Trade name: Active Foam Spring Product no.: 320999 Current version : 3.0.0, issued: 14.02.2022

Replaced version: 3.0.0, issued: 06.12.2021

Region: GB

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

1.1 Product identifier Trade name

Active Foam Spring

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) Eye Dam. 1; H318 Skin Irrit. 2; H315

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

Hazardous component(s) to be indicated on label: Sulfonic acids, C14-17-sec-alkane, sodium salts

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Alcohols, C12-14, ethoxylated, sulfates, sodium salts Hazard statement(s) H315 Causes skin irritation. H318 Causes serious eye damage. Hazard statements (EU) EUH208 Contains alpha-hexylcinnamaldehyde. May produce an allergic reaction. Precautionary statement(s) Wear protective gloves/eye protection/face protection. P280 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. P332+P313 If skin irritation occurs: Get medical advice/attention.

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

Substance name		Addit	ional informati	on	
CAS / EC / Index /	Classification (EC) 1272/2008 (CLP)	Conc	entration		%
REACH no					
Sulfonic acids, C14	4-17-sec-alkane, sodium salts				
97489-15-1	Acute Tox. 4; H302	>=	10.00 - <	25.00	wt%
307-055-2	Eye Dam. 1; H318				
-	Skin Irrit. 2; H315				
01-2119489924-20	Aquatic Chronic 3; H412				
Alcohols, C12-14, e	ethoxylated, sulfates, sodium salts				
68891-38-3	Eye Dam. 1; H318	>=	5.00 - <	10.00	wt%
500-234-8	Skin Irrit. 2; H315				
-	Aquatic Chronic 3; H412				
01-2119488639-16					
sodium p-cumenes	sulphonate				
15763-76-5	Eye Irrit. 2; H319	<	2.50		wt%
239-854-6					
-					
01-2119489411-37					
alpha-hexylcinnam	aldehyde				
101-86-0	Aquatic Acute 1; H400	<	0.50		wt%
202-983-3	Aquatic Chronic 2; H411				
-	Skin Sens. 1B; H317				
-					
	CAS / EC / Index / REACH no Sulfonic acids, C14 97489-15-1 307-055-2 - 01-2119489924-20 Alcohols, C12-14, 6 68891-38-3 500-234-8 - 01-2119488639-16 sodium p-cumenes 15763-76-5 239-854-6 - 01-2119489411-37 alpha-hexylcinnam 101-86-0	CAS / EC / Index / REACH no Classification (EC) 1272/2008 (CLP) Sulfonic acids, C14-17-sec-alkane, sodium salts 97489-15-1 Acute Tox. 4; H302 97489-15-1 Acute Tox. 4; H302 97489-15-1 307-055-2 Eye Dam. 1; H318 97489-15-1 - Skin Irrit. 2; H315 97489-15-1 01-2119489924-20 Aquatic Chronic 3; H412 97489-15-1 Acute Tox. 4; H302 Skin Irrit. 2; H315 97489-15-1 01-2119489924-20 Aquatic Chronic 3; H412 97489-15-1 Alcohols, C12-14, ethoxylated, sulfates, sodium salts 96891-38-3 Eye Dam. 1; H318 500-234-8 Skin Irrit. 2; H315 97491-20 - Aquatic Chronic 3; H412 97412 01-2119488639-16 97491-20 97491-20 101-2119488639-16 97491-20 97491-20 11-2119489411-37 97491-20 97491-20 101-2119489411-37 97491-20 97491-20 101-86-0 Aquatic Acute 1; H400 97491-20 101-86-0 Aquatic Chronic 2; H411 97491-20	CAS / EC / Index / REACH no Classification (EC) 1272/2008 (CLP) Conc Sulfonic acids, C14-17-sec-alkane, sodium salts 97489-15-1 Acute Tox. 4; H302 >= 307-055-2 Eye Dam. 1; H318 >= - Skin Irrit. 2; H315 >= 01-2119489924-20 Aquatic Chronic 3; H412 Alcohols, C12-14, ethoxylated, sulfates, sodium salts >= 68891-38-3 Eye Dam. 1; H318 >= 500-234-8 Skin Irrit. 2; H315 >= 01-2119488639-16 Skin Irrit. 2; H315 >= 01-2119488639-16 >= sodium p-cumenesulphonate 15763-76-5 Eye Irrit. 2; H319 239-854-6 - - 01-2119489411-37 alpha-hexylcinnamaldehyde 01-86-0 Aquatic Chronic 2; H411	CAS / EC / Index / REACH no Classification (EC) 1272/2008 (CLP) Concentration Sulfonic acids, C14-17-sec-alkane, sodium salts 97489-15-1 Acute Tox. 4; H302 >= 10.00 - <	CAS / EC / Index / REACH no Classification (EC) 1272/2008 (CLP) Concentration Sulfonic acids, C14-17-sec-alkane, sodium salts 97489-15-1 Acute Tox. 4; H302 >= 10.00 - <

