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Safety data sheet according to Regulation (EC) No 1907/2006, Annex II

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

1.1 Product identifier

(GB)

Tyre Fitting Paste Black S432 5 kg Art.: 6580 5952, Art.: 6584 5952

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

Uses advised against: No information available at present.

1.3 Details of the supplier of the safety data sheet

Theo Förch GmbH & Co. KG Theo-Förch-Str. 11 – 15 74196 Neuenstadt Tel.: 07139/95-0 Fax: 07139/95-199 Email: info@foerch.de Homepage: www.foerch.com

Details of the supplier of the safety data sheet see section 16 of this safety data sheet.

Qualified person's e-mail address: info@chemical-check.de, k.schnurbusch@chemical-check.de Please DO NOT use for requesting Safety Data Sheets.

1.4 Emergency telephone number Emergency information services / official advisory body:

Telephone number of the company in case of emergencies:

+49 (0) 700 / 24 112 112 (TFC)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture Classification according to Regulation (EC) 1272/2008 (CLP) The mixture is not classified as dangerous in the terms of the Regulation (EC) 1272/2008 (CLP).

2.2 Label elements Labeling according to Regulation (EC) 1272/2008 (CLP)

EUH210-Safety data sheet available on request.

2.3 Other hazards

The mixture does not contain any vPvB substance (vPvB = very persistent, very bioaccumulative) or is not included under XIII of the regulation (EC) 1907/2006 (< 0.1 %).

The mixture does not contain any PBT substance (PBT = persistent, bioaccumulative, toxic) or is not included under XIII of the regulation (EC) 1907/2006 (< 0,1 %).

The mixture does not contain any substance with endocrine disrupting properties (< 0,1 %).



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SECTION 3: Composition/information on ingredients

3.1 Substances

3.2 Mixtures

(GB)

Diethylene glycol	
Registration number (REACH)	01-2119457857-21-XXXX
Index	603-140-00-6
EINECS, ELINCS, NLP, REACH-IT List-No.	203-872-2
CAS	111-46-6
content %	1-<5
Classification according to Regulation (EC) 1272/2008 (CLP), M-factors	Acute Tox. 4, H302

For the text of the H-phrases and classification codes (GHS/CLP), see Section 16.

The substances named in this section are given with their actual, appropriate classification!

For substances that are listed in appendix VI, table 3.1 of the regulation (EC) no. 1272/2008 (CLP regulation) this means that all notes that may be given here for the named classification have been taken into account.

SECTION 4: First aid measures

4.1 Description of first aid measures

First-aiders should ensure they are protected!

Never pour anything into the mouth of an unconscious person!

Inhalation

Remove person from danger area.

Supply person with fresh air and consult doctor according to symptoms.

Skin contact

Wash thoroughly using copious water - remove contaminated clothing immediately. If skin irritation occurs (redness etc.), consult doctor.

Eye contact

Remove contact lenses.

Wash thoroughly for several minutes using copious water. Seek medical help if necessary.

Ingestion

Rinse the mouth thoroughly with water. Consult doctor immediately - keep Data Sheet available. Do not induce vomiting.

4.2 Most important symptoms and effects, both acute and delayed

If applicable delayed symptoms and effects can be found in section 11 and the absorption route in section 4.1.

The following may occur: Irritation of the eyes with long-term contact: Irritation of the skin. In certain cases, the symp

In certain cases, the symptoms of poisoning may only appear after an extended period / after several hours.

4.3 Indication of any immediate medical attention and special treatment needed

n.c.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

CO2 Extinction powder Water jet spray Alcohol resistant foam

Unsuitable extinguishing media

High volume water jet

5.2 Special hazards arising from the substance or mixture

In case of fire the following can develop: Oxides of carbon Toxic pyrolysis products.



