>	<b>Substance name</b>	<b>CAS no.</b>	<b>EC no.</b>
<b>1</b>	<b>Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts</b>	<b>68411-30-3</b>	<b>270-115-0</b>
Species		rat	
Source		ECHA	
Evaluation/classification		Based on available data, the classification criteria are not met.	
<b>Aspiration hazard</b>			
No data available			

**11.2 Information on other hazards****Endocrine disrupting properties**

No data available.

**Other information**

No data available.

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

<b>Toxicity to fish (acute)</b>			
<b>No</b>	<b>Substance name</b>	<b>CAS no.</b>	<b>EC no.</b>
<b>1</b>	<b>Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts</b>	<b>68411-30-3</b>	<b>270-115-0</b>
LC50		1.67	mg/l
Duration of exposure		96	h
Species		Lepomis macrochirus	
Method		USA EPA, 1975	
Source		ECHA	
<b>2</b>	<b>Alcohols, C12-14, ethoxylated, sulfates, sodium salts</b>	<b>68891-38-3</b>	<b>500-234-8</b>
LC50		7.1	mg/l
Duration of exposure		96	h
Species		Danio rerio	
Method		OECD 203	
Source		ECHA	
<b>Toxicity to fish (chronic)</b>			
<b>No</b>	<b>Substance name</b>	<b>CAS no.</b>	<b>EC no.</b>
<b>1</b>	<b>Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts</b>	<b>68411-30-3</b>	<b>270-115-0</b>
NOEC		0.23	mg/l
Duration of exposure		72	day(s)
Species		Oncorhynchus mykiss	
Source		ECHA	
<b>Toxicity to Daphnia (acute)</b>			

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No	Substance name	CAS no.	EC no.
1	Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts	68411-30-3	270-115-0
EC50		2.9	mg/l
Duration of exposure		48	h
Species	Daphnia magna		
Method	OECD 202		
Source	ECHA		
2	Alcohols, C12-14, ethoxylated, sulfates, sodium salts	68891-38-3	500-234-8
EC50		7.4	mg/l
Duration of exposure		48	h
Species	Daphnia magna		
Method	OECD 202		
Source	ECHA		

**Toxicity to Daphnia (chronic)**

No	Substance name	CAS no.	EC no.
1	Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts	68411-30-3	270-115-0
NOEC		1.18	mg/l
Duration of exposure		21	
Species	Daphnia magna		
Method	OECD 211		
Source	ECHA		

**Toxicity to algae (acute)**

No	Substance name	CAS no.	EC no.
1	Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts	68411-30-3	270-115-0
ErC50		127.9	mg/l
Duration of exposure		72	h
Species	Scenedesmus subspicatus		
Method	88/302/EEC, C.11		
Source	ECHA		
2	Alcohols, C12-14, ethoxylated, sulfates, sodium salts	68891-38-3	500-234-8
ErC50		27.7	mg/l
Duration of exposure		72	h
Species	Desmodesmus subspicatus		
Method	OECD 201		
Source	ECHA		

**Toxicity to algae (chronic)**

No	Substance name	CAS no.	EC no.
1	Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts	68411-30-3	270-115-0
NOEC		2.4	mg/l
Duration of exposure		72	day(s)
Species	Scenedesmus subspicatus		
Method	88/302/EEC		
Source	ECHA		
2	Alcohols, C12-14, ethoxylated, sulfates, sodium salts	68891-38-3	500-234-8
NOEC		0.95	mg/l
Duration of exposure		72	h
Species	Desmodesmus subspicatus		
Method	OECD 201		
Source	ECHA		

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Bacteria toxicity			
No	Substance name	CAS no.	EC no.
1	Alcohols, C12-14, ethoxylated, sulfates, sodium salts	68891-38-3	500-234-8
EC50	>	10000	mg/l
Duration of exposure		16	h
Species	Pseudomonas putida		
Method	DIN 38412 T.8		
Source	ECHA		

**12.2 Persistence and degradability**

Biodegradability			
No	Substance name	CAS no.	EC no.
1	Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts	68411-30-3	270-115-0
Value		85	%
Duration		29	day(s)
Method	OECD 301 B		
Source	ECHA		
Evaluation	readily biodegradable		
2	Alcohols, C12-14, ethoxylated, sulfates, sodium salts	68891-38-3	500-234-8
Type	DOC decrease		
Value		100	%
Duration		14	day(s)
Source	ECHA		
Evaluation	readily biodegradable		

**12.3 Bioaccumulative potential**

Partition coefficient n-octanol/water (log value)			
No	Substance name	CAS no.	EC no.
1	Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts	68411-30-3	270-115-0
log Pow		1.4	
Reference temperature		23	°C
with reference to	pH 6,1		
Method	OECD 123		
Source	ECHA		

**12.4 Mobility in soil**

No data available.

