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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**

#### Fine Cut F6.01 Art.: 405999

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

Uses advised against: No information available at present.

#### 1.3 Details of the supplier of the safety data sheet

Koch-Chemie GmbH Einsteinstrasse 42 59423 Unna Telefon: +49 (0) 2303 / 9 86 70 - 0 Fax: +49 (0) 2303 / 9 86 70 - 26 info@koch-chemie.com www.koch-chemie.com

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:

(RL)

National Poisons Information Centre, Beaumont Hospital, Dublin 9, Ireland, Tel.: +353 (0)1 809 2166 (Public Poisons Info Line, 8am-10pm, 7 days a week) +353 (0)1 809 2566 (Info for Healthcare Professionals ONLY, 24 h, 7 days a week)

Telephone number of the company in case of emergencies:

+1 872 5888271 (KCC)

#### **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)

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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 %).

#### **SECTION 3: Composition/information on ingredients**

#### 3.1 Substances

#### n.a. 3 2 Mixtures

5.2 MIXtures	
White mineral oil (Natural oil)	
Registration number (REACH)	01-2119487078-27-XXXX
Index	
EINECS, ELINCS, NLP, REACH-IT List-No.	232-455-8
CAS	8042-47-5
content %	10-<25
Classification according to Regulation (EC) 1272/2008 (CLP), M-	Asp. Tox. 1, H304
factors	

Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2%		
aromatics		
Registration number (REACH)	01-2119457273-39-XXXX	
Index		
EINECS, ELINCS, NLP, REACH-IT List-No.	918-481-9	
CAS	(64742-48-9)	
content %	10-<25	
Classification according to Regulation (EC) 1272/2008 (CLP), M-	EUH066	
factors	Asp. Tox. 1, H304	

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.

If, for example, the note P is applied for a hydrocarbon then this has already been taken into account for the classification named here.

Quote: "Note P - The classification as a carcinogen or mutagen need not apply if it can be shown that the substance contains less than 0,1 % w/w benzene (EINECS No 200-753-7)."

Article 4 of the regulation (EC) no. 1272/2008 (CLP regulation) was also observed and taken into account for the classification named here.

#### **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

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

### KochChemie **ExcellenceForExperts.**

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Remove polluted, soaked clothing immediately, wash thoroughly with plenty of water and soap, in case of irritation of the skin (flare), consult a doctor.

#### Eye contact

Remove contact lenses.

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

#### Indestion

Rinse the mouth thoroughly with water.

Do not induce vomiting - give copious water to drink. Consult doctor immediately.

#### 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. 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

Symptomatic treatment.

#### **SECTION 5: Firefighting measures**

#### 5.1 Extinguishing media

Suitable extinguishing media

#### Water jet spray/foam/CO2/dry extinguisher

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 gases

#### 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.

Avoid 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

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.

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#### **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 at room temperature. Store in a dry place.

#### 7.3 Specific end use(s)

No information available at present.

#### **SECTION 8: Exposure controls/personal protection**

#### 8.1 Control parameters

Workplace exposure limit (WEL) of the total hydrocarbon solvent content of the mixture (RCP method according to EH40): 800 mg/m3

Chemical Name	Hydrocarbons, C10-C13, n-alkanes, isoalkanes,	Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics				
WEL-TWA: 800 mg/m3	WEL-STEL:					
Monitoring procedures:	<ul> <li>Draeger - Hydrocarbons 0,1%/c</li> </ul>					
	<ul> <li>Draeger - Hydrocarbons 2/a (81</li> </ul>	03 581)				
	- Compur - KITA-187 S (551 174)					
BMGV:		Other information: (	OEL acc. to RCP-			
		method, paragraphs 8	84-87, EH40)			
Chemical Name	Hydrocarbons, C10-C13, n-alkanes, isoalkanes,	cvclics. <2% aromatics				
OELV-8h: 100 ppm (573 mg/m3						
solvent", [White spirit])						
Monitoring procedures:	- Draeger - Hydrocarbons 0,1%/c	(81 03 571)				
31	- Draeger - Hydrocarbons 2/a (81					
	- Compur - KITA-187 S (551 174)					
BLV:						
Chemical Name	Glycerol					
WEL-TWA: 10 mg/m3 (mist)	WEL-STEL:					
Monitoring procedures:						
BMGV:		Other information: -				
Chemical Name	Aluminium oxide					
WEL-TWA: 10 mg/m3 (total inh	al. dust), 4 WEL-STEL:					
mg/m3 (resp. dust) (aluminium ox						
Monitoring procedures:						
BMGV:		Other information: -				
		I				
Chemical Name	Aluminium oxide					