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5.3 Advice for firefighters

For personal protective equipment see Section 8. In case of fire and/or explosion do not breathe fumes. Protective respirator with independent air supply. According to size of fire Full protection, if necessary. Dispose of contaminated extinction water according to official regulations.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

6.1.1 For non-emergency personnel

In case of spillage or accidental release, wear personal protective equipment as specified in section 8 to prevent contamination. Ensure sufficient ventilation, remove sources of ignition.

Avoid dust formation with solid or powder products.

Leave the danger zone if possible, use existing emergency plans if necessary.

Ensure sufficient supply of air.

Avoid inhalation, and contact with eyes or skin.

If applicable, caution - risk of slipping.

6.1.2 For emergency responders

See section 8 for suitable protective equipment and material specifications.

6.2 Environmental precautions

If leakage occurs, dam up.

Resolve leaks if this possible without risk.

Prevent from entering drainage system. Prevent surface and ground-water infiltration, as well as ground penetration.

If accidental entry into drainage system occurs, inform responsible authorities.

6.3 Methods and material for containment and cleaning up

Pick up mechanically and dispose of according to Section 13.

Or:

Soak up with absorbent material (e.g. universal binding agent, sand, diatomaceous earth, sawdust) and dispose of according to Section 13.

6.4 Reference to other sections

For personal protective equipment see Section 8 and for disposal instructions see Section 13.

SECTION 7: Handling and storage

In addition to information given in this section, relevant information can also be found in section 8 and 6.1.

7.1 Precautions for safe handling

7.1.1 General recommendations

Ensure good ventilation.

Avoid contact with eyes. Avoid long lasting or intensive contact with skin.

Eating, drinking, smoking, as well as food-storage, is prohibited in work-room.

Observe directions on label and instructions for use.

7.1.2 Notes on general hygiene measures at the workplace

General hygiene measures for the handling of chemicals are applicable.

Wash hands before breaks and at end of work.

Keep away from food, drink and animal feedingstuffs.

Remove contaminated clothing and protective equipment before entering areas in which food is consumed.

7.2 Conditions for safe storage, including any incompatibilities

Not to be stored in gangways or stair wells.

Store product closed and only in original packing. Store cool. Store in a dry place.

7.3 Specific end use(s)

No information available at present.

SECTION 8: Exposure controls/personal protection



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8.1 Control parameters

Chemical Name	Diethylene glycol	Content %:1-<5
WEL-TWA: 23 ppm (101 mg/m3)	WEL-STEL:	
Monitoring procedures:	 Draeger - Alcohol 100/a (CH 29 701) 	
BMGV:	Other information:	

Diethylene glycol Area of application	Exposure route /	Effect on health	Descriptor	Value	Unit	Note
	Environmental		Descriptor	Fuldo	0	
	compartment					
	Environment - freshwater		PNEC	10	mg/m3	
	Environment - marine		PNEC	1	mg/l	
	Environment - water,		PNEC	10	mg/l	
	sporadic (intermittent)		FNEC	10	ing/i	
	release					
			PNEC	20.0		
	Environment - sediment,		PNEC	20,9	mg/kg dw	
	freshwater		DNEO	4.50	and as the second second	
	Environment - soil		PNEC	1,53	mg/kg dw	
	Environment - sediment,		PNEC	2,09	mg/kg	
	marine					
	Environment - sewage		PNEC	199,5	mg/l	
	treatment plant					
Consumer	Human - dermal	Long term, systemic	DNEL	21	mg/kg	
		effects			bw/day	
Consumer	Human - inhalation	Long term, systemic	DNEL	12	mg/m3	
		effects				
Workers / employees	Human - dermal	Long term, systemic	DNEL	43	mg/kg	
		effects			bw/day	
Workers / employees	Human - inhalation	Long term, systemic	DNEL	44	mg/m3	
1 3		effects				

WEL-TWA = Workplace Exposure Limit - Long-term exposure limit (8-hour TWA (= time weighted average) reference period) EH40. AGW = "Arbeitsplatzgrenzwert" (workplace limit value, Germany).