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

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No	Note	Specific concentration limits	M-factor (acute)	M-factor (chronic)
1	-	Eye Irrit. 2; H319: C >= 10.01% Skin Irrit. 2; H315: C >= 10.01% Eye Dam. 1; H318: C >= 15.01% Acute Tox. 4; H302: C >= 60.01%	-	-
2	-	Eye Irrit. 2; H319: C >= 5% Eye Dam. 1; H318: C >= 10%	-	-

Acute toxicity estimate (ATE) values				
No	oral	dermal	inhalative	
1	501 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 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 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.

- **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 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

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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 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. 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. Store in a dry place. Keep from freezing.

Recommended storage temperature

Value

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, 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	mg/kg/day mg/cm² mg/cm²	
	Route of exposure	Exposure time	Effect	Value		
1	Sulfonic acids, C14-17-se	acids, C14-17-sec-alkane, sodium salts				
				307-055-2		
	dermal	Long term (chronic)	systemic	5	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	35	mg/m³	
2	Alcohols, C12-14, ethoxy	lated, sulfates, sodium sal	ts	68891-38-3		

Room temperature

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				500-234-8	8
	dermal	Long term (chronic)	systemic	2750	mg/kg/day
	dermal	Long term (chronic)	local	132	µg/cm²
	inhalative	Long term (chronic)	systemic	175	mg/m³
3	sodium p-cumenesulpho	onate		15763-76	-5
				239-854-0	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			CAS / EC no)
	Route of exposure	Exposure time	Effect	Value	
1	Sulfonic acids, C14-17-se	c-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/cm²
	dermal	Short term (acut)	local	2.8	mg/cm ²
	inhalative	Long term (chronic)	systemic	12.4	mg/m³
2	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
	dermal	Long term (chronic)	local	79	µg/cm²
	inhalative	Long term (chronic)	systemic	52	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	Sulfonic acids, C14-17-sec-alkar	ne, sodium salts	97489-15- 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
2	Alcohols, C12-14, ethoxylated, s	ulfates, 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	0.917	mg/kg dry weight
	water	marine water sediment	0.092	mg/kg dry weight
	soil	-	7.5	mg/kg dry weight

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	sewage treatment plant	-	10	g/L
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 work-station 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 control	ols		
No data available.			

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

State of aggregation		
liquid		
Form/Colour		
liquid		
light yellow		
Odour		
characteristic		
pH value		
Value	9	
Boiling point / boiling range		
No data available		
Melting point/freezing point		
No data available		
Decomposition temperature		
No data available		