Workers / employees

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OELV-8h: 4 mg/m3 (res	pirable dust) 10 mg/m3	OELV-15min:				
(total inhalable dust) (Alur						
Monitoring procedures:						
BLV:			Other info	mation:		
Chemical Name	Oil mist, mineral					
WEL-TWA: 5 mg/m3 (M		WEL-STEL:				
metal working fluids, ACG						
Monitoring procedures:		aeger - Oil Mist 1/a (67 33 0	31)			
BMGV:		<b>.</b>	Other info	mation:		
Chemical Name	Oil mist, mineral					
OELV-8h: 5 mg/m3 (Mir		OELV-15min:				
severely refined (inhalable						
Monitoring procedures:		aeger - Oil Mist 1/a (67 33 0	31)		1	
BLV:		0	Other info	mation:		
White mineral oil (Natur	al oil)					
Area of application	Éxposure route /	Effect on health	Descripto	Value	Unit	Note
						11010
	Environmental		r .			1010
	Environmental compartment		-			Hoto
Consumer		Long term, systemic	-	92	mg/kg	
	compartment Human - dermal	effects	r DNEL	-	bw/day	
Consumer Consumer	compartment	effects Long term, systemic	r	92 35		
Consumer	compartment         Human - dermal         Human - inhalation	effects Long term, systemic effects	r DNEL DNEL	35	bw/day mg/m3	
	compartment Human - dermal	effects Long term, systemic effects Long term, systemic	r DNEL	-	bw/day mg/m3 mg/kg	
Consumer Consumer	compartment         Human - dermal         Human - inhalation         Human - oral	effects Long term, systemic effects Long term, systemic effects	r DNEL DNEL DNEL	35 40	bw/day mg/m3 mg/kg bw/day	
Consumer	compartment         Human - dermal         Human - inhalation	effects Long term, systemic effects Long term, systemic effects Long term, local	r DNEL DNEL	35	bw/day mg/m3 mg/kg	
Consumer Consumer Workers / employees	compartment         Human - dermal         Human - inhalation         Human - oral         Human - inhalation	effects Long term, systemic effects Long term, systemic effects Long term, local effects	r DNEL DNEL DNEL DNEL	35 40 160	bw/day mg/m3 mg/kg bw/day mg/m3	
Consumer Consumer	compartment         Human - dermal         Human - inhalation         Human - oral	effects Long term, systemic effects Long term, systemic effects Long term, local effects Long term, local	r DNEL DNEL DNEL	35 40	bw/day mg/m3 mg/kg bw/day	
Consumer Consumer Workers / employees Workers / employees	compartment         Human - dermal         Human - inhalation         Human - oral         Human - inhalation         Human - inhalation         Human - dermal	effects Long term, systemic effects Long term, systemic effects Long term, local effects Long term, local effects	r DNEL DNEL DNEL DNEL DNEL	35 40 160 220	bw/day mg/m3 mg/kg bw/day mg/m3 mg/kg	
Consumer Consumer Workers / employees	compartment         Human - dermal         Human - inhalation         Human - oral         Human - inhalation	effects Long term, systemic effects Long term, systemic effects Long term, local effects Long term, local effects Long term, systemic	r DNEL DNEL DNEL DNEL	35 40 160	bw/day mg/m3 mg/kg bw/day mg/m3 mg/kg mg/kg	
Consumer Consumer Workers / employees Workers / employees Workers / employees	compartment         Human - dermal         Human - inhalation         Human - oral         Human - inhalation         Human - dermal         Human - dermal         Human - dermal	effects Long term, systemic effects Long term, systemic effects Long term, local effects Long term, local effects Long term, systemic effects	r DNEL DNEL DNEL DNEL DNEL DNEL	35 40 160 220 220	bw/day mg/m3 mg/kg bw/day mg/kg mg/kg bw/day	
Consumer Consumer Workers / employees Workers / employees	compartment         Human - dermal         Human - inhalation         Human - oral         Human - inhalation         Human - inhalation         Human - dermal	effects Long term, systemic effects Long term, systemic effects Long term, local effects Long term, local effects Long term, systemic	r DNEL DNEL DNEL DNEL DNEL	35 40 160 220	bw/day mg/m3 mg/kg bw/day mg/m3 mg/kg mg/kg	
Consumer Consumer Workers / employees Workers / employees Workers / employees	compartment         Human - dermal         Human - inhalation         Human - oral         Human - inhalation         Human - dermal         Human - dermal         Human - dermal	effects Long term, systemic effects Long term, systemic effects Long term, local effects Long term, local effects Long term, systemic effects Long term, systemic	r DNEL DNEL DNEL DNEL DNEL DNEL	35 40 160 220 220	bw/day mg/m3 mg/kg bw/day mg/kg mg/kg bw/day	
Consumer Consumer Workers / employees Workers / employees Workers / employees Workers / employees	compartment         Human - dermal         Human - inhalation         Human - oral         Human - inhalation         Human - dermal         Human - dermal         Human - inhalation	effects         Long term, systemic         effects         Long term, systemic         effects         Long term, local         effects         Long term, local         effects         Long term, systemic         effects	r DNEL DNEL DNEL DNEL DNEL DNEL	35 40 160 220 220	bw/day mg/m3 mg/kg bw/day mg/kg mg/kg bw/day	
Consumer Consumer Workers / employees Workers / employees Workers / employees Workers / employees Hydrocarbons, C10-C13	compartment         Human - dermal         Human - inhalation         Human - oral         Human - inhalation         Human - dermal         Human - dermal         Human - inhalation         Human - inhalation         Human - dermal         Human - inhalation	effects Long term, systemic effects Long term, systemic effects Long term, local effects Long term, local effects Long term, systemic effects Long term, systemic effects Long term, systemic effects	r DNEL DNEL DNEL DNEL DNEL DNEL DNEL	35 40 160 220 220 160	bw/day mg/m3 mg/kg bw/day mg/m3 mg/kg bw/day mg/m3	