(8) = Inhalable fraction (Directive 2017/164/EU, Directive 2004/37/CE). (9) = Respirable fraction (Directive 2017/164/EU, Directive 2004/37/CE). (11) = Inhalable fraction (Directive 2004/37/CE). (12) = Inhalable fraction. Respirable fraction in those Member States that implement, on the date of the entry into force of this Directive, a biomonitoring system with a biological limit value not exceeding 0,002 mg Cd/g creatinine in urine (Directive 2004/37/CE). | WEL-STEL = Workplace Exposure Limit - Short-term exposure limit (15-minute reference period).

(8) = Inhalable fraction (2017/164/EU, 2017/2398/EU). (9) = Respirable fraction (2017/164/EU), 2017/2398/EU). (10) = Short-term exposure limit value in relation to a reference period of 1 minute (2017/164/EU). | BMGV = Biological monitoring guidance value EH40. BGW = "Biologischer Grenzwert" (biological limit value, Germany) | Other information: Sen = Capable of causing occupational asthma. Sk = Can be absorbed through skin. Carc = Capable of causing cancer and/or heritable genetic damage.

** = The exposure limit for this substance is repealed through the TRGS 900 (Germany) of January 2006 with the goal of revision.

(13) = The substance can cause sensitisation of the skin and of the respiratory tract (Directive 2004/37/CE), (14) = The substance can cause sensitisation of the skin (Directive 2004/37/CE).

8.2 Exposure controls 8.2.1 Appropriate engineering controls

Ensure good ventilation. This can be achieved by local suction or general air extraction.

If this is insufficient to maintain the concentration under the WEL or AGW values, suitable breathing protection should be worn. Applies only if maximum permissible exposure values are listed here.

Suitable assessment methods for reviewing the effectiveness of protection measures adopted include metrological and non-metrological investigative techniques.

These are specified by e.g. EN 14042.

EN 14042 "Workplace atmospheres. Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents".

8.2.2 Individual protection measures, such as personal protective equipment

General hygiene measures for the handling of chemicals are applicable.

Wash hands before breaks and at end of work.

Keep away from food, drink and animal feedingstuffs.

Remove contaminated clothing and protective equipment before entering areas in which food is consumed.



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Eye/face protection: With danger of contact with eyes. Tight fitting protective goggles with side protection (EN 166).

Skin protection - Hand protection: Normally not necessary. Protective hand cream recommended. With long-term contact: Rubber gloves (EN ISO 374). Protective plastic gloves (EN ISO 374). Protective plastic gloves (EN ISO 374). Minimum layer thickness in mm: >= 0.4Permeation time (penetration time) in minutes: >= 480

The breakthrough times determined in accordance with EN 16523-1 were not obtained under practical conditions. The recommended maximum wearing time is 50% of breakthrough time.

Skin protection - Other: Protective working garments (e.g. safety shoes EN ISO 20345, long-sleeved protective working garments).

Respiratory protection: Normally not necessary.

Thermal hazards:

(GB)

If applicable, these are included in the individual protective measures (eye/face protection, skin protection, respiratory protection).

Additional information on hand protection - No tests have been performed.

In the case of mixtures, the selection has been made according to the knowledge available and the information about the contents. Selection of materials derived from glove manufacturer's indications.

Final selection of glove material must be made taking the breakthrough times, permeation rates and degradation into account. Selection of a suitable glove depends not only on the material but also on other quality characteristics and varies from manufacturer to manufacturer.

In the case of mixtures, the resistance of glove materials cannot be predicted and must therefore be tested before use. The exact breakthrough time of the glove material can be requested from the protective glove manufacturer and must be observed.