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Flash point					
No data available					
Ignition temperature					
No data available					
Oxidising properties					
not oxidizing					
Evaluative properties					
Explosive properties Product does not present an explosion hazard.					
Froduct does not present an explosion hazard.					
Flammability					
No data available					
Lower explosion limit					
No data available					
Upper explosion limit					
No data available					
Vapour pressure					
No data available					
Deleting war days it.					
Relative vapour density No data available					
No data avallable					
Relative density					
No data available					
Density					
Value		1.04	g/cm ³		
Reference temperature		20	°C		
•			-		
Solubility in water					
Comments	miscible				
Solubility					
No data available					
Partition coefficient n-octanol/water (log valu	le)	CAC == 0		FC no	
No Substance name	um aalta	CAS no. 97489-15-1		EC no. 307-055-2	
1 Sulfonic acids, C14-17-sec-alkane, sodio	um saits	9/489-15-1	0.2	307-055-2	
Reference temperature			20	°C	
Method	92/69/EEC,	A 8	20	U	
Source	ECHA	7.0			
Viscosity					
No data available					
Particle characteristics					
No data available					
2 Other information					

Other information No data available.

SECTION 10: Stability and reactivity

10.1 Reactivity

No data available.

10.2 Chemical stability

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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

10.6 Hazardous decomposition products No hazardous decomposition products known.

SECTION 11: Toxicological information

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acu	te oral toxicity (result of the ATE calcu	lation for the mixture)
No	Product Name	
1	Active Foam Spring	
1 Active Foam Spring 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).

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

Acu	te 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	hod	OECD 402			
Sou	rce	ECHA			
2	sodium p-cumenesulphonate		15763-76-5		239-854-6
LD5	0	>		2000	mg/kg bodyweight
Spe	Species				
with reference to		CAS 28348-5	53-0		
Meth	nod	OECD 402			