Consumer Consumer Workers / employees Workers / employees Workers / employees Workers / employees	compartment         Human - dermal         Human - inhalation         Human - oral         Human - inhalation         Human - dermal         Human - dermal         Human - inhalation         Human - inhalation         Human - dermal         Human - inhalation         Human - inhalation         Exposure route /	effects         Long term, systemic         effects         Long term, systemic         effects         Long term, local         effects         Long term, local         effects         Long term, systemic         effects	r DNEL DNEL DNEL DNEL DNEL DNEL DNEL	35 40 160 220 220	bw/day mg/m3 mg/kg bw/day mg/kg mg/kg bw/day	Note
Consumer Consumer Workers / employees Workers / employees Workers / employees Workers / employees Hydrocarbons, C10-C13	compartment         Human - dermal         Human - inhalation         Human - oral         Human - inhalation         Human - dermal         Human - dermal         Human - dermal         Human - inhalation         Human - dermal         Human - inhalation         Human - dermal         Exposure route / Environmental	effects Long term, systemic effects Long term, systemic effects Long term, local effects Long term, local effects Long term, systemic effects Long term, systemic effects Long term, systemic effects	r DNEL DNEL DNEL DNEL DNEL DNEL DNEL	35 40 160 220 220 160	bw/day mg/m3 mg/kg bw/day mg/m3 mg/kg bw/day mg/m3	
Consumer Consumer Workers / employees Workers / employees Workers / employees Workers / employees Hydrocarbons, C10-C13 Area of application	compartment         Human - dermal         Human - inhalation         Human - oral         Human - inhalation         Human - dermal         Human - dermal         Human - dermal         Human - inhalation         Human - dermal         Human - inhalation         Human - inhalation         Exposure route /         Environmental         compartment	effects Long term, systemic effects Long term, systemic effects Long term, local effects Long term, local effects Long term, systemic effects Long term, systemic effects Long term, systemic effects Elics, <2% aromatics Effect on health	r DNEL DNEL DNEL DNEL DNEL DNEL DNEL	35 40 160 220 220 160 Value	bw/day mg/m3 mg/kg bw/day mg/kg mg/kg bw/day mg/m3	
Consumer Consumer Workers / employees Workers / employees Workers / employees Workers / employees Hydrocarbons, C10-C13	compartment         Human - dermal         Human - inhalation         Human - oral         Human - inhalation         Human - dermal         Human - dermal         Human - dermal         Human - inhalation         Human - dermal         Human - inhalation         Human - dermal         Exposure route / Environmental	effects Long term, systemic effects Long term, systemic effects Long term, local effects Long term, local effects Long term, systemic effects Long term, systemic effects Elics, <2% aromatics Effect on health Long term, systemic	r DNEL DNEL DNEL DNEL DNEL DNEL DNEL	35 40 160 220 220 160	bw/day mg/m3 mg/kg bw/day mg/m3 mg/kg bw/day mg/m3	
Consumer Consumer Workers / employees Workers / employees Workers / employees Workers / employees Hydrocarbons, C10-C13 Area of application Consumer	compartment         Human - dermal         Human - inhalation         Human - oral         Human - oral         Human - dermal         Human - dermal         Human - dermal         Human - dermal         Human - inhalation         Human - dermal         Human - inhalation         Human - dermal         Human - dermal         Human - dermal         Human - inhalation         Human - inhalation         Human - inhalation         Human - oral         Human - inhalation         Human - inhalation         Human - oral	effects Long term, systemic effects Long term, systemic effects Long term, local effects Long term, local effects Long term, systemic effects Long term, systemic effects Elics, <2% aromatics Effect on health Long term, systemic effects	r DNEL DNEL DNEL DNEL DNEL DNEL DNEL DNEL	35 40 160 220 220 160 <b>Value</b> 300	bw/day mg/m3 mg/kg bw/day mg/kg mg/kg bw/day mg/m3	
Consumer Consumer Workers / employees Workers / employees Workers / employees Workers / employees Hydrocarbons, C10-C13 Area of application	compartment         Human - dermal         Human - inhalation         Human - oral         Human - inhalation         Human - dermal         Human - dermal         Human - dermal         Human - inhalation         Human - dermal         Human - inhalation         Human - inhalation         Exposure route /         Environmental         compartment	effects         Long term, systemic         effects         Long term, systemic         effects         Long term, local         effects         Long term, local         effects         Long term, systemic         effects         Long term, systemic         effects         Long term, systemic         effects         Long term, systemic         effect on health         Long term, systemic         effects         Long term, systemic	r DNEL DNEL DNEL DNEL DNEL DNEL DNEL	35 40 160 220 220 160 Value	bw/day mg/m3 mg/kg bw/day mg/kg mg/kg bw/day mg/m3	
Consumer Consumer Workers / employees Workers / employees Workers / employees Workers / employees Hydrocarbons, C10-C13 Area of application Consumer	compartment         Human - dermal         Human - inhalation         Human - oral         Human - oral         Human - dermal         Human - dermal         Human - dermal         Human - dermal         Human - inhalation         Human - dermal         Human - inhalation         Human - dermal         Human - dermal         Human - dermal         Human - inhalation         Human - inhalation         Human - inhalation         Human - oral         Human - inhalation         Human - inhalation         Human - oral	effects Long term, systemic effects Long term, systemic effects Long term, local effects Long term, local effects Long term, systemic effects Long term, systemic effects Elics, <2% aromatics Effect on health Long term, systemic effects	r DNEL DNEL DNEL DNEL DNEL DNEL DNEL DNEL	35 40 160 220 220 160 <b>Value</b> 300	bw/day mg/m3 mg/kg bw/day mg/kg mg/kg bw/day mg/m3	

