Trade name: Active Foam **Product no.:** 282999

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

1.1 Product identifier

Trade name

Active Foam

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

Relevant identified uses of the substance or mixture

Cleaner

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 Irrit. 2; H315 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





Signal word Danger

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Hazardous component(s) to be indicated on label:

Alcohols, C12-14, ethoxylated, sulfates, sodium salts

1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1 one

4-(4-hydroxy-4-methylpentyl)cyclohex-3-enecarbaldehyde

Coumarin

Hazard statement(s)

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.
H318 Causes serious eye damage.

H412 Harmful to aquatic life with long lasting effects.

Precautionary statement(s)

P261 Avoid breathing vapours/spray.

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.

P333+P313 If skin irritation or rash occurs: Get medical advice/attention.

P501 Dispose of contents/container to a facility in accordance with local and national

regulations.

Supplemental label elements

Regulation (EC) No 648/2004 on detergents (Annex VII):

>=30% anionic surfactants

Perfumings

HYDROXYISOHEXYL 3-CYCLOHEXENE CARBOXALDEHYDE

COUMARIN LINALOOL

ALPHA-ISOMETHYL IONONE

BUTYLPHENYL METHYLPROPIONAL

GERANIOL EUGENOL

2.3 Other hazards

PBT assessment

The components of this product are not considered to be a PBT.

vPvB assessment

The components of this product are not considered to be a 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		Addit	ional informatio	n	
	CAS / EC / Index /	Classification (EC) 1272/2008 (CLP)	Conc	entration		%
	REACH no					
1	Alcohols, C12-14,	ethoxylated, sulfates, sodium salts				
	68891-38-3	Eye Dam. 1; H318	>=	10.00 - <	25.00	%-b.w.
	500-234-8	Skin Irrit. 2; H315				
	-	Aquatic Chronic 3; H412				
	01-2119488639-16					
2	Sulfonic acids, C14	4-17-sec-alkane, sodium salts				
	97489-15-1	Acute Tox. 4; H302	>=	10.00 - <	25.00	%-b.w.
	307-055-2	Eye Dam. 1; H318				
	-	Skin Irrit. 2; H315				
	01-2119489924-20	Aquatic Chronic 3; H412				

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3	sodium p-cumenes	sulphonate			
	15763-76-5	Eye Irrit. 2; H319	<	5.00	%-b.w.
	239-854-6				
	-				
	01-2119489411-37				
4	1-(1,2,3,4,5,6,7,8-00	ctahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1			
	one				
	54464-57-2	Aquatic Chronic 1; H410	<	0.50	%-b.w.
	259-174-3	Skin Sens. 1; H317			
	-	Skin Irrit. 2; H315			
	-				
5	4-(4-hydroxy-4-met	hylpentyl)cyclohex-3-enecarbaldehyde			
	31906-04-4	Skin Sens. 1A; H317	<	0.50	%-b.w.
	250-863-4				
	605-040-00-8				
	-				
6	Coumarin				
	91-64-5	Acute Tox. 4; H302	<	0.50	%-b.w.
	202-086-7	Skin Sens. 1B; H317			
	-	Aquatic Chronic 3; H412			

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

No	Note	Specific concentration limits	M-factor (acute)	M-factor (chronic)
1	-	Eye Irrit. 2; H319: C >= 5%	-	-
		Eye Dam. 1; H318: C >= 10%		
2	-	Eye Irrit. 2; H319: C >= 10%	-	-
		Skin Irrit. 2; H315: C >= 10%		
		Eye Dam. 1; H318: C >= 15%		
		Acute Tox. 4; H302: C >= 60%		

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 allergic symptoms, especially respiratory tract related, seek medical help immediately.

After inhalation

Remove affected persons from dangerous area by observing suitable respiratory protection measures. Ensure supply of fresh air. Do not use mouth-to-mouth or mouth-to-nose resuscitation.

After skin contact

Wash immediately with plenty of water for several minutes. 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.