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Sour	се	ECHA			
	te inhalational toxicity				
No	Substance name		CAS no.		EC no.
1	sodium p-cumenesulphonate	-	15763-76-5		239-854-6
LC5		>		6.41	mg/l
Dura	ition of exposure			4	h
State	e of aggregation	Dust/mist			
Spea	cies	rat			
	reference to	CAS 28348-	53-0		
Sour	ce	ECHA			
Skin	corrosion/irritation				
-	Substance name		CAS no.		EC no.
1	Alcohols, C12-14, ethoxylated, sulfates, salts	sodium	68891-38-3		500-234-8
Spea	cies	rabbit			
Vietł	nod	OECD 404			
Sour	ce	ECHA			
Eval	uation	irritant			
2	sodium p-cumenesulphonate	•	15763-76-5		239-854-6
Spea	·	rabbit			
	reference to	CAS 28348-	53-0		
Neth		OECD 404			
Sour		ECHA			
	uation	low-irritant			
			ailable data the	olocoificatio	n critoria ara nat mat
_val	uation/classification	Dased on av		uassilicatio	n criteria are not met.
Seri	ous eye damage/irritation				
	Substance name		010		
			CAS no.		EC no.
1	Sulfonic acids, C14-17-sec-alkane, sodi	um salts	97489-15-1		EC no. 307-055-2
1 Spec	Sulfonic acids, C14-17-sec-alkane, sodi	um salts rabbit			-
	Sulfonic acids, C14-17-sec-alkane, sodi	rabbit			-
1 Spea Meth	Sulfonic acids, C14-17-sec-alkane, sodi cies nod	rabbit OECD 405			-
Veth Sour	Sulfonic acids, C14-17-sec-alkane, sodi cies nod cce	rabbit OECD 405 ECHA			-
Veth Sour Eval	Sulfonic acids, C14-17-sec-alkane, sodi bies nod ce uation	rabbit OECD 405 ECHA irritant	97489-15-1	classificatio	307-055-2
Vieth Sour Eval Eval	Sulfonic acids, C14-17-sec-alkane, sodi cies nod ce uation uation/classification	rabbit OECD 405 ECHA irritant Based on av	97489-15-1 ailable data, the	classificatio	307-055-2 on criteria are met.
Meth Sour Eval Eval 2	Sulfonic acids, C14-17-sec-alkane, sodi cies nod ce uation uation/classification Alcohols, C12-14, ethoxylated, sulfates, salts	rabbit OECD 405 ECHA irritant Based on av sodium	97489-15-1	classificatio	307-055-2
Meth Sour Eval Eval 2 Spec	Sulfonic acids, C14-17-sec-alkane, sodi biod biod cce uation uation/classification Alcohols, C12-14, ethoxylated, sulfates, salts bies	rabbit OECD 405 ECHA irritant Based on av sodium	97489-15-1 ailable data, the	classificatio	307-055-2 on criteria are met.
Meth Sour Eval Eval 2 Spec Meth	Sulfonic acids, C14-17-sec-alkane, sodi cies nod ce uation uation/classification Alcohols, C12-14, ethoxylated, sulfates, salts cies nod	rabbit OECD 405 ECHA irritant Based on av sodium rabbit OECD 405	97489-15-1 ailable data, the	classificatio	307-055-2 on criteria are met.
Meth Sour Eval Eval Spec Meth Sour	Sulfonic acids, C14-17-sec-alkane, sodi biod cce uation uation/classification Alcohols, C12-14, ethoxylated, sulfates, salts bies hod cce	rabbit OECD 405 ECHA irritant Based on av sodium rabbit OECD 405 ECHA	97489-15-1 ailable data, the 68891-38-3	classificatio	307-055-2 on criteria are met.
Vieth Sour Eval Eval Spec Neth Sour	Sulfonic acids, C14-17-sec-alkane, sodi cies nod ce uation uation/classification Alcohols, C12-14, ethoxylated, sulfates, salts cies nod	rabbit OECD 405 ECHA irritant Based on av sodium rabbit OECD 405	97489-15-1 ailable data, the 68891-38-3	classificatio	307-055-2 on criteria are met.
Vieth Sour Eval Eval Eval Spec Meth Sour Eval	Sulfonic acids, C14-17-sec-alkane, sodi biod cce uation uation/classification Alcohols, C12-14, ethoxylated, sulfates, salts bios nod cce	rabbit OECD 405 ECHA irritant Based on av sodium rabbit OECD 405 ECHA	97489-15-1 ailable data, the 68891-38-3	classificatio	307-055-2 on criteria are met.
Vieth Sour Eval Eval Eval Spec Veth Sour Eval	Sulfonic acids, C14-17-sec-alkane, sodi biod tree uation Alcohols, C12-14, ethoxylated, sulfates, salts biod ce uation sodium p-cumenesulphonate	rabbit OECD 405 ECHA irritant Based on av sodium rabbit OECD 405 ECHA	97489-15-1 ailable data, the 68891-38-3	classificatio	307-055-2 on criteria are met. 500-234-8
Vieth Sour Eval Eval Spec Sour Eval Sour Eval	Sulfonic acids, C14-17-sec-alkane, sodi biod ce uation Alcohols, C12-14, ethoxylated, sulfates, salts cies hod ce uation sodium p-cumenesulphonate cies	rabbit OECD 405 ECHA irritant Based on av sodium rabbit OECD 405 ECHA strongly irrita	97489-15-1 ailable data, the 68891-38-3	classificatio	307-055-2 on criteria are met. 500-234-8