Glycerol						
Area of application	Exposure route /	Effect on health	Descripto	Value	Unit	Note
	Environmental		r			
	compartment					
	Environment - freshwater		PNEC	0,885	mg/l	
	Environment - marine		PNEC	0,088	mg/l	
	Environment - sewage		PNEC	1000	mg/l	
	treatment plant				-	

Long term, systemic effects

effects

Human - dermal

DNEL

300

mg/kg

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	Environment - sediment, freshwater		PNEC	3,3	mg/kg dw
	Environment - sediment, marine		PNEC	0,33	mg/kg dw
	Environment - soil		PNEC	0,141	mg/kg dw
	Environment - water, sporadic (intermittent) release		PNEC	8,85	mg/l
Consumer	Human - inhalation	Long term, local effects	DNEL	33	mg/m3
Consumer	Human - oral	Long term, systemic effects	DNEL	229	mg/kg bw/day
Workers / employees	Human - inhalation	Long term, local effects	DNEL	56	mg/m3

Aluminium oxide								
Area of application	Exposure route /	Effect on health	Descripto	Value	Unit	Note		
	Environmental		r					
	compartment							
	Environment - sewage		PNEC	20	mg/l			
	treatment plant							
Industrial	Human - inhalation	Long term	DNEL	3	mg/m3			
Commercial	Human - inhalation	Long term	DNEL	3	mg/m3			
Consumer	Human - oral	Long term	DNEL	6,22	mg/kg			
		-			bw/day			

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).

OELV-8h = Occupational Exposure Limit Value (8-hour reference period). (IFV) = Inhalable Fraction and Vapour. (I) = Inhalable Fraction. (R) = Respirable Fraction.

(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). |

OELV-15min = Occupational Exposure Limit Value (15-minute reference period). (IFV) = Inhalable Fraction and Vapour. (I) = Inhalable Fraction. (R) = Respirable Fraction.

(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). | BLV = Biological limit value |

Other information: Carc1A, Carc1B = carcinogenic substance, Cat. 1A or 1B. Muta1A, Muta1B = mutagenic substance, Cat. 1A or 1B. Repr1A, Repr1B = Substances known to be toxic for reproduction, Cat. 1A or 1B. Sk = can be absorbed through skin. Asphx = asphyxiant. Sen = Respiratory sensitizer. BOELV = Binding Occupational Exposure Limit Values. IOELV = Indicative Occupational Exposure Limit Values.

(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).

OELV-8h = Occupational Exposure Limit Value - 8 h (8-hour reference period as a time-weighted average)

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[9] = Inhalable fraction (S.L.424.24), [10] = Respirable fraction (S.L.424.24).

(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). |

OELV-ST = Occupational Exposure Limit Value - Short-term (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).

[8] = Short-term exposure limit value in relation to a reference period of 1 minute. (S.L.424.24), [9] = Inhalable fraction (S.L.424.24), [10] = Respirable fraction (S.L.424.24) |

BMGV = Biological monitoring guidance value EH40. BGW = "Biologischer Grenzwert" (biological limit value, Germany) | Other information: Skin = Possibility of a significant uptake through the skin.

[11] = When selecting an appropriate exposure monitoring method, account should be taken of potential limitations and interferences that may arise in the presence of other sulphur compounds. (S.L.424.24), [12] = The mist is defined as the thoracic fraction. (S.L.424.24), [13] = Established in accordance with the Annex to Directive 91/322/EEC. (S.L.424.24), [14] = During exposure monitoring for mercury and its divalent inorganic compounds, account should be taken of relevant biological monitoring techniques that complement the OELV. (S.L.424.24).

(EU13) = The substance can cause sensitisation of the skin and of the respiratory tract (Directive 2004/37/CE), (EU14) = 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 nonmetrological 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.

Eye/face protection:

Tight fitting protective goggles with side protection (EN 166).

Skin protection - Hand protection:

Chemical resistant protective gloves (EN ISO 374).

If applicable

Protective Neoprene® / polychloroprene gloves (EN ISO 374).

Protective nitrile gloves (EN ISO 374).

Minimum layer thickness in mm:

0,5

Permeation time (penetration time) in minutes:

480 Protective hand cream recommended.

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: If OES or MEL is exceeded. Filter A P2 (EN 14387), code colour brown, white

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Observe wearing time limitations for respiratory protection equipment.

Thermal hazards: Not applicable

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:	Viscous, Liquid
Colour:	According to specification
Odour:	Characteristic
Melting point/freezing point:	There is no information available on this parameter.
Boiling point or initial boiling point and boiling range:	There is no information available on this parameter.
Flammability:	There is no information available on this parameter.
Lower explosion limit:	There is no information available on this parameter.
Upper explosion limit:	There is no information available on this parameter.
Flash point:	>93 °C
Auto-ignition temperature:	There is no information available on this parameter.
Decomposition temperature:	There is no information available on this parameter.
pH:	Mixture is non-soluble (in water).
Kinematic viscosity:	>20,5 mm2/s (40°C)
Solubility:	Insoluble
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/ml
Relative vapour density:	There is no information available on this parameter.
Particle characteristics:	Does not apply to liquids.
9 2 Other information	

#### 9.2 Other information

No information available at present.