8.2.3 Environmental exposure controls

No information available at present.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state: Paste, Liquid Colour: According to specification Odour: Mild Melting point/freezing point: ~50 °C Boiling point or initial boiling point and boiling range: n.a. Flammability: Flammable Lower explosion limit: n.a. Upper explosion limit: n.a. ~240 °C (DIN 51376 (Cleveland, open cup)) Flash point: ~400 °C (DIN 51794) Auto-ignition temperature: Decomposition temperature: There is no information available on this parameter. ~8 (20°C, Emulsion) pH: Kinematic viscosity: There is no information available on this parameter. Solubility: Mixable Partition coefficient n-octanol/water (log value): Does not apply to mixtures. Vapour pressure: There is no information available on this parameter. Density and/or relative density: 1,06 g/cm3 (20°C) There is no information available on this parameter. Relative vapour density: Particle characteristics: Does not apply to liquids. 9.2 Other information Explosives: Product is not explosive. Oxidising liquids: No



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SECTION 10: Stability and reactivity

10.1 Reactivity

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The product has not been tested.

10.2 Chemical stability

Stable with proper storage and handling. 10.3 Possibility of hazardous reactions

No decomposition if used as intended.

10.4 Conditions to avoid

Stable when handled and stored correctly.

10.5 Incompatible materials

No dangerous reactions are known.

10.6 Hazardous decomposition products

No decomposition when used as directed.

SECTION 11: Toxicological information

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

Possibly more information on health effects, see Section 2.1 (classification).

Tyre Fitting Paste Black 5432							
5 kg Art.: 6580 5952, Art.: 6584 5952							
Toxicity / effect	Endpoint	Value	Unit	Organism	Test method	Notes	
Acute toxicity, by oral route:						n.d.a.	
Acute toxicity, by dermal route:						n.d.a.	
Acute toxicity, by inhalation:						n.d.a.	
Skin corrosion/irritation:						n.d.a.	
Serious eye damage/irritation:						n.d.a.	
Respiratory or skin						n.d.a.	
sensitisation:							
Germ cell mutagenicity:						n.d.a.	
Carcinogenicity:						n.d.a.	
Reproductive toxicity:						n.d.a.	
Specific target organ toxicity -						n.d.a.	
single exposure (STOT-SE):							
Specific target organ toxicity -						n.d.a.	
repeated exposure (STOT-RE):							
Aspiration hazard:						n.d.a.	
Symptoms:						n.d.a.	

Diethylene glycol						
Toxicity / effect	Endpoint	Value	Unit	Organism	Test method	Notes
Acute toxicity, by oral route:	LD50	12565	mg/kg	Rat		Does not conform with EU classification.
Acute toxicity, by dermal route:	LD50	11890	mg/kg	Rabbit		
Acute toxicity, by inhalation:	LC0	4,4-4,6	mg/l/4h	Rat		Does not conform with EU classification.
Skin corrosion/irritation:				Rabbit	OECD 404 (Acute Dermal Irritation/Corrosion)	Not irritant
Serious eye damage/irritation:						Mild irritant
Respiratory or skin sensitisation:				Guinea pig		Not sensitizising



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Symptoms:			acidosis,
			breathing
			difficulties,
			unconsciousness
			, diarrhoea,
			coughing,
			cramps, fatigue,
			mucous
			membrane
			irritation,
			dizziness,
			nausea and
			vomiting.,
			trembling

11.2. Information on other hazards

Tyre Fitting Paste Black S432 5 kg Art.: 6580 5952, Art.: 6584 5952						
Toxicity / effect	Endpoint	Value	Unit	Organism	Test method	Notes
Endocrine disrupting properties:						Does not apply
						to mixtures.
Other information:						No other
						relevant
						information
						available on
						adverse effects
						on health.