Vieth Sour Eval Eval Spec Vieth Sour Eval Sour Sour Sour Sour Sour	Sulfonic acids, C14-17-sec-alkane, sodi biod ce uation Alcohols, C12-14, ethoxylated, sulfates, salts biod ce uation sodium p-cumenesulphonate bies hod	rabbit OECD 405 ECHA irritant Based on av sodium rabbit OECD 405 ECHA strongly irrita rabbit OECD 405	97489-15-1 ailable data, the 68891-38-3	classificatio	307-055-2 on criteria are met. 500-234-8
Meth Sour Eval Eval Spec Meth Sour Eval Spec Meth Sour	Sulfonic acids, C14-17-sec-alkane, sodi biod ce uation ation/classification Alcohols, C12-14, ethoxylated, sulfates, salts bies hod ce uation sodium p-cumenesulphonate bies hod ce	rabbit OECD 405 ECHA irritant Based on av sodium rabbit OECD 405 ECHA strongly irrita rabbit OECD 405 ECHA	97489-15-1 ailable data, the 68891-38-3	classificatio	307-055-2 on criteria are met. 500-234-8
Meth Sour Eval Eval Spec Meth Sour Spec Meth Sour Spec Spec	Sulfonic acids, C14-17-sec-alkane, sodi cies nod ce uation ation/classification Alcohols, C12-14, ethoxylated, sulfates, salts cies nod ce uation Sodium p-cumenesulphonate cies nod ce uation	rabbit OECD 405 ECHA irritant Based on av sodium rabbit OECD 405 ECHA strongly irrita rabbit OECD 405	97489-15-1 ailable data, the 68891-38-3	classificatio	307-055-2 on criteria are met. 500-234-8
Vieth Sour Eval Eval Spec Meth Sour Eval Spec Meth Sour Eval	Sulfonic acids, C14-17-sec-alkane, sodi biod ce uation ation/classification Alcohols, C12-14, ethoxylated, sulfates, salts cies nod ce uation sodium p-cumenesulphonate cies nod ce uation sodium p-cumenesulphonate cies nod ce uation biratory or skin sensitisation	rabbit OECD 405 ECHA irritant Based on av sodium rabbit OECD 405 ECHA strongly irrita rabbit OECD 405 ECHA	97489-15-1 ailable data, the 68891-38-3 ant 15763-76-5	classificatio	307-055-2 on criteria are met. 500-234-8 239-854-6
Vieth Souri Eval Eval Eval Spece Meth Souri Eval Spece Vieth Souri Eval Res No	Sulfonic acids, C14-17-sec-alkane, sodi biod ce uation ation/classification Alcohols, C12-14, ethoxylated, sulfates, salts cies nod ce uation sodium p-cumenesulphonate cies nod ce uation piratory or skin sensitisation Substance name	rabbit OECD 405 ECHA irritant Based on av sodium rabbit OECD 405 ECHA strongly irrita rabbit OECD 405 ECHA irritant	97489-15-1 ailable data, the 68891-38-3 ant 15763-76-5 CAS no.	classificatio	307-055-2 on criteria are met. 500-234-8 239-854-6 EC no.
Meth Sour Eval Eval Spec Meth Sour Eval Spec Meth Sour Eval Res No	Sulfonic acids, C14-17-sec-alkane, sodi biod ce uation ation/classification Alcohols, C12-14, ethoxylated, sulfates, salts cies nod ce uation sodium p-cumenesulphonate cies nod ce uation sodium p-cumenesulphonate cies nod ce uation biratory or skin sensitisation	rabbit OECD 405 ECHA irritant Based on av sodium rabbit OECD 405 ECHA strongly irrita rabbit OECD 405 ECHA irritant	97489-15-1 ailable data, the 68891-38-3 ant 15763-76-5	classificatio	307-055-2 on criteria are met. 500-234-8 239-854-6
Meth Souri Eval Eval Eval Spec Meth Souri Eval Spec Meth Souri Eval Res No	Sulfonic acids, C14-17-sec-alkane, sodi cies nod ce uation Alcohols, C12-14, ethoxylated, sulfates, salts cies nod ce uation sodium p-cumenesulphonate cies nod ce uation sodium p-cumenesulphonate cies nod ce uation sodium p-cumenesulphonate cies nod ce uation Substance name Alcohols, C12-14, ethoxylated, sulfates,	rabbit OECD 405 ECHA irritant Based on av sodium rabbit OECD 405 ECHA strongly irrita rabbit OECD 405 ECHA irritant	97489-15-1 ailable data, the 68891-38-3 ant 15763-76-5 CAS no.	classificatio	307-055-2 on criteria are met. 500-234-8 239-854-6 EC no.
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Vieth Sour Eval Eval Spece Weth Sour Eval Spece Vieth Sour Eval Spece No I Res No I	Sulfonic acids, C14-17-sec-alkane, sodi cies nod ce uation Alcohols, C12-14, ethoxylated, sulfates, salts cies nod ce uation sodium p-cumenesulphonate cies nod ce uation piratory or skin sensitisation Substance name Alcohols, C12-14, ethoxylated, sulfates, salts ce of exposure cies	rabbit OECD 405 ECHA irritant Based on av sodium rabbit OECD 405 ECHA strongly irrita rabbit OECD 405 ECHA irritant sodium Skin guinea pig	97489-15-1 ailable data, the 68891-38-3 ant 15763-76-5 CAS no.	classificatio	307-055-2 on criteria are met. 500-234-8 239-854-6 EC no.