#### **SECTION 10: Stability and reactivity**

#### 10.1 Reactivity

The product has not been tested. **10.2 Chemical stability** Stable with proper storage and handling. **10.3 Possibility of hazardous reactions** No dangerous reactions are known. **10.4 Conditions to avoid** None known **10.5 Incompatible materials** Avoid contact with strong oxidizing agents. **10.6 Hazardous decomposition products** No decomposition when used as directed.

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#### **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).

Fine Cut F6.01						
Art.: 405999						
Toxicity / effect	Endpoint	Value	Unit	Organism	Test method	Notes
Acute toxicity, by oral route:						n.d.a.
Acute toxicity, by dermal						n.d.a.
route:						
Acute toxicity, by inhalation:						n.d.a.
Skin corrosion/irritation:						n.d.a.
Serious eye						n.d.a.
damage/irritation:						
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.

Toxicity / effect	Endpoint	Value	Unit	Organism	Test method	Notes
Acute toxicity, by oral route:	LD50	>5000	mg/kg	Rat	OECD 401 (Acute	
					Oral Toxicity)	
Acute toxicity, by dermal	LD50	>2000	mg/kg	Rabbit	OECD 402 (Acute	
route:					Dermal Toxicity)	
Acute toxicity, by inhalation:	LC50	>5	mg/l/4h	Rat	OECD 403 (Acute	
					Inhalation Toxicity)	
Skin corrosion/irritation:				Rabbit	OECD 404 (Acute	Not irritant
					Dermal	
					Irritation/Corrosion)	
Serious eye				Rabbit	OECD 405 (Acute	Not irritant
damage/irritation:					Eye	
					Irritation/Corrosion)	
Respiratory or skin				Guinea pig	OECD 406 (Skin	No (skin
sensitisation:				_	Sensitisation)	contact)
Germ cell mutagenicity:				Salmonella	OECD 471 (Bacterial	Negative
				typhimurium	Reverse Mutation	
					Test)	
Carcinogenicity:	NOAEL	>1200	mg/kg	Rat	OECD 453	Negative
					(Combined Chronic	
					Toxicity/Carcinogenicit	
					y Studies)	
Reproductive toxicity:					OECD 415 (One-	Negative
					Generation	
					Reproduction Toxicity	
					Study)	
Reproductive toxicity:	NOAEL	>=1000	mg/kg	Rat	OECD 421	Negative
			bw/d		(Reproduction/Develop	
					mental Toxicity	
					Screening Test)	

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Specific target organ toxicity - repeated exposure (STOT- RE):	NOAEL	>1200	mg/kg	Rat	OECD 453 (Combined Chronic Toxicity/Carcinogenicit y Studies)	
Specific target organ toxicity - repeated exposure (STOT- RE):	NOAEL	>1200	mg/kg		OECD 452 (Chronic Toxicity Studies)	
Aspiration hazard:						Asp. Tox. 1
Symptoms:						nausea and vomiting.
Specific target organ toxicity - repeated exposure (STOT- RE), dermal:	NOAEL	>2000	mg/kg	Rat	OECD 411 (Subchronic Dermal Toxicity - 90-day Study)	
Specific target organ toxicity - repeated exposure (STOT- RE), dermal:	NOAEL	1000	mg/kg	Rabbit	OECD 410 (Repeated Dose Dermal Toxicity - 90-Day)	

Toxicity / effect	Endpoint	Value	Unit	Organism	Test method	Notes
Acute toxicity, by oral route:	LD50	>5000	mg/kg	Rat	OECD 401 (Acute	
					Oral Toxicity)	
Acute toxicity, by dermal	LD50	>2000	mg/kg	Rat	OECD 402 (Acute	
route:					Dermal Toxicity)	
Acute toxicity, by inhalation:	LC50	>5000	mg/m3/8	Rat	OECD 403 (Acute	Vapours
			h		Inhalation Toxicity)	
Acute toxicity, by inhalation:	LC50	>5	mg/m3/4	Rat	OECD 403 (Acute	Vapours,
			h		Inhalation Toxicity)	Analogous
						conclusion
Skin corrosion/irritation:						Repeated
						exposure may
						cause skin
						dryness or
						cracking.,
						Product
						removes fat.
Skin corrosion/irritation:					OECD 404 (Acute	Not irritant,
					Dermal	Analogous
					Irritation/Corrosion)	conclusion
Serious eye					OECD 405 (Acute	Not irritant
damage/irritation:					Eye	
					Irritation/Corrosion)	
Respiratory or skin				Guinea pig	OECD 406 (Skin	No (skin
sensitisation:					Sensitisation)	contact)
Germ cell mutagenicity:				Salmonella	OECD 471 (Bacterial	Negative
				typhimurium	Reverse Mutation	
					Test)	
Germ cell mutagenicity:				Mouse	OECD 474	Negative,
					(Mammalian	Analogous
					Erythrocyte	conclusion
					Micronucleus Test)	
Carcinogenicity:					OECD 453	Negative,
					(Combined Chronic	Analogous
					Toxicity/Carcinogenicit	conclusion
					y Studies)	
Reproductive toxicity:					OECD 421	Negative,
					(Reproduction/Develop	Analogous
					mental Toxicity	conclusion
					Screening Test)	