SECTION 12: Ecological information

12.3. Bioaccumulative potential: n.d.a. 12.4. Mobility in soil: n.d.a. 12.5. Results of PBT and VPVB assessment n.d.a. 12.6. Endocrine disrupting properties: Does not a to mixtures 12.7. Other adverse effects: No information: Other information: AOX Other information: DOC DOC DOC	Possibly more information on environmental effects, see Section 2.1 (classification).							
Toxicity / effectEndpointTimeValueUnitOrganismTest methodNotes12.1. Toxicity to fish:<								
12.1. Toxicity to fish: n.d.a. 12.1. Toxicity to daphnia: n.d.a. 12.2. Persistence and degradability: Bioaccumulative biodegrad. 12.3. Bioaccumulative potential: n.d.a. 12.4. Mobility in soil: n.d.a. 12.5. Results of PBT and VPVB assessment n.d.a. 12.6. Endocrine Does not a disrupting properties: 12.7. Other adverse effects: No information: Other information: AOX Other information: DOC Doc DOC-elimi degree(con ng organic substance 80%/28d:			Time	Value	Unit	Organism	Test method	Notes
12.1. Toxicity to daphnia: n.d.a. 12.1. Toxicity to algae: n.d.a. 12.1. Toxicity to algae: n.d.a. 12.2. Persistence and degradability: biodegrad. 12.3. Bioaccumulative potential: n.d.a. 12.4. Mobility in soil: n.d.a. 12.5. Results of PBT and VPVB assessment n.d.a. 12.6. Endocrine disrupting properties: n.d.a. 12.7. Other adverse effects: Does not a to mixture other adverse effects: 0ther information: AOX Other information: DOC Doc DOC Diethylene glycol DOC		Lindpoint		Vulue	Unit	organishi	rest method	
12.1. Toxicity to algae: n.d.a. 12.2. Persistence and degradability: Biodegrada 12.3. Bioaccumulative potential: n.d.a. 12.4. Mobility in soil: n.d.a. 12.5. Results of PBT and VPVB assessment n.d.a. 12.6. Endocrine Does not a disrupting properties: 12.7. Other adverse effects: No information: Other information: AOX Other information: DOC Dotter information: DOC Diethylene glycol DOC								
12.2. Persistence and degradability: Readily biodegrad: 12.3. Bioaccumulative potential: n.d.a. 12.4. Mobility in soil: n.d.a. 12.5. Results of PBT and VPVB assessment n.d.a. 12.6. Endocrine disrupting properties: Does not a to mixtures 12.7. Other adverse effects: No information: Other information: AOX Other information: DOC DOC DOC -elimin degree(co ng organic substance a0%/28d: Diethylene glycol Doc	· · ·							
12.3. Bioaccumulative potential: n.d.a. 12.4. Mobility in soil: n.d.a. 12.5. Results of PBT and vPvB assessment n.d.a. 12.6. Endocrine disrupting properties: Does not a to mixtures 12.7. Other adverse effects: No information: Other information: AOX Other information: DOC Doc DOC Diethylene glycol Doc								Readily
12.3. Bioaccumulative potential: n.d.a. 12.4. Mobility in soil: n.d.a. 12.5. Results of PBT and vPvB assessment n.d.a. 12.6. Endocrine disrupting properties: Does not a to mixtures 12.7. Other adverse effects: No information: Other information: AOX Other information: DOC Doc DOC Diethylene glycol Doc	degradability:							biodegradable
12.4. Mobility in soil: n.d.a. 12.5. Results of PBT and vPvB assessment n.d.a. 12.6. Endocrine disrupting properties: Does not a to mixtures 12.7. Other adverse effects: No informa available of other adverse Other information: AOX Other information: DOC DOC DOC-elimi degree(co ng organic substance 80%/28d:	12.3. Bioaccumulative							
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12.5. Results of PBT and vPvB assessment n.d.a. 12.6. Endocrine disrupting properties: Does not a to mixtures 12.7. Other adverse effects: No information: available of other adverse effects on environme Other information: AOX Other information: DOC DOC DOC DOC BOC Diethylene glycol	12.4. Mobility in soil:							n.d.a.
12.6. Endocrine Does not a to mixtures disrupting properties: No information: 12.7. Other adverse No information: effects: AOX Other information: AOX Other information: DOC Doce DOC Doce Doce Diethylene glycol Block								n.d.a.
disrupting properties: to mixtures 12.7. Other adverse No information: effects: available of other adverse Other information: AOX Other information: DOC Other information: DOC Diethylene glycol available of other adverse	and vPvB assessment							
12.7. Other adverse effects: No informa available of other adverse effects on environme Other information: AOX Other information: DOC Other information: DOC Ditethylene glycol BOC	12.6. Endocrine							Does not apply
effects: Other information: Other information: DOC	disrupting properties:							to mixtures.
Other information: AOX AOX According recipe, cor no AOX. Other information: DOC DOC DOC-elimit degree(con ng organic substance 80%/28d: 100%/28d: 100%/								No information
Other information: AOX AOX According recipe, cor no AOX. Other information: DOC DOC DOC-elimit degree(con ng organic substance 80%/28d: 100%/28d: 100%/	effects:							available on
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Diethylene glycol	Other information:	DOC						DOC-elimination
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Diethylene glycol								
Diethylene glycol								substance)>=
								80%/28d: n.a.
	Diathylana glyaal							
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12.5. Results of PBT and vPvB assessment							No PBT substance, No
	1.050	0.41	= = = = = = = = = = = = = = = = = = = =				vPvB substance
12.1. Toxicity to fish:	LC50	24h	>5000	ppm	Carassius auratus		
12.1. Toxicity to fish:	LC50	96h	>32000	mg/l	Gambusia affinis		References
12.1. Toxicity to daphnia:	EC50	24h	>10000	mg/l	Daphnia magna		
12.1. Toxicity to algae:	IC0	7d	2700	mg/l	Scenedesmus		References
					quadricauda		
12.2. Persistence and		28d	67	%		OECD 301 A	
degradability:						(Ready	
						Biodegradability -	
						DOC Die-Away	
						Test)	
Toxicity to bacteria:	EC0	16h	8000	mg/l	Pseudomonas	,	References
					putida		
Other information:	BOD5		1,3 - 10	%	·		References
Other information:	COD		99	%			References
Other information:	ThOD		1,51	g/g			References
Water solubility:							Mixable