Vieth Sour Eval Eval Spece Vieth Sour Eval Spece Vieth Sour Eval Spece Vieth Sour Eval Spece Vieth Sour Eval Spece Vieth Sour Eval Eval Eval Eval Eval Eval Eval Eval	Sulfonic acids, C14-17-sec-alkane, sodi cies nod ce uation Alcohols, C12-14, ethoxylated, sulfates, salts cies nod ce uation sodium p-cumenesulphonate cies nod ce uation piratory or skin sensitisation Substance name Alcohols, C12-14, ethoxylated, sulfates, salts te of exposure cies nod	rabbit OECD 405 ECHA irritant Based on av sodium rabbit OECD 405 ECHA strongly irrita rabbit OECD 405 ECHA irritant sodium Skin guinea pig OECD 406	97489-15-1 ailable data, the 68891-38-3 ant 15763-76-5 CAS no.	classificatio	307-055-2 on criteria are met. 500-234-8 239-854-6 EC no.
Vieth Sour Eval Eval Spece Meth Sour Eval Spece Vieth Sour Eval Spece Vieth Sour Eval Spece Vieth Sour Eval Spece Vieth Sour Eval Spece Vieth Sour Eval Spece Spece Vieth Sour Eval Spece	Sulfonic acids, C14-17-sec-alkane, sodi cies nod ce uation Alcohols, C12-14, ethoxylated, sulfates, salts cies nod ce uation sodium p-cumenesulphonate cies nod ce uation piratory or skin sensitisation Substance name Alcohols, C12-14, ethoxylated, sulfates, salts te of exposure cies nod ce	rabbit OECD 405 ECHA irritant Based on av sodium rabbit OECD 405 ECHA strongly irrita rabbit OECD 405 ECHA irritant sodium Skin guinea pig OECD 406 ECHA	97489-15-1 ailable data, the 68891-38-3 ant 15763-76-5 CAS no. 68891-38-3	classificatio	307-055-2 on criteria are met. 500-234-8 239-854-6 EC no.
Vieth Sour Eval Spec Weth Sour Eval Spec Vieth Sour Eval Res No I Rout Spec Vieth Sour Eval	Sulfonic acids, C14-17-sec-alkane, sodi cies nod ce uation Alcohols, C12-14, ethoxylated, sulfates, salts cies nod ce uation sodium p-cumenesulphonate cies nod ce uation piratory or skin sensitisation Substance name Alcohols, C12-14, ethoxylated, sulfates, salts te of exposure cies nod ce uation	rabbit OECD 405 ECHA irritant Based on av sodium rabbit OECD 405 ECHA strongly irrita rabbit OECD 405 ECHA irritant sodium Skin guinea pig OECD 406	97489-15-1 ailable data, the 68891-38-3 ant 15763-76-5 CAS no. 68891-38-3		307-055-2 on criteria are met. 500-234-8 239-854-6 EC no. 500-234-8
Vieth Sour Eval Spec Weth Sour Eval Spec Vieth Sour Eval Res No I Res Spec Vieth Sour Eval Spec Vieth Sour Eval Spec Spec Spec Spec Spec Spec Spec Spec	Sulfonic acids, C14-17-sec-alkane, sodi cies nod ce uation Alcohols, C12-14, ethoxylated, sulfates, salts cies nod ce uation sodium p-cumenesulphonate cies nod ce uation piratory or skin sensitisation Substance name Alcohols, C12-14, ethoxylated, sulfates, salts e of exposure cies nod ce uation Substance name Alcohols, C12-14, ethoxylated, sulfates, salts	rabbit OECD 405 ECHA irritant Based on av sodium rabbit OECD 405 ECHA strongly irrita rabbit OECD 405 ECHA irritant sodium Skin guinea pig OECD 406 ECHA non-sensitizi	97489-15-1 ailable data, the 68891-38-3 ant 15763-76-5 CAS no. 68891-38-3		307-055-2 on criteria are met. 500-234-8 239-854-6 EC no.
Vieth Sour Eval Eval Spec Meth Sour Eval Spec Vieth Sour Eval Res No 1 Rout Spec Vieth Sour Eval Spec Vieth Sour Eval Eval Eval Eval Eval Eval Eval Eval	Sulfonic acids, C14-17-sec-alkane, sodi biological uation (classification) Alcohols, C12-14, ethoxylated, sulfates, salts bies nod ce uation sodium p-cumenesulphonate bies nod ce uation piratory or skin sensitisation Substance name Alcohols, C12-14, ethoxylated, sulfates, salts e of exposure bies nod ce uation Substance name Alcohols, C12-14, ethoxylated, sulfates, salts e of exposure bies nod ce uation Substance name Alcohols, C12-14, ethoxylated, sulfates, salts e of exposure bies nod ce uation Substance name Alcohols, C12-14, ethoxylated, sulfates, salts e of exposure bies nod ce uation sodium p-cumenesulphonate te of exposure	rabbit OECD 405 ECHA irritant Based on av sodium rabbit OECD 405 ECHA strongly irrita rabbit OECD 405 ECHA irritant sodium Skin guinea pig OECD 406 ECHA	97489-15-1 ailable data, the 68891-38-3 ant 15763-76-5 CAS no. 68891-38-3		307-055-2 on criteria are met. 500-234-8 239-854-6 EC no. 500-234-8

