

**Trade name:** Active Foam X-Mas**Product no.:** 293999**Current version :** 1.0.0, issued: 27.08.2020**Replaced version:** -, issued: -**Region:** IE**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1 Product identifier****Trade name****Active Foam X-Mas****1.2 Relevant identified uses of the substance or mixture and uses advised against****Relevant identified uses of the substance or mixture**

heavyduty detergent

**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**

+353 1 809 2166 (National Poisons Information Centre)

**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

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:**

Sulfonic acids, C14-17-sec-alkane, sodium salts

cinnamaldehyde

Eugenol

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H315 Causes skin irritation.  
 H317 May cause an allergic skin reaction.  
 H318 Causes serious eye damage.

**Precautionary statement(s)**

P261 Avoid breathing vapours/spray.  
 P280 Wear protective gloves/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.

**Supplemental label elements**

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

15-30% anionic surfactants

Perfumings

CINNAMAL

EUGENOL

BENZYL BENZOATE

COUMARIN

LINALOOL

LIMONENE

CINNAMYL ALCOHOL

BENZYL SALICYLATE

2-BROMO-2-NITROPROPANE-1,3-DIOL

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>Sulfonic acids, C14-17-sec-alkane, sodium salts</b>		
	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	
2	<b>Alcohols, C12-14, ethoxylated, sulfates, sodium salts</b>		
	68891-38-3	Eye Dam. 1; H318	>= 5,00 - < 10,00 %-b.w.
	500-234-8	Skin Irrit. 2; H315	
	-	Aquatic Chronic 3; H412	

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	01-2119488639-16			
3	<b>sodium p-cumenesulphonate</b>			
	15763-76-5 239-854-6 - 01-2119489411-37	Eye Irrit. 2; H319	< 5,00	%-b.w.
4	<b>cinnamaldehyde</b>			
	104-55-2 203-213-9 - 01-2119935242-45	Acute Tox. 4; H312 Skin Irrit. 2; H315 Skin Sens. 1; H317 Eye Irrit. 2; H319	< 2,50	%-b.w.
5	<b>Eugenol</b>			
	97-53-0 202-589-1 - 01-2119971802-33	Eye Irrit. 2; H319 Skin Sens. 1B; H317	< 2,50	%-b.w.
6	<b>benzyl benzoate</b>		pls. refer to footnote (1)	
	120-51-4 204-402-9 607-085-00-9 -	Acute Tox. 4; H302 Aquatic Acute 1; H400 Aquatic Chronic 2; H411	< 0,50	%-b.w.
7	<b>bronopol</b>		pls. refer to footnote (1)	
	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	%-b.w.

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	-	Eye Irrit. 2; H319: C >= 10% Skin Irrit. 2; H315: C >= 10% Eye Dam. 1; H318: C >= 15% Acute Tox. 4; H302: C >= 60%	-	-
2	-	Eye Irrit. 2; H319: C >= 5% Eye Dam. 1; H318: C >= 10%	-	-
7	-	-	M = 10	-

## 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

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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 (CO<sub>2</sub>); Carbon monoxide (CO); 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. 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 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.

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**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, 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>Sulfonic acids, C14-17-sec-alkane, sodium salts</b>			<b>97489-15-1</b> <b>307-055-2</b>	
	dermal	Long term (chronic)	systemic	5	mg/kg/day
	dermal	Long term (chronic)	local	2,8	mg/cm <sup>2</sup>
	dermal	Short term (acut)	local	2,8	mg/cm <sup>2</sup>
	inhalative	Long term (chronic)	systemic	35	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>
3	<b>sodium p-cumenesulphonate</b>			<b>15763-76-5</b> <b>239-854-6</b>	
	dermal	Long term (chronic)	systemic	7,6	mg/kg/day
	inhalative	Long term (chronic)	systemic	53,6	mg/m <sup>3</sup>
4	<b>cinnamaldehyde</b>			<b>104-55-2</b> <b>203-213-9</b>	
	dermal	Long term (chronic)	systemic	1,562	mg/kg/day
	dermal	Short term (acut)	systemic	4,68	mg/kg/day
	inhalative	Long term (chronic)	systemic	21,878	mg/m <sup>3</sup>
	inhalative	Short term (acut)	systemic	65,63	mg/m <sup>3</sup>

**DNEL value (consumer)**

No	Substance name			CAS / EC no	
	Route of exposure	Exposure time	Effect	Value	
1	<b>Sulfonic acids, C14-17-sec-alkane, sodium salts</b>			<b>97489-15-1</b> <b>307-055-2</b>	
	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 <sup>2</sup>
	dermal	Short term (acut)	local	2,8	mg/cm <sup>2</sup>
	inhalative	Long term (chronic)	systemic	12,4	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