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



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5.1 Extinguishing media

Suitable extinguishing media

Water spray jet; Foam; Carbon dioxide; Dry chemical extinguisher

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 dioxide (CO2); Carbon monoxide (CO); Sulphur oxides (SxOy)

5.3 Advice for firefighters

Use self-contained breathing apparatus. Wear full protective suit. Run-off water from fire fighting must not be discharged into drains or enter surface water.

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. In case of entry into waterways, soil or drains, inform the responsible authorities.

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 chapter 7. Information regarding personal protective measures, see chapter 8. Information regarding waste disposal, see chapter 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. Have emergency shower available. 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 of same material as the original.

Incompatible products

Substances to be avoided, pls. See chapter 10.

7.3 Specific end use(s)

No data available.

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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	Alcohols, C12-14, ethoxy	lated, sulfates, sodium sal	ts	68891-38-3	
				500-234-8	
	dermal	Long term (chronic)	systemic	2750	mg/kg/day
	inhalative	Long term (chronic)	systemic	175	mg/m³
2	Sulfonic acids, C14-17-se	c-alkane, sodium salts		97489-15-1	
				307-055-2	
	dermal	Long term (chronic)	systemic	5	mg/kg/day
	dermal	Long term (chronic)	local	2.8	mg/cm²
	dermal	Short term (acut)	local	2.8	mg/cm²
	inhalative	Long term (chronic)	systemic	35	mg/m³
3	sodium p-cumenesulphor	nate		15763-76-5	
				239-854-6	
	dermal	Long term (chronic)	systemic	7.6	mg/kg/day
	inhalative	Long term (chronic)	systemic	53.6	mg/m³

DNEL value (consumer)

No	Substance name	Substance name		CAS / EC no	
	Route of exposure	Exposure time	Effect	Value	
1	Alcohols, C12-14, ethoxy	lated, sulfates, sodium sa	lts	68891-38-3	
				500-234-8	
	oral	Long term (chronic)	systemic	15	mg/kg/day
	dermal	Long term (chronic)	systemic	1650	mg/kg/day
	inhalative	Long term (chronic)	systemic	52	mg/m³
2	Sulfonic acids, C14-17-se	ec-alkane, sodium salts		97489-15-1	
				307-055-2	
	oral	Long term (chronic)	systemic	7.1	mg/kg/day
	dermal	Long term (chronic)	systemic	3.57	mg/kg/day
	dermal	Long term (chronic)	local	2.8	mg/cm ²
	dermal	Short term (acut)	local	2.8	mg/cm ²
	inhalative	Long term (chronic)	systemic	12.4	mg/m³
3	sodium p-cumenesulpho	nate		15763-76-5	
				239-854-6	
	oral	Long term (chronic)	systemic	3.8	mg/kg/day
	dermal	Long term (chronic)	systemic	3.8	mg/kg/day
	inhalative	Long term (chronic)	systemic	13.2	mg/m³

PNEC values

No	Substance name		CAS / EC no	
	ecological compartment	Туре	Value	
1	Alcohols, C12-14, ethoxylated, sulfates	s, sodium salts	68891-38-3	
			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	5.45	mg/kg dry weight
	water	marine water sediment	0.545	mg/kg dry weight
	soil	-	0.946	mg/kg dry

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				weight
	sewage treatment plant	-	10000	mg/L
2	Sulfonic acids, C14-17-sec-alkane, soc	dium salts	97489-15-1 307-055-2	
	water	fresh water	0.04	mg/L
	water	marine water	0.004	mg/L
	water	Aqua intermittent	0.06	mg/L
	water	fresh water sediment	9.4	mg/kg dry weight
	water	marine water sediment	0.94	mg/kg dry weight
	soil	-	9.4	mg/kg dry weight
	sewage treatment plant	-	600	mg/L
	secondary poisoning	-	53.3	mg/kg food
3	sodium p-cumenesulphonate		15763-76-5	
			239-854-6	
	water	fresh water	0.23	mg/L
	water	Aqua intermittent	2.3	mg/L
	sewage treatment plant	-	100	mg/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 > 480 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

Form/Colour	
liquid	
yellow	

0	d	0	п	ľ
$\mathbf{\circ}$	ч	v	u	L

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characteristic; perfumed-like