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de name: Active Foam Spring					
oduct no.: 320999					
rent version : 3.0.0, issued: 14.02.2022	Replac	Replaced version: 3.0.0, issued: 06.12.2021			
with reference to	CAS 2834	8-53-0			
Method	OECD 406	j			
Source	ECHA				
Evaluation	non-sensit	izing			
Germ cell mutagenicity					
No Substance name		CAS no.	EC no.		
1 Alcohols, C12-14, ethoxylated, sult salts		68891-38-3	500-234-8		
Source	ECHA				
Evaluation/classification	Based on a	available data, the class	ification criteria are not n	net.	
2 sodium p-cumenesulphonate		15763-76-5	239-854-6		
Type of examination		me aberration test			
with reference to	CAS 28348				
Method	OECD 474				
Source	ECHA				
Evaluation/classification	Based on a	available data, the class	ification criteria are not n	net.	
Reproduction toxicity					
No Substance name		CAS no.	EC no.		
1 Alcohols, C12-14, ethoxylated, sult salts	fates, sodium	68891-38-3	500-234-8		
Source	ECHA				
Evaluation/classification	Based on a	available data, the class	ification criteria are not n	net.	
Carcinogenicity					
No data available					
STOT - single exposure					
No data available					
STOT - repeated exposure					
No data available					
Aspiration hazard No data available					

