Trade name: Power-Schaum

Product no.: 250999

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

1.1 Product identifier

Trade name

Power-Schaum

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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Hazard statement(s)

H315 Causes skin irritation. H318 Causes serious eye damage.

Precautionary statement(s)

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.

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		Addit	ional information	on	
	CAS / EC / Index /	Classification (EC) 1272/2008 (CLP)	Conc	entration		%
	REACH no					
1	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				
2	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					

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 >= 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%		

SECTION 4: First aid measures

4.1 Description of first aid measures

General information

Remove contaminated clothing and shoes immediately, and launder thoroughly before reusing. In case of persisting

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adverse effects, consult a physician.

After inhalation

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

After skin contact

Wash immediately with plenty of water for several minutes. Consult a doctor if skin irritation persists.

After eve 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.

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

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

5.3 Advice for firefighters

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

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

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

For emergency responders

Personal protective equipment (PPE) - see section 8.

6.2 Environmental precautions

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

6.3 Methods and material for containment and cleaning up

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

6.4 Reference to other sections

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

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advice on safe handling

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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. Keep from freezing.

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	Sulfonic acids, C14-17-sec-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
2	Alcohols, C12-14, ethoxy	lated, sulfates, sodium sal	ts	68891-38-3	
				500-234-8	
	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

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/cm²
	inhalative	Long term (chronic)	systemic	12.4	mg/m³
2	Alcohols, C12-14, ethoxy	lated, sulfates, sodium sal	ts	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

EU safety data sheet

KochChemie® ExcellenceForExperts.

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PNEC values

No	Substance name			CAS / EC no		
	ecological compartment	Туре	Value			
1	Sulfonic acids, C14-17-sec-alkane, soc	lium 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		
2	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	0.917	mg/kg dry		
				weight		
	water	marine water sediment	0.092	mg/kg dry		
				weight		
	soil	-	7.5	mg/kg dry		
				weight		
	sewage treatment plant	-	10	g/L		

8.2 Exposure controls

Appropriate engineering controls

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

Personal protective equipment

Respiratory protection

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

Eye / face protection

Tightly fitting safety glasses (EN 166).

Hand protection

Sufficient protection is given wearing suitable protective gloves checked according to i.e. EN 374, in the event of risk of skin contact with the product. Before use, the protective gloves should be tested in any case for its specific 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 controls

No data available.

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SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Form/Colour	
iquid	
yellow	

Odour of lemon

Odour threshold
No data available

pH valueValue9.5

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
not oxidizing

Explosive properties
Product does not present an explosion hazard.

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

Density1.03g/cm³Value20°C

Solubility in water

Comments miscible

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S	60	luk	oil	ity	(ies	;)
-		_				-

No data available

Part	Partition 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		
Method		92/69/EEC, A.	8				
Soul	rce	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

Keep from freezing.

10.5 Incompatible materials

strong oxidizing agents; strong acids

10.6 Hazardous decomposition products

No hazardous decomposition products known.

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	Power-Schaum	Power-Schaum Power-Schaum				
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	Sulfonic acids, C14-17-sec-alkane, sodi	um salts	97489-15-1		307-055-2
LD5	0	500	-	2000	mg/kg bodyweight
Spec	cies	rat			
Meth	nod	OECD 401			
Soul	rce	ECHA			
Eval	uation/classification	Based on ava	ailable data, the	classification	criteria are met.
2	Alcohols, C12-14, ethoxylated, sulfates,	sodium	68891-38-3		500-234-8
	salts				

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LD50		4100	mg/kg bodyweight
Species	rat		
Method	OECD 401		
Source	ECHA		

Acu	te dermal toxicity				
No	Substance name		CAS no.		EC no.
1	Alcohols, C12-14, ethoxylated, sulfates,	sodium	68891-38-3		500-234-8
	salts				
LD5	0	>		2000	mg/kg bodyweight
Spe	cies	rat			
Meth	hod	OECD 402			
Soul	rce	ECHA			

Acute inhalational toxicity No data available

Skir	Skin corrosion/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 404					
Soul	Source						
Eval	uation	irritant					

Seri	ous eye damage/irritation					
No	Substance name		CAS no.	EC no.		
1	Sulfonic acids, C14-17-sec-alkane, sodi	um salts	97489-15-1	307-055-2		
Spe	cies	rabbit				
Metl	nod	OECD 405				
Sou	rce	ECHA				
Eval	uation	irritant				
Eval	uation/classification	Based on available data, the classification criteria are met.				
2	Alcohols, C12-14, ethoxylated, sulfates,	sodium	68891-38-3	500-234-8		
	salts					
Spe	cies	rabbit				
Metl	nod	OECD 405				
Sou	rce	ECHA				
Eval	uation	strongly irrita	nt			