Odour threshold

No data available

pH value

No data available

Boiling point / boiling range

No data available

Melting point / melting range

No data available

Decomposition point / decomposition range

No data available

Flash point

No data available

Auto-ignition temperature

No data available

Oxidising properties

No data available

Explosive properties

No data available

Flammability (solid, gas)

No data available

Lower flammability or explosive limits

No data available

Upper flammability or explosive limits

No data available

Vapour pressure

No data available

Vapour density

No data available

Evaporation rate

No data available

Relative density

No data available

Density

Value1.04g/cm³Reference temperature20°C

Solubility in water

No data available

Solubility(ies)

No data available

Part	tition coefficient: n-octanol/water					
No	Substance name		CAS no.		EC no.	
1	Sulfonic acids, C14-17-sec-alkane, sodiu	um salts	97489-15-1		307-055-2	
log F	Pow			0.2		
Refe	erence temperature			20	°C	
Meth	hod	92/69/EEC,	A.8			
Soul	rce	ECHA				

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Viscosity	
No data available	

9.2 Other information

Other information	
No data available.	

SECTION 10: Stability and reactivity

10.1 Reactivity

Stable at ambient temperature.

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

strong acids; Alkalis; Oxidizing agents

10.6 Hazardous decomposition products

None, if handled according to intended use.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acu	Acute oral toxicity (result of the ATE calculation for the mixture)				
No	Product Name				
1	Active Foam				
Com	nments	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).			

Acu	te oral toxicity				
No	Substance name		CAS no.		EC no.
1	Alcohols, C12-14, ethoxylated, sulfates, salts	sodium	68891-38-3		500-234-8
LDG		I		4400	
LD5				4100	mg/kg bodyweight
Spe		rat			
Meth	nod	OECD 401			
Soul	rce	ECHA			
2	Sulfonic acids, C14-17-sec-alkane, sodiu	ım salts	97489-15-1		307-055-2
LD5	0	500	-	2000	mg/kg bodyweight
Spe	cies	rat			
Meth	nod	OECD 401			
Soul	rce	ECHA			
Eval	uation/classification	Based on ava	ailable data, the	classification	n criteria are met.
3	sodium p-cumenesulphonate		15763-76-5		239-854-6
LD5	0	>		7000	mg/kg bodyweight
Spe	cies	rat			
with	reference to	CAS 28348-5	53-0		
Meth	nod	OECD 401			
Soul	rce	ECHA			

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Acu	Acute dermal toxicity				
No	Substance name		CAS no.		EC no.
1	Alcohols, C12-14, ethoxylated, sulfates, salts	sodium	68891-38-3		500-234-8
LD5	0	>		2000	mg/kg bodyweight
Spe	cies	rat			
Meth	nod	OECD 402			
Soul	rce	ECHA			
2	sodium p-cumenesulphonate		15763-76-5		239-854-6
LD5	0	>		2000	mg/kg bodyweight
Spe	cies	rabbit			
with	reference to	CAS 28348-5	53-0		
Meth	nod	OECD 402			
Soul	rce	ECHA			

Acu	Acute inhalational toxicity					
No	Substance name	CAS no.		EC no.		
1	sodium p-cumenesulphonate	15763-76-5		239-854-6		
LC5	0	>	6.41	mg/l		
Dura	ation of exposure		4	h		
State	e of aggregation	Dust/mist				
Spe	cies	rat				
with	reference to	CAS 28348-53-0				
Soul	rce	ECHA				

Skin	kin corrosion/irritation					
No	Substance name		CAS no.	EC no.		
1	Alcohols, C12-14, ethoxylated, sulfates,	sodium	68891-38-3	500-234-8		
	salts					
Spec	cies	rabbit				
Meth	nod	OECD 404				
Sour	rce	ECHA				
Eval	uation	irritant				
2	sodium p-cumenesulphonate		15763-76-5	239-854-6		
Spec	cies	rabbit				
with	reference to	CAS 28348-5	53-0			
Meth	nod	OECD 404				
Sour	rce	ECHA				
Eval	uation	low-irritant				
Eval	uation/classification	Based on ava	ailable data, the classification	n criteria are not met.		