SECTION 13: Disposal considerations

13.1 Waste treatment methods For the substance / mixture / residual amounts

EC disposal code no.:

(GB)

The waste codes are recommendations based on the scheduled use of this product.

Owing to the user's specific conditions for use and disposal, other waste codes may be

allocated under certain circumstances. (2014/955/EU)

07 06 99 wastes not otherwise specified

Recommendation:

Sewage disposal shall be discouraged.

Pay attention to local and national official regulations.

E.g. suitable incineration plant. E.g. dispose at suitable refuse site.

For contaminated packing material

Pay attention to local and national official regulations.

Recommendation: Empty container completely. Uncontaminated packaging can be recycled. Dispose of packaging that cannot be cleaned in the same manner as the substance.

SECTION 14: Transport information

General statements 14.1. UN number or ID number:	n.a.
Transport by road/by rail (ADR/RID)	11.d.
14.2. UN proper shipping name:	
14.3. Transport hazard class(es):	n.a.
14.4. Packing group:	n.a.
Classification code:	n.a.
LQ:	n.a.
14.5. Environmental hazards:	Not applicable
Tunnel restriction code:	
Transport by sea (IMDG-code)	
14.2. UN proper shipping name:	
14.3. Transport hazard class(es):	n.a.
14.4. Packing group:	n.a.
Marine Pollutant:	n.a
14.5. Environmental hazards:	Not applicable
Transport by air (IATA)	
14.2. UN proper shipping name:	
14.3. Transport hazard class(es):	n.a.
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14.4. Packing group:14.5. Environmental hazards:

(GB)

14.6. Special precautions for user

Unless specified otherwise, general measures for safe transport must be followed.