Res	Respiratory or skin sensitisation						
No	Substance name		CAS no.	EC no.			
1	Alcohols, C12-14, ethoxylated, sulfates,	sodium	68891-38-3	500-234-8			
	salts						
Rou	te of exposure	Skin					
Spec	cies	guinea pig					
Meth	nod	OECD 406					
Soul	Source						
Eval	uation	non-sensitizii	ng				

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

Rep	roduction toxicity		
No	Substance name	CAS no.	EC no.
1	Alcohols, C12-14, ethoxylated, sulfates, sodium	68891-38-3	500-234-8

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	salts	
Soul	rce	ECHA
Eval	uation/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 data available

Aspiration hazard
No data available

SECTION 12: Ecological information

12.1 Toxicity

Toxi	city to fish (acute)					
No	Substance name		CAS no.		EC no.	
1	Sulfonic acids, C14-17-sec-alkane, sodiu	ım salts	97489-15-1		307-055-2	
LC5	0			8.4	mg/l	
Dura	ation of exposure			96	h	
Spec	cies	Leuciscus idu	us melanotus			
Meth	nod	440/2008/EC	C.1.			
Soul	rce	ECHA				
2	Alcohols, C12-14, ethoxylated, sulfates,	sodium	68891-38-3		500-234-8	
	salts					
LC5	0			7.1	mg/l	
Dura	ation of exposure			96	h	
Spec	cies	Danio rerio				
Meth	nod	OECD 203				
Soul	rce	ECHA				

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	C			1.4	mg/l	
Spe	cies	Oncorhync	hus mykiss			
Meth	nod	OECD 204				
Soul	rce	ECHA				

Toxicity to Daphnia (acute)					
No Substance name		CAS no.		EC no.	
1 Sulfonic acids, C14-17-sec-alkane, sodi	um salts	97489-15-1		307-055-2	
EC50			7.26	mg/l	
Duration of exposure			48	h	
Species	Daphnia mag	jna			
Method	OECD 202				
Source	ECHA				
2 Alcohols, C12-14, ethoxylated, sulfates,	sodium	68891-38-3		500-234-8	
salts					
EC50			7.4	mg/l	
Duration of exposure			48	h	
Species	Daphnia mag	jna			
Method	OECD 202				
Source	ECHA				

Toxicity to Daphnia (chronic)

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No	Substance name		CAS no.		EC no.	
1	Sulfonic acids, C14-17-sec-alkane, sodiu	ım salts	97489-15-1		307-055-2	
NOE	EC			1.0	mg/l	
Spec	cies	Daphnia mag	gna			
Meth	Method OECD 202					
Sou	rce	ECHA				

Toxi	city to algae (acute)					
No	Substance name		CAS no.		EC no.	
1	Sulfonic acids, C14-17-sec-alkane, sodiu	ım salts	97489-15-1		307-055-2	
EC5	0	>		100	mg/l	
Dura	ation of exposure			72	h	
			us subspicatus			
Meth		OECD 201				
Soul		ECHA				
2	Alcohols, C12-14, ethoxylated, sulfates,	sodium	68891-38-3		500-234-8	
	salts					
ErC:	50			27.7	mg/l	
Dura	ation of exposure			72	h	
Species		Desmodesm	us subspicatus			
Meth	nod	OECD 201	·			
Soul	-ce	ECHA				

Toxi	Toxicity to algae (chronic)					
No	Substance name		CAS no.		EC no.	
1	Alcohols, C12-14, ethoxylated, sulfates,	sodium	68891-38-3		500-234-8	
	salts					
NOE	EC			0.95	mg/l	
Dura	ation of exposure			72	h	
Species		Desmodesn	nus subspicatus			
Method		OECD 201				
Soul	rce	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	50	>		10000	mg/l	
Dura	ation of exposure			16	h	
Species		Pseudomona	is putida			
Method		DIN 38412 T	.8			
Soul	rce	ECHA				

12.2 Persistence and degradability

Biod	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			
Value				100	%	
Duration				14	day(s)	
Source		ECHA				
Evaluation		readily biode	gradable			

12.3 Bioaccumulative potential

Part	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			

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Reference temperature		20	°C
Method	92/69/EEC, A.8		
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.

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



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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

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.

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.

H412 Harmful to aquatic life with long lasting effects.

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

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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Prod-ID 769424

EU safety data sheet

KochChemie° ExcellenceForExperts.

Trade name: Power-Schaum

Product no.: 250999

Current version: 1.1.0, issued: 19.10.2020 Region: 1.0.0, issued: 24.09.2020 Region: GB