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Reproductive toxicity:	NOAEC	>= 5220	mg/m3	Rat	OECD 414 (Prenatal Developmental Toxicity Study)	Negative, Analogous conclusioninhal ation
Specific target organ toxicity - repeated exposure (STOT- RE):					OECD 408 (Repeated Dose 90-Day Oral Toxicity Study in Rodents)	No indications of such an effect., Analogous conclusion
Aspiration hazard:						Yes
Symptoms:						unconsciousnes s, headaches, dizziness, Dermatitis (skin inflammation), Reddening, drying of the skin., mucous membrane irritation, nausea and vomiting., diarrhoea, lower abdominal pain

Foxicity / effect	Endpoint	Value	Unit	Organism	Test method	Notes
Acute toxicity, by oral route:	LD50	>2000	mg/kg	Rat		
Acute toxicity, by dermal	LD50	>10000	mg/kg	Rabbit		
route:						
Skin corrosion/irritation:				Rabbit	IUCLID Chem. Data Sheet (ESIS)	Not irritant
Serious eye damage/irritation:				Rabbit	OECD 405 (Acute Eye Irritation/Corrosion)	Not irritant
Respiratory or skin sensitisation:				Guinea pig		No (skin contact)
Germ cell mutagenicity:				Salmonella typhimurium	OECD 471 (Bacterial Reverse Mutation Test)	Negative
Reproductive toxicity:	NOAEL	2000	mg/kg/d			Negative
Specific target organ toxicity - repeated exposure (STOT- RE):	NOAEL	3,91	mg/l	Rat		(14d)
Aspiration hazard:						Negative
Symptoms:						abdominal
						pain,
						drowsiness,
						diarrhoea,
						vomiting,
						headaches,
						mucous
						membrane
						irritation,
						nausea
Aluminium oxide						
Toxicity / effect	Endpoint	Value	Unit	Organism	Test method	Notes
Aguta taviaity, by and router		20	mallea	Det		Analogous

Toxicity / effect	Endpoint	Value	Unit	Organism	Test method	Notes
Acute toxicity, by oral route:	NOAEL	30	mg/kg	Rat		Analogous conclusion

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Acute toxicity, by oral route:	LD50	>10000	mg/kg	Rat	OECD 401 (Acute Oral Toxicity)	
Acute toxicity, by inhalation:	NOAEC	70	mg/m3	Rat		subchronic
Acute toxicity, by inhalation:	LC50	7,6	mg/l/4h	Rat		Aerosol, Maximum achievable concentration.
Skin corrosion/irritation:				Rabbit	OECD 404 (Acute Dermal Irritation/Corrosion)	Not irritant
Serious eye damage/irritation:				Rabbit	OECD 405 (Acute Eye Irritation/Corrosion)	Not irritant
Respiratory or skin sensitisation:				Guinea pig		Not sensitizising
Germ cell mutagenicity:					in vivo	Negative, Analogous conclusion
Germ cell mutagenicity:				Salmonella typhimurium	OECD 471 (Bacterial Reverse Mutation Test)	Negative
Symptoms:						constipation
Specific target organ toxicity - repeated exposure (STOT- RE), inhalat.:	LOAEL	70	mg/m3	Rat		Lung damage

#### 11.2. Information on other hazards

Art.: 405999 Toxicity / effect	Endpoint	Value	Unit	Organism	Test method	Notes
Endocrine disrupting						Does not apply
properties:						to mixtures.
Other information:						No other relevant information available on adverse effects on health.

#### **SECTION 12: Ecological information**

Possibly more information	on on environm	ental effect	s, see Sect	ion 2.1 (cla	ssification).		
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Art.: 405999							
Toxicity / effect	Endpoint	Time	Value	Unit	Organism	Test method	Notes
12.1. Toxicity to fish:							n.d.a.
12.1. Toxicity to							n.d.a.
daphnia:							
12.1. Toxicity to algae:							n.d.a.
12.2. Persistence and							n.d.a.
degradability:							
12.3. Bioaccumulative							n.d.a.
potential:							
12.4. Mobility in soil:							n.d.a.
12.5. Results of PBT							n.d.a.
and vPvB assessment							
12.6. Endocrine							Does not apply
disrupting properties:							to mixtures.

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12.7. Other adverse effects:			No information available on other adverse effects on the
			environment.
Other information:			DOC- elimination degree(complex ing organic substance)>= 80%/28d: n.a.
Other information:	AOX	%	According to the recipe, contains no AOX.