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	dermal	Long term (chronic)	local	79	µg/cm <sup>2</sup>
	inhalative	Long term (chronic)	systemic	52	mg/m <sup>3</sup>
3	<b>sodium p-cumenesulphonate</b>			<b>15763-76-5</b> <b>239-854-6</b>	
	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/m <sup>3</sup>
4	<b>cinnamaldehyde</b>			<b>104-55-2</b> <b>203-213-9</b>	
	oral	Long term (chronic)	systemic	2,083	mg/kg/day
	oral	Short term (acut)	systemic	6,25	mg/kg/day
	dermal	Long term (chronic)	systemic	0,186	mg/kg/day
	dermal	Short term (acut)	systemic	0,56	mg/kg/day
	inhalative	Long term (chronic)	systemic	2,605	mg/m <sup>3</sup>
	inhalative	Short term (acut)	systemic	7,8	mg/m <sup>3</sup>

**PNEC values**

No	Substance name		CAS / EC no
	ecological compartment	Type	Value
1	<b>Sulfonic acids, C14-17-sec-alkane, sodium salts</b>		<b>97489-15-1</b> <b>307-055-2</b>
	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	<b>Alcohols, C12-14, ethoxylated, sulfates, sodium salts</b>		<b>68891-38-3</b> <b>500-234-8</b>
	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
3	<b>sodium p-cumenesulphonate</b>		<b>15763-76-5</b> <b>239-854-6</b>
	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**

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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	nitrile		
Material thickness	>	0,4	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**

<b>Form/Colour</b>	
liquid	
yellow; brown	
<b>Odour</b>	
characteristic	
<b>Odour threshold</b>	
No data available	
<b>pH value</b>	
Value	8,5
<b>Boiling point / boiling range</b>	
No data available	
<b>Melting point / melting range</b>	
No data available	
<b>Decomposition point / decomposition range</b>	
No data available	
<b>Flash point</b>	
No data available	
<b>Auto-ignition temperature</b>	
No data available	
<b>Oxidising properties</b>	
not oxidizing	
<b>Explosive properties</b>	
The product does not have explosive properties.	
<b>Flammability (solid, gas)</b>	
No data available	
<b>Lower flammability or explosive limits</b>	

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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**

Value	1,03	g/cm <sup>3</sup>
Reference temperature	20	°C

**Solubility in water**

Comments	soluble
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**Solubility(ies)**

No data available

**Partition coefficient: n-octanol/water**

No	Substance name	CAS no.	EC no.
1	Sulfonic acids, C14-17-sec-alkane, sodium salts	97489-15-1	307-055-2
	log Pow	0,2	
	Reference temperature	20	°C
	Method	92/69/EEC, A.8	
	Source	ECHA	
2	cinnamaldehyde	104-55-2	203-213-9
	log Pow	2,107	
	Reference temperature	25	°C
	Method	OECD 117	
	Source	ECHA	

**Viscosity**

No data available

**9.2 Other information****Other information**

No data available.

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

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**

strong acids; Alkalis; Oxidizing agents



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**10.6 Hazardous decomposition products**

None, if handled according to intended use.

**SECTION 11: Toxicological information****11.1 Information on toxicological effects**

Acute oral toxicity (result of the ATE calculation for the mixture)	
No	Product Name
1	Active Foam X-Mas
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	Sulfonic acids, C14-17-sec-alkane, sodium salts	97489-15-1	307-055-2
LD50		500	2000 mg/kg bodyweight
Species		rat	
Method		OECD 401	
Source		ECHA	
Evaluation/classification		Based on available data, the classification criteria are met.	
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	
3	sodium p-cumenesulphonate	15763-76-5	239-854-6
LD50		>	7000 mg/kg bodyweight
Species		rat	
with reference to		CAS 28348-53-0	
Method		OECD 401	
Source		ECHA	
4	cinnamaldehyde	104-55-2	203-213-9
LD50		2220	mg/kg bodyweight
Species		rat	
Method		OECD 420	
Source		ECHA	

Acute dermal toxicity (result of the ATE calculation for the mixture)	
No	Product Name
1	Active Foam X-Mas
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 dermal > 2000 mg/kg).