Endocrine disrupting properties

No data available.

Other information

No data available.

SECTION 12: Ecological information

12.1 Toxicity

Toxi	Toxicity to fish (acute)					
No	Substance name		CAS no.		EC no.	
1	Sulfonic acids, C14-17-sec-alkane, sodiu	um salts	97489-15-1		307-055-2	
LC5	0			8.4	mg/l	
Dura	ation of exposure			96	h	
Spee	Species		us melanotus			
Meth	nod	440/2008/EC	C.1.			
Sour	rce	ECHA				
2	Alcohols, C12-14, ethoxylated, sulfates,	sodium	68891-38-3		500-234-8	
	salts					
LC5	0			7.1	mg/l	
Duration of exposure				96	h	
Spee	cies	Danio rerio				

	name: Active Foam Spring ht no.: 320999					
	rersion : 3.0.0, issued: 14.02.2022	Replace	ed version: 3.0.0, is	sued: 06.12	2.2021	Region: (
Meth Sour		OECD 203 ECHA				
		120.00				
	icity to fish (chronic)		010		=0	
NO 1	Substance name Sulfonic acids, C14-17-sec-alkane, se		CAS no. 97489-15-1		EC no. 307-055-2	
NOE		odium saits	97489-15-1	1.4		
Spec		Oncorhync	hue mykiee	1.4	mg/l	
Meth		OECD 204				
Sour		ECHA				
Toxi	icity to Daphnia (acute)					
	Substance name		CAS no.		EC no.	
1	Sulfonic acids, C14-17-sec-alkane, se	odium salts	97489-15-1		307-055-2	
EC5	0 ation of exposure			7.26 48	mg/l h	
Spec		Daphnia m	adna	-0	11	
Meth		OECD 202				
Sour		ECHA				
2	Alcohols, C12-14, ethoxylated, sulfat		68891-38-3		500-234-8	
EC5	salts			7.4	ma/l	
	ation of exposure			48	mg/l h	
Spec		Daphnia m	adna	40	11	
Meth		OECD 202				
Sour		ECHA				
		1				
	icity to Daphnia (chronic) Substance name		CAS no.		EC no.	
	Sulfonic acids, C14-17-sec-alkane, se	odium salts	97489-15-1		307-055-2	
NOE			01400-10-1	1.0	mg/l	
Spec		Daphnia m	adna	1.0	iiig/i	
Meth		OECD 202				
Sour		ECHA				
Toxi	icity to algae (acute)					
	Substance name		CAS no.		EC no.	
	Sulfonic acids, C14-17-sec-alkane, se	odium salts	97489-15-1		307-055-2	
EC5	50	>		100	mg/l	
	ation of exposure			72	h	
Spec	cies	Scenedesn	nus subspicatus			
Meth	hod	OECD 201				
Sour		ECHA				
2	Alcohols, C12-14, ethoxylated, sulfat salts	tes, sodium	68891-38-3		500-234-8	
ErC	50			27.7	mg/l	
	ation of exposure			72	h	
Spec			mus subspicatus			
Meth		OECD 201				
Sour	rce	ECHA				
	icity to algae (chronic)					
	Substance name		CAS no.		EC no.	
1	Alcohols, C12-14, ethoxylated, sulfat salts	tes, sodium	68891-38-3		500-234-8	
NOE				0.95	mg/l	
	ation of exposure			72	h	
Spec		Desmodes	mus subspicatus			
Meth		OECD 201				
	rce	ECHA				

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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	
Species		Pseudomona	as putida			
Met	hod	DIN 38412 T	.8			
Sou	rce	ECHA				

12.2 Persistence and degradability

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

12.3 Bioaccumulative potential

Part	Partition coefficient n-octanol/water (log value)					
No	Substance name		CAS no.		EC no.	
1	Sulfonic acids, C14-17-sec-alkane, sodiu	um salts	97489-15-1		307-055-2	
log I	Pow			0.2		
Refe	erence temperature			20	°C	
Met	hod	92/69/EEC,	A.8			
Sou	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	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

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

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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

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

XVII.

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.

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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)

H302	Harmful if swallowed.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H400	Very toxic to aquatic life.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful 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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