Toxicity / effect	Endpoint	Time	Value	Unit	Organism	Test method	Notes
12.2. Persistence and degradability:		28d	>60	%		OECD 301 B (Ready Biodegradability - Co2 Evolution Test)	Biodegradable
12.7. Other adverse effects:							Product floats on the water surface.
12.1. Toxicity to daphnia:	EL50	21d	>1000	mg/l	Daphnia magna		
12.1. Toxicity to fish:	LC50	96h	>1000	mg/l	Leuciscus idus	OECD 203 (Fish, Acute Toxicity Test)	
12.1. Toxicity to fish:	NOEC/NOEL	96h	>1000	mg/l	Oncorhynchus mykiss	OECD 203 (Fish, Acute Toxicity Test)	
12.1. Toxicity to daphnia:	EL50	48h	>100	mg/l	Daphnia magna	OECD 202 (Daphnia sp. Acute Immobilisation Test)	
12.1. Toxicity to daphnia:	LC50	48h	>100	mg/l	Daphnia magna	OECD 202 (Daphnia sp. Acute Immobilisation Test)	
12.1. Toxicity to algae:	EL50	48h	>1000	mg/l	Pseudokirchnerie Ila subcapitata	OECD 201 (Alga, Growth Inhibition Test)	
12.2. Persistence and degradability:		28d	31,3	%		OECD 301 F (Ready Biodegradability - Manometric Respirometry Test)	Not readily biodegradable
Toxicity to bacteria:	LC50		>1000	mg/l	activated sludge	,	
Toxicity to bacteria:	NOELR		>100	mg/l	Pseudomonas subspicata		
Hydrocarbons, C10-C1				:2% aroma	tics		
Toxicity / effect	Endpoint	Time	Value	Unit	Organism	Test method	Notes

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12.1. Toxicity to fish:	LC50	96h	>1000	mg/l	Oncorhynchus mykiss	OECD 203 (Fish, Acute Toxicity Test)	
12.1. Toxicity to fish:	NOELR	28d	0,10	mg/l	Oncorhynchus mykiss	QSAR	
12.1. Toxicity to daphnia:	EC50	48h	>1000	mg/l	Daphnia magna	OECD 202 (Daphnia sp. Acute Immobilisation Test)	
12.1. Toxicity to daphnia:	NOELR	21d	0,18	mg/l	Daphnia magna	QSÁR	
12.1. Toxicity to algae:	ErL50	72h	>1000	mg/l	Pseudokirchnerie Ila subcapitata	OECD 201 (Alga, Growth Inhibition Test)	
12.1. Toxicity to algae:	NOELR	72h	1000	mg/l	Pseudokirchnerie Ila subcapitata	OECD 201 (Alga, Growth Inhibition Test)	
12.2. Persistence and degradability:		28d	80	%		OECD 301 F (Ready Biodegradability - Manometric Respirometry Test)	Readily biodegradable
12.3. Bioaccumulative potential:	Log Pow		5,5-7,2			,	
12.4. Mobility in soil:	Log Koc		>3				
12.5. Results of PBT and vPvB assessment							No PBT substance, No vPvB substance
12.7. Other adverse effects:							Product floats on the water surface.
Water solubility:			~10	mg/l			Slight

Toxicity / effect	Endpoint	Time	Value	Unit	Organism	Test method	Notes
12.2. Persistence and degradability:	BOD5		0,87	g/g			
12.2. Persistence and degradability:	COD		1,16	g/g			
12.1. Toxicity to fish:	LC50	96h	> 5000	mg/l	Carassius auratus		
12.1. Toxicity to daphnia:	EC50	48h	>10000	mg/l	Daphnia magna		
12.1. Toxicity to daphnia:	EC5	72h	3200	mg/l			Entosiphon sulcatum
12.1. Toxicity to algae:	EC50		2900	mg/l	Chlorella vulgaris		
12.2. Persistence and degradability:		14d	63	%		OECD 301 C (Ready Biodegradability - Modified MITI Test (I))	
12.2. Persistence and degradability:	BOD/COD		>60	%			
12.2. Persistence and degradability:	BOD5/COD		> 50	%			
12.2. Persistence and degradability:	DOC		>70	%			Readily biodegradable

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12.3. Bioaccumulative potential:	Log Pow		-1,75			OECD 107 (Partition Coefficient (n- octanol/water) - Shake Flask Method)	Bioaccumulatio n is unlikely (LogPow < 1).
12.5. Results of PBT and vPvB assessment							No PBT substance, No vPvB substance
Toxicity to bacteria:	EC5	16h	> 10000	mg/l	Pseudomonas putida		

Aluminium oxide	1		1	1		1	
Toxicity / effect	Endpoint	Time	Value	Unit	Organism	Test method	Notes
12.3. Bioaccumulative potential:							Not relevant for inorganic substances.
12.1. Toxicity to fish:	LC50	96h	218,6	mg/l	Pimephales promelas		
12.1. Toxicity to daphnia:	NOEC/NOEL	48h	>0,135	mg/l	Daphnia magna	OECD 202 (Daphnia sp. Acute Immobilisation Test)	
12.1. Toxicity to daphnia:	EC50		>100	mg/l	Daphnia magna		
12.1. Toxicity to algae:	EC50		>100	mg/l	Selenastrum capricornutum		
12.1. Toxicity to algae:	NOEC/NOEL	72h	>=0,052	mg/l	Selenastrum capricornutum	OECD 201 (Alga, Growth Inhibition Test)	
12.2. Persistence and degradability:							Not relevant for inorganic substances.
12.4. Mobility in soil:							Not relevant for inorganic substances.
12.5. Results of PBT and vPvB assessment							No PBT substance, No vPvB substanc

#### **SECTION 13: Disposal considerations**

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

EC disposal code no.:

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) 12 01 09 machining emulsions and solutions free of halogens 12 01 20 spent grinding bodies and grinding materials containing hazardous substances 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.