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	

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2	sodium p-cumenesulphonate	15763-76-5	239-854-6
LD50	>	2000	mg/kg bodyweight
Species	rabbit		
with reference to	CAS 28348-53-0		
Method	OECD 402		
Source	ECHA		

Acute inhalational toxicity			
No	Substance name	CAS no.	EC no.
1	sodium p-cumenesulphonate	15763-76-5	239-854-6
LC50	>	6,41	mg/l
Duration of exposure		4	h
State of aggregation	Dust/mist		
Species	rat		
with reference to	CAS 28348-53-0		
Source	ECHA		

Skin corrosion/irritation			
No	Substance name	CAS no.	EC no.
1	Alcohols, C12-14, ethoxylated, sulfates, sodium salts	68891-38-3	500-234-8
Species	rabbit		
Method	OECD 404		
Source	ECHA		
Evaluation	irritant		
2	sodium p-cumenesulphonate	15763-76-5	239-854-6
Species	rabbit		
with reference to	CAS 28348-53-0		
Method	OECD 404		
Source	ECHA		
Evaluation	low-irritant		
Evaluation/classification	Based on available data, the classification criteria are not met.		

Serious eye damage/irritation			
No	Substance name	CAS no.	EC no.
1	Sulfonic acids, C14-17-sec-alkane, sodium salts	97489-15-1	307-055-2
Species	rabbit		
Method	OECD 405		
Source	ECHA		
Evaluation	irritant		
Evaluation/classification	Based on available data, the classification criteria are met.		
2	Alcohols, C12-14, ethoxylated, sulfates, sodium salts	68891-38-3	500-234-8
Species	rabbit		
Method	OECD 405		
Source	ECHA		
Evaluation	strongly irritant		
3	sodium p-cumenesulphonate	15763-76-5	239-854-6
Species	rabbit		
Method	OECD 405		
Source	ECHA		
Evaluation	irritant		
4	cinnamaldehyde	104-55-2	203-213-9
Species	rabbit		
Method	OECD 405		
Source	ECHA		
Evaluation	irritant		
Evaluation/classification	Based on available data, the classification criteria are met.		

Respiratory or skin sensitisation			
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No	Substance name	CAS no.	EC no.
1	Alcohols, C12-14, ethoxylated, sulfates, sodium salts	68891-38-3	500-234-8
Route of exposure		Skin	
Species		guinea pig	
Method		OECD 406	
Source		ECHA	
Evaluation		non-sensitizing	
2	sodium p-cumenesulphonate	15763-76-5	239-854-6
Route of exposure		Skin	
Species		guinea pig	
with reference to		CAS 28348-53-0	
Method		OECD 406	
Source		ECHA	
Evaluation		non-sensitizing	

**Germ cell mutagenicity**

No	Substance name	CAS no.	EC no.
1	Alcohols, C12-14, ethoxylated, sulfates, sodium salts	68891-38-3	500-234-8
Source		ECHA	
Evaluation/classification		Based on available data, the classification criteria are not met.	
2	sodium p-cumenesulphonate	15763-76-5	239-854-6
Type of examination		Chromosome aberration test	
with reference to		CAS 28348-53-0	
Method		OECD 474	
Source		ECHA	
Evaluation/classification		Based on available data, the classification criteria are not met.	

**Reproduction toxicity**

No	Substance name	CAS no.	EC no.
1	Alcohols, C12-14, ethoxylated, sulfates, sodium salts	68891-38-3	500-234-8
Source		ECHA	
Evaluation/classification		Based on available data, the classification criteria are not met.	

**Carcinogenicity**

No data available

**STOT - single exposure**

No data available

**STOT - repeated exposure**

No	Substance name	CAS no.	EC no.
1	cinnamaldehyde	104-55-2	203-213-9
Route of exposure		oral	
Species		rat	
Method		OECD 408	
Source		ECHA	
Evaluation/classification		Based on available data, the classification criteria are not met.	

**Aspiration hazard**

No data available

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

Toxicity to fish (acute)			
No	Substance name	CAS no.	EC no.
1	Sulfonic acids, C14-17-sec-alkane, sodium salts	97489-15-1	307-055-2

**Trade name:** Active Foam X-Mas**Product no.:** 293999**Current version :** 1.0.0, issued: 27.08.2020**Replaced version:** -, issued: -**Region:** IE

LC50		8,4	mg/l
Duration of exposure		96	h
Species	Leuciscus idus melanotus		
Method	440/2008/EC C.1.		
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>3</b>	<b>cinnamaldehyde</b>	<b>104-55-2</b>	<b>203-213-9</b>
LC50	>	3,5	mg/l
Duration of exposure		96	h
Species	Poecilia reticulata		
Method	OECD 203		
Source	ECHA		

**Toxicity to fish (chronic)**

No	Substance name	CAS no.	EC no.
1	Sulfonic acids, C14-17-sec-alkane, sodium salts	97489-15-1	307-055-2
NOEC		1,4	mg/l
Species	Oncorhynchus mykiss		
Method	OECD 204		
Source	ECHA		