Seri	ious eye damage/irritation					
No	Substance name		CAS no.	EC no.		
1	Alcohols, C12-14, ethoxylated, sulfates,	sodium	68891-38-3	500-234-8		
	salts					
Spe	cies	rabbit				
Meth	nod	OECD 405				
Soul	rce	ECHA				
Eval	uation	strongly irrital	nt			
2	Sulfonic acids, C14-17-sec-alkane, sodiu	um salts	97489-15-1	307-055-2		
Spec	cies	rabbit				
Meth	nod	OECD 405				
Soul	rce	ECHA				
Eval	uation	irritant				
Eval	uation/classification	Based on ava	ailable data, the classificatior	n criteria are met.		
3	sodium p-cumenesulphonate		15763-76-5	239-854-6		
Spec	cies	rabbit				
Meth	nod	OECD 405				
Sou	rce	ECHA				

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Evaluation	irritant
Lvaluation	IIIItalit

Res	espiratory or skin sensitisation				
No	Substance name		CAS no.	EC no.	
1	Alcohols, C12-14, ethoxylated, sulfates, salts	, sodium	68891-38-3	500-234-8	
Rou	te of exposure	Skin			
Spe Met Sou		guinea pig OECD 406 ECHA			
Eva	luation	non-sensitizir	ng		
2	sodium p-cumenesulphonate		15763-76-5	239-854-6	
Rou	te of exposure	Skin			
		guinea pig CAS 28348-5 OECD 406 ECHA	53-0		
Eva	luation	non-sensitizir	ng		

Ger	Germ cell mutagenicity					
No	Substance name	CAS no.	EC no.			
1	Alcohols, C12-14, ethoxylated, sulfates, salts	sodium 68891-38-3	500-234-8			
Sou	rce	ECHA				
Eva	luation/classification	Based on available data, the classific	ation criteria are not met.			
2	sodium p-cumenesulphonate	15763-76-5	239-854-6			
Туре	e of examination	Chromosome aberration test				
with	reference to	CAS 28348-53-0				
Met	hod	OECD 474				
Sou	rce	ECHA				
Eva	luation/classification	Based on available data, the classific	ation criteria are not met.			

Rep	Reproduction toxicity					
No	Substance name	CAS no.	EC no.			
	Alcohols, C12-14, ethoxylated, sulfates,	sodium 68891-38-3	500-234-8			
	salts					
Soul	ce	ECHA				
	uation/classification	Based on available data, the class	cification criteria are not met			

Carcinogenicity No data available

STOT - single exposure
No data available

STOT - repeated exposure	
No data available	

Aspiration hazard	
No data available	

SECTION 12: Ecological information

12.1 Toxicity

Toxi	icity to fish (acute)					
No	Substance name		CAS no.		EC no.	
	Alcohols, C12-14, ethoxylated, sulfates, salts	sodium	68891-38-3		500-234-8	
LC5	0			7.1	mg/l	
Dura	ation of exposure			96	h	

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Species Method Source	Danio rerio OECD 203 ECHA				
2 Sulfonic acids, C14-17-sec-alkane, sodiu	ım salts	97489-15-1		307-055-2	
LC50			8.4	mg/l	
Duration of exposure			96	h	
Species	Leuciscus id	lus melanotus			
Method	440/2008/E0	C C.1.			
Source	ECHA				

Toxi	Toxicity to fish (chronic)							
No	Substance name		CAS no.		EC no.			
1	Sulfonic acids, C14-17-sec-alkane, sodiu	um salts	97489-15-1		307-055-2			
NOE	EC			1.4	mg/l			
Spe	cies	Oncorhynch	hus mykiss					
Meth	hod	OECD 204						
Soul	rce	ECHA						