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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			
Transport by road/by rail (ADR/RID)			
14.1. UN number or ID number:	Not applicable		
14.2. UN proper shipping name:			
Not applicable			
14.3. Transport hazard class(es):	Not applicable		
14.4. Packing group:	Not applicable		
14.5. Environmental hazards:	Not applicable		
Tunnel restriction code:	Not applicable		
Classification code:	Not applicable		
LQ:	Not applicable		
Transport category:	Not applicable		
Transport by sea (IMDG-code)			
14.1. UN number or ID number:	Not applicable		
14.2. UN proper shipping name:			
Not applicable			
14.3. Transport hazard class(es):	Not applicable		
14.4. Packing group: 14.5. Environmental hazards:	Not applicable Not applicable		
Marine Pollutant:	Not applicable		
EmS:	Not applicable		
Segregation:	Not applicable		
Transport by air (IATA)			
14.1. UN number or ID number:	Not applicable		
14.2. UN proper shipping name:	Not applicable		
Not applicable			
14.3. Transport hazard class(es):	Not applicable		
14.4. Packing group:	Not applicable		
14.5. Environmental hazards:	Not applicable		
14.6. Special precautions for user			
Unless specified otherwise, general measures for safe tra	ansport must be followed.		
14.7. Maritime transport in bulk according	•		
Non-dangerous material according to Transport Regulation			
SECTION 15	5: Regulatory information		
15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture			
13.1 Salety, health and environmental regu			
Observe restrictions:	are applicable		
General hygiene measures for the handling of chemicals	are appricable.		
Directive 2010/75/EU (VOC):	11,6 %		
National requirements/regulations on safety and health pr	otection must be applied when using work equipment.		

15.2 Chemical safety assessment

A chemical safety assessment is not provided for mixtures.

#### **SECTION 16: Other information**

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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). H304 May be fatal if swallowed and enters airways. EUH066 Repeated exposure may cause skin dryness or cracking.

Loriood Repeated exposure may cause skin dryness o

Asp. Tox. — Aspiration hazard

#### 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.

#### 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 approximately approx. Article number Art., Art. no. ASTM ASTM International (American Society for Testing and Materials) ATE Acute Toxicity Estimate 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 body weight bw CAS **Chemical Abstracts Service** Classification, Labelling and Packaging (REGULATION (EC) No 1272/2008 on classification, labelling and packaging of CLP substances and mixtures) CMR carcinogenic, mutagenic, reproductive toxic DMEL Derived Minimum Effect Level DNEL Derived No Effect Level DOC Dissolved organic carbon dw dry weight 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) EC European Community 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 EINECS European Inventory of Existing Commercial Chemical Substances ELINCS European List of Notified Chemical Substances ΕN European Norms United States Environmental Protection Agency (United States of America) EPA

(B) (RL) (M) Page 18 of 19 Safety data sheet according to Regulation (EC) No 1907/2006, Annex II Revision date / version: 24.02.2023 / 0001 Replacing version dated / version: 24.02.2023 / 0001 Valid from: 24.02.2023 PDF print date: 24.02.2023 Fine Cut F6.01 Art.: 405999 ErCx,  $E\mu Cx$ , ErLx (x = 10, 50) Effect Concentration/Level of x % on inhibition of the growth rate (algae, plants) et cetera etc. **European Union** EU EVAL Ethylene-vinyl alcohol copolymer Fax. Fax number gen. general GHS Globally Harmonized System of Classification and Labelling of Chemicals GWP Global warming potential Adsorption coefficient of organic carbon in the soil Koc Kow octanol-water partition coefficient IARC International Agency for Research on Cancer IATA International Air Transport Association IBC (Code) International Bulk Chemical (Code) IMDG-code International Maritime Code for Dangerous Goods including, inclusive incl. IUCLIDInternational Uniform Chemical Information Database IUPAC International Union for Pure Applied Chemistry LC50 Lethal Concentration to 50 % of a test population LD50 Lethal Dose to 50% of a test population (Median Lethal Dose) Log Koc Logarithm of adsorption coefficient of organic carbon in the soil Log Kow, Log Pow Logarithm of octanol-water partition coefficient LQ Limited Quantities MARPOL International Convention for the Prevention of Marine Pollution from Ships n.a. not applicable n.av. not available not checked n.c. n.d.a. no data available NIOSHNational Institute for Occupational Safety and Health (USA) NLP No-longer-Polymer NOEC, NOEL No Observed Effect Concentration/Level OECD Organisation for Economic Co-operation and Development org. organic OSHA Occupational Safety and Health Administration (USA) PBT persistent, bioaccumulative and toxic ΡE Polyethylene PNEC Predicted No Effect Concentration ppm parts per million PVC Polyvinylchloride REACH Registration, Evaluation, Authorisation and Restriction of Chemicals (REGULATION (EC) No 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals) 9xx-xxx-x No. is automatically assigned, e.g. to pre-registrations without a CAS No. or other numerical REACH-IT List-No. identifier. List Numbers do not have any legal significance, rather they are purely technical identifiers for processing a submission via REACH-IT. Règlement concernant le transport International ferroviaire de marchandises Dangereuses (= Regulation concerning the RID International Carriage of Dangerous Goods by Rail) SVHC Substances of Very High Concern Tel. Telephone TOC Total organic carbon UN RTDG United Nations Recommendations on the Transport of Dangerous Goods VOC Volatile organic compounds vPvB very persistent and very bioaccumulative wet weight wwt 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:

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