**Toxicity to Daphnia (acute)**

No	Substance name	CAS no.	EC no.
1	Sulfonic acids, C14-17-sec-alkane, sodium salts	97489-15-1	307-055-2
EC50		7,26	mg/l
Duration of exposure		48	h
Species	Daphnia magna		
Method	OECD 202		
Source	ECHA		
<b>2</b>	<b>Alcohols, C12-14, ethoxylated, sulfates, sodium salts</b>	<b>68891-38-3</b>	<b>500-234-8</b>
EC50		7,4	mg/l
Duration of exposure		48	h
Species	Daphnia magna		
Method	OECD 202		
Source	ECHA		
<b>3</b>	<b>cinnamaldehyde</b>	<b>104-55-2</b>	<b>203-213-9</b>
EC50		3,21	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	Sulfonic acids, C14-17-sec-alkane, sodium salts	97489-15-1	307-055-2
NOEC		1,0	mg/l
Species	Daphnia magna		
Method	OECD 202		
Source	ECHA		

**Toxicity to algae (acute)**

No	Substance name	CAS no.	EC no.
1	Sulfonic acids, C14-17-sec-alkane, sodium salts	97489-15-1	307-055-2

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EC50	>	100	mg/l
Duration of exposure		72	h
Species	Scenedesmus subspicatus		
Method	OECD 201		
Source	ECHA		
<b>2</b>	<b>Alcohols, C12-14, ethoxylated, sulfates, sodium salts</b>	<b>68891-38-3</b>	<b>500-234-8</b>
ErC50		27,7	mg/l
Duration of exposure		72	h
Species	Desmodesmus subspicatus		
Method	OECD 201		
Source	ECHA		
<b>3</b>	<b>cinnamaldehyde</b>	<b>104-55-2</b>	<b>203-213-9</b>
EC50		31,6	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.
<b>1</b>	<b>Alcohols, C12-14, ethoxylated, sulfates, sodium salts</b>	<b>68891-38-3</b>	<b>500-234-8</b>
NOEC		0,95	mg/l
Duration of exposure		72	h
Species	Desmodesmus subspicatus		
Method	OECD 201		
Source	ECHA		

**Bacteria toxicity**

No	Substance name	CAS no.	EC no.
<b>1</b>	<b>Alcohols, C12-14, ethoxylated, sulfates, sodium salts</b>	<b>68891-38-3</b>	<b>500-234-8</b>
EC50	>	10000	mg/l
Duration of exposure		16	h
Species	Pseudomonas putida		
Method	DIN 38412 T.8		
Source	ECHA		
<b>2</b>	<b>cinnamaldehyde</b>	<b>104-55-2</b>	<b>203-213-9</b>
IC50		71	mg/l
Duration of exposure		3	h
Species	activated sludge		
Method	ISO 8192		
Source	ECHA		

**12.2 Persistence and degradability**

<b>Biodegradability</b>			
No	Substance name	CAS no.	EC no.
<b>1</b>	<b>Alcohols, C12-14, ethoxylated, sulfates, sodium salts</b>	<b>68891-38-3</b>	<b>500-234-8</b>
Type	DOC decrease		
Value		100	%
Duration		14	day(s)
Source	ECHA		
Evaluation	readily biodegradable		

**12.3 Bioaccumulative potential**

<b>Partition coefficient: n-octanol/water</b>			
No	Substance name	CAS no.	EC no.

**Trade name:** Active Foam X-Mas**Product no.:** 293999**Current version :** 1.0.0, issued: 27.08.2020**Replaced version:** -, issued: -**Region:** IE

1	Sulfonic acids, C14-17-sec-alkane, sodium salts	97489-15-1	307-055-2
log Pow		0,2	
Reference temperature		20	°C
Method	92/69/EEC, A.8		
Source	ECHA		
2	cinnamaldehyde	104-55-2	203-213-9
log Pow		2,107	
Reference temperature		25	°C
Method	OECD 117		
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 Other adverse effects**

No data available.

**12.7 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**

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.

**Trade name:** Active Foam X-Mas**Product no.:** 293999**Current version :** 1.0.0, issued: 27.08.2020**Replaced version:** -, issued: -**Region:** IE**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.	No 3
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**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.

**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.
H312	Harmful in contact with skin.
H319	Causes serious eye irritation.
H335	May cause respiratory 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.

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**Trade name:** Active Foam X-Mas

**Product no.:** 293999

**Current version :** 1.0.0, issued: 27.08.2020

**Replaced version:** -, issued: -

**Region:** IE

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**Creation of the safety data sheet**

UMCO GmbH - D-21107 Hamburg, Georg-Wilhelm-Strasse 187, Tel.: +49(40)555 546 300, Fax: +49(40)555 546 357, e-mail: [umco@umco.de](mailto:umco@umco.de)

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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