14.7. Maritime transport in bulk according to IMO instruments

Non-dangerous material according to Transport Regulations.

SECTION 15: Regulatory information

n.a.

Not applicable

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

Observe restrictions: General hygiene measures for the handling of chemicals are applicable.

Directive 2010/75/EU (VOC): **REGULATION (EC) No 648/2004** n.a.

15.2 Chemical safety assessment

A chemical safety assessment is not provided for mixtures.

SECTION 16: Other information

Revised sections:

1-16

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Classification and processes used to derive the classification of the mixture in accordance with the ordinance (EG) 1272/2008 (CLP):

Not applicable

The following phrases represent the posted Hazard Class and Risk Category Code (GHS/CLP) of the product and the constituents (specified in Section 2 and 3). H302 Harmful if swallowed.

Acute Tox. — Acute toxicity - oral

Key literature references and sources for data:

Regulation (EC) No 1907/2006 (REACH) and Regulation (EC) No 1272/2008 (CLP) as amended. Guidelines for the preparation of safety data sheets as amended (ECHA). Guidelines on labelling and packaging according to the Regulation (EG) Nr. 1272/2008 (CLP) as amended (ECHA). Safety data sheets for the constituent substances. ECHA Homepage - Information about chemicals. GESTIS Substance Database (Germany). German Environment Agency "Rigoletto" information site on substances that are hazardous to water (Germany). EU Occupation Exposure Limits Directives 91/322/EEC, 2000/39/EC, 2006/15/EC, 2009/161/EU, (EU) 2017/164, (EU) 2019/1831, each as amended. National Lists of Occupational Exposure Limits for each country as amended. Regulations on the transport of hazardous goods by road, rail, sea and air (ADR, RID, IMDG, IATA) as amended. Förch SAS Förch SAS S.C. Foerch S.R.L.

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Any abbreviations and acronyms used in this document:

according, according to acc., acc. to ADR Accord européen relatif au transport international des marchandises Dangereuses par Route (= European Agreement concerning the International Carriage of Dangerous Goods by Road) AOX Adsorbable organic halogen compounds approx. approximately Art., Art. no. Article number ASTM ASTM International (American Society for Testing and Materials) Acute Toxicity Estimate ATF BAM Bundesanstalt für Materialforschung und -prüfung (Federal Institute for Materials Research and Testing, Germany) BAuA Bundesanstalt für Arbeitsschutz und Arbeitsmedizin (= Federal Institute for Occupational Health and Safety, Germany) BCF **Bioconcentration factor** BSEF The International Bromine Council bw body weight CAS **Chemical Abstracts Service** CLP Classification, Labelling and Packaging (REGULATION (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures) CMR carcinogenic, mutagenic, reproductive toxic DMEL Derived Minimum Effect Level DNEL Derived No Effect Level Dissolved organic carbon DOC dry weight dw for example (abbreviation of Latin 'exempli gratia'), for instance e.g. EbCx, EyCx, EbLx (x = 10, 50) Effect Concentration/Level of x % on reduction of the biomass (algae, plants) European Community EC ECHA European Chemicals Agency ECx, ELx (x = 0, 3, 5, 10, 20, 50, 80, 100) Effect Concentration/Level for x % effect EEC European Economic Community European Inventory of Existing Commercial Chemical Substances EINECS European List of Notified Chemical Substances ELINCS European Norms FN EPA United States Environmental Protection Agency (United States of America)



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The statements made here should describe the product with regard to the necessary safety precautions - they are not meant to guarantee definite characteristics - but they are based on our present up-to-date knowledge. No responsibility.

These statements were made by: Chemical Check GmbH, Chemical Check Platz 1-7, D-32839 Steinheim, Tel.: +49 5233 94 17 0, Fax: +49 5233 94 17 90

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