Toxi	city to Daphnia (acute)					
No	Substance name		CAS no.		EC no.	
1	Alcohols, C12-14, ethoxylated, sulfates, salts	sodium	68891-38-3		500-234-8	
EC5	0			7.4	mg/l	
Dura	ation of exposure			48	h	
Spe	cies	Daphnia mag	gna			
Meth	nod	OECD 202				
Soul	rce	ECHA				
2	Sulfonic acids, C14-17-sec-alkane, sodi	um salts	97489-15-1		307-055-2	
EC5	0			7.26	mg/l	
Dura	ation of exposure			48	h	
Spe	cies	Daphnia mag	gna			
Meth	nod	OECD 202				
Soul	rce	ECHA				

Toxi	Toxicity to Daphnia (chronic)							
No	Substance name		CAS no.		EC no.			
1	Sulfonic acids, C14-17-sec-alkane, sodiu	um salts	97489-15-1		307-055-2			
NOE	EC			1.0	mg/l			
Spec	cies	Daphnia ma	gna					
Meth	nod	OECD 202						
Soul	rce	ECHA						

Toxi	city to algae (acute)					
No	Substance name		CAS no.		EC no.	
1	Alcohols, C12-14, ethoxylated, sulfates, salts	sodium	68891-38-3		500-234-8	
ErC:				27.7 72	mg/l h	
Spe	cies .	Desmodesm OECD 201	us subspicatus	12	II II	
Sou	rce	ECHA				
2	Sulfonic acids, C14-17-sec-alkane, sodiu	um salts	97489-15-1		307-055-2	
EC5	0	>		100	mg/l	
Dura	ation of exposure			72	h	
Spe	cies	Scenedesmu	ıs subspicatus			
Metl	nod	OECD 201				
Sou	rce	ECHA				

Tox	icity to algae (chronic)			
No	Substance name	CAS no.	EC no.	

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	Alcohols, C12-14, ethoxylated, sulfates, salts	sodium	68891-38-3		500-234-8	
NOE	EC .			0.95	mg/l	
Dura	ation of exposure			72	h	
Spec	cies	Desmodesmu	ıs subspicatus			
Meth	nod	OECD 201				
Soul	ce	ECHA				

Bac	Bacteria toxicity							
No	Substance name		CAS no.		EC no.			
1	Alcohols, C12-14, ethoxylated, sulfates,	sodium	68891-38-3		500-234-8			
	salts							
EC5	0	>		10000	mg/l			
Dura	ation of exposure			16	h			
Spe	cies	Pseudomona	is putida					
Meth	nod	DIN 38412 T.	.8					
Soul	rce	ECHA						

12.2 Persistence and degradability

	degradability					
No	Substance name		CAS no.		EC no.	
1	Alcohols, C12-14, ethoxylated, sulfates,	sodium	68891-38-3		500-234-8	
	salts					
Туре	e	DOC decreas	se			
Valu	e			100	%	
Dura	ation			14	day(s)	
Soul	rce	ECHA				
Eval	uation	readily biode	gradable			

12.3 Bioaccumulative potential

	.					
Part	ition coefficient: n-octanol/water					
No	Substance name		CAS no.		EC no.	
1	Sulfonic acids, C14-17-sec-alkane, sodiu	um salts	97489-15-1		307-055-2	
log F	Pow			0.2		
Refe	erence temperature			20	°C	
Meth	nod	92/69/EEC,	A.8			
Soul	rce	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	The components of this product are not considered to be a PBT.
vPvB assessment	The components of this product are not considered to be a vPvB.

12.6 Other adverse effects

No data available.

12.7 Other information

Other information	
Do not discharge into the drains or waters and do not store on public depositories.	

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.

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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

Residuals 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 Transport in bulk according to Annex II of Marpol and the IBC Code

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, PREPARATIONS AND ARTICLES

The product is considered being subject to REACH regulation (EC) 1907/2006 annexe XVII.

Directive 2012/18/EU on the control of major-accident hazards involving dangerous substances

This product is not subject to Part 1 or 2 of Annex I.

Other regulations

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

A chemical safety assessment has not been carried out for this mixture.

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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.

EC Directives 2000/39/EC, 2006/15/EC, 2009/161/EU

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 chapter.

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

H302 Harmful if swallowed.

H319 Causes serious eye irritation.

H410 Very toxic to aquatic life with long lasting effects.

Department issuing 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.

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