**12.5 Results of PBT and vPvB assessment**

Results of PBT and vPvB assessment	
PBT assessment	According to the information provided in the supply chain, the mixture does not contain > 0.1% of a substance that is considered to be PBT.
vPvB assessment	According to the information provided in the supply chain, the mixture does not contain > 0.1% of a substance that is considered to be vPvB.

**12.6 Endocrine disrupting properties**

No data available.

**12.7 Other adverse effects**

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No data available.

**12.8 Other information****Other information**

Do not discharge product unmonitored into the environment.

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

Disposal of the product should be carried out in accordance with all applicable regulations following consultation with the responsible local authority and the disposal company in an authorised and suitable disposal facility. Allocation of a waste code number, according to the European Waste Catalogue, should be carried out in agreement with the regional waste disposal company.

**Packaging**

Residues must be removed from packaging and when emptied completely disposed of in accordance with the regulations for waste removal. Incompletely emptied packaging must be disposed of in the form of disposal specified by the regional disposer.

**SECTION 14: Transport information****14.1 Transport ADR/RID/ADN**

The product is not subject to ADR/RID/ADN regulations.

**14.2 Transport IMDG**

The product is not subject to IMDG regulations.

**14.3 Transport ICAO-TI / IATA**

The product is not subject to ICAO-TI / IATA regulations.

**14.4 Other information**

No data available.

**14.5 Environmental hazards**

Information on environmental hazards, if relevant, please see 14.1 - 14.3.

**14.6 Special precautions for user**

No data available.

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

Not relevant

**SECTION 15: Regulatory information****15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture****EU regulations****Regulation (EC) No 1907/2006 (REACH) Annex XIV (List of substances subject to authorisation)**

According to the data available and/or specifications supplied by upstream suppliers, this product does not contain any substances considered as substances requiring authorisation as listed on Annex XIV of the REACH regulation (EC) 1907/2006.

**REACH candidate list of substances of very high concern (SVHC) for authorisation**

According to available data and the information provided by preliminary suppliers, the product does not contain substances that are considered substances meeting the criteria for inclusion in annex XIV (List of Substances Subject to Authorisation) as laid down in Article 57 and article 59 of REACH (EC) 1907/2006.

**Regulation (EC) No 1907/2006 (REACH) Annex XVII: RESTRICTIONS ON THE MANUFACTURE, PLACING ON THE MARKET AND USE OF CERTAIN DANGEROUS SUBSTANCES, MIXTURES AND ARTICLES**

The product is considered being subject to REACH regulation (EC) 1907/2006 annex	No 3
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XVII.				
The product contains following substance(s) that are considered being subject to REACH regulation (EC) 1907/2006 annex XVII.				
No	Substance name	CAS no.	EC no.	No
1	1H-Indene-1,3(2H)-dione, 2-(2-quinoliny)-, sulfonated, sodium salts C.I. 47005, Acid Yellow 3	95193-83-2	305-897-5	75
2	2-octyl-2H-isothiazol-3-one	26530-20-1	247-761-7	75
3	bronopol	52-51-7	200-143-0	75
<b>Directive 2012/18/EU on the control of major-accident hazards involving dangerous substances</b>				
This product is not subject to Part 1 or 2 of Annex I.				
<b>Other regulations</b>				
Adhere to the national sanitary and occupational safety regulations when using this product. Employment restrictions, according to the regulations for protection of expectant and nursing mothers and the youth health and safety regulations, serving to protect against hazardous materials, should be observed. The surfactants contained in this product comply with the DetVO 648/2004/EC.				

**15.2 Chemical safety assessment**

No data available.

**SECTION 16: Other information****Sources of key data used to compile the data sheet:**

Regulation (EC) No 1907/2006 (REACH), 1272/2008 (CLP) as amended in each case.

Directives 2000/39/EC, 2006/15/EC, 2009/161/EU, (EU) 2017/164.

National Threshold Limit Values of the corresponding countries as amended in each case.

Transport regulations according to ADR, RID, IMDG, IATA as amended in each case.

The data sources used to determine physical, toxic and ecotoxic data, are indicated directly in the corresponding section.

**Full text of the H- and EUH- phrases drawn up in sections 2 and 3 (provided not already drawn up in these sections)**

EUH071	Corrosive to the respiratory tract.
H226	Flammable liquid and vapour.
H301	Toxic if swallowed.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H311	Toxic in contact with skin.
H312	Harmful in contact with skin.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H330	Fatal if inhaled.
H335	May cause respiratory irritation.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.

**Creation of the safety data sheet**

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This information is based on our present knowledge and experience.

The safety data sheet describes products with a view to safety requirements.

It does not however, constitute a guarantee for any specific product properties and shall not establish a legally valid contractual relationship.

**Alterations/supplements:**

Alterations to the previous edition are marked in the left-hand margin.

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