

Bage 1 of 5 Safety data sheet according to Regulation (EC) No 1907/2006, Annex II Revision date / version: 19.10.2022 / 0010 Replacing version dated / version: 12.05.2022 / 0009 Valid from: 19.10.2022 PDF print date: 19.10.2022 COSMO® SP-620.110 (COSMOFEN Farbpaste weiß)		Solvent 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. 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 se	ection 4.1.
Safety data sheet according to Regulation (EC) No 1907	//2006, Annex II	In certain cases, the symptoms of poisoning may only appear after an extended period / after severa 4.3 Indication of any immediate medical attention and special treatment I Computer the sector of the sector	
SECTION 1: Identification of the substance		Symptomatic treatment. SECTION 5: Firefighting measures	
company/undertaking			
1.1 Product identifier		5.1 Extinguishing media Suitable extinguishing media	
COSMO® SP-620.110		Adapt to the nature and extent of fire. Water jet spray/foam/CO2/dry extinguisher Unsuitable extinguishing media	
(COSMOFEN Farbpaste weiß)		High volume water jet 5.2 Special hazards arising from the substance or mixture In case of fire the following can develop:	
1.2 Relevant identified uses of the substance or mixtur against	re and uses advised	Oxides of carbon Toxic gases 5.3 Advice for firefighters For personal protective equipment see Section 8.	
Relevant identified uses of the substance or mixture: Dye Uses advised against:		In case of fire and/or explosion do not breathe fumes. Protective respirator with independent air supply.	
Uses advised against: No information available at present.		According to size of fire Full protection, if necessary. Dispose of contaminated extinction water according to official regulations.	
1.3 Details of the supplier of the safety data sheet Weiss Chemie + Technik GmbH & Co. KG Hansastrasse 2		SECTION 6: Accidental release measures	
35708 Haiger Tel: +49 (0) 2773 / 815-0 msds@weiss-chemie.de		6.1 Personal precautions, protective equipment and emergency procedu	res
www.weiss-chemie.de		6.1.1 For non-emergency personnel In case of spillage or accidental release, wear personal protective equipment as specified in section	8 to
Our lifed acrossics a mail address info@abamical abad, do 1, asksuturabus	h@ehemiesteheek de Diesee DO	prevent contamination. Ensure sufficient ventilation, remove sources of ignition. Avoid dust formation with solid or powder products.	
Qualified person's e-mail address: info@chemical-check.de, k.schnurbusch NOT use for requesting Safety Data Sheets.	n@chemical-check.de Please DO	Leave the danger zone if possible, use existing emergency plans if necessary. Ensure sufficient supply of air.	
1.4 Emergency telephone number Emergency information services / official advisory bod	iv:	Avoid contact with eyes or skin. If applicable, caution - risk of slipping.	
Telephone number of the company in case of emergen	-	6.1.2 For emergency responders See section 8 for suitable protective equipment and material specifications. 6.2 Environmental precautions	
+49 (0) 700 / 24 112 112 (WIC) +1 872 5888271 (WIC)		If leakage occurs, dam up. Resolve leaks if this possible without risk.	
SECTION 2: Hazards identific	cation	Prevent surface and ground-water infiltration, as well as ground penetration. Prevent from entering drainage system.	
		6.3 Methods and material for containment and cleaning up Soak up with absorbent material (e.g. universal binding agent, sand, diatomaceous earth, sawdust) a	and
		dispose of according to Section 13	
2.1 Classification of the substance or mixture Classification according to Regulation (EC) 1272/2008 The mixture is not classified as dangerous in the terms of the Regulation (E		dispose of according to Section 13. Fill the absorbed material into lockable containers. 6.4 Reference to other sections For personal protective equipment see Section 8 and for disposal instructions see Section 13.	
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(COSMOFEN Farbpaste weiß)

Chemical Name	Dialumini	um cobalt tetraoxide			
WEL-TWA: 0,1 mg/m3 (coba		WEL-STEL:			
cobalt compounds, as Co), 10	mg/m3				
(total inhal. dust), 4 mg/m3 (res	p. dust)				
(aluminium oxides)					
Monitoring procedures:		ISO 15202 (Workpla	ace air - Det	ermination of	metals and
		metalloids in airborr			
		Plasma Atomic Emi	ission Spect	rometry), Part	1-3 - 2012(Part 1),
		2012(Part 2), 2004 ((Part 3) - EL	J project BC/C	EN/ENTR/000/2002-
	-	16 card 83-1 (2004))		
		IFA 7808 (Metalle (A	Arsen, Beryl	lium, Cadmiur	n, Cobalt, Nickel)
	-	und ihre Verbindung			
		MDHS 91/2 (Metals	and metallo	oids in workpla	ice air by X-ray
		fluorescence spectro			
	-	BC/CEN/ENTR/000			
	-	NIOSH 7027 (Coba			
			VENTS by IC	CP (Nitric/Perc	hloric Acid Ashing)) -
	-	2003			
	-	NIOSH 7301 (Eleme			
			ents by ICP	(Hot block HC	I/HNO3 digestion)) -
	-	2003			
		OSHA ID-121 (Meta			es in workplace
	-	atmospheres (Atom			
		OSHA ID-125G (Me		alloid particula	ites in workplace
	-	atmospheres (ICP))			
		OSHA ID-213 (Tung		balt in workpla	ace atmospheres
	-	(ICP analysis)) - 199			
BMGV:			Ot	her information	n:

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 manufacture 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 pro

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical propert
--

Physical state:	Liquid
Colour:	White
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:	Combustible.
Lower explosion limit:	There is no information available on this parameter.
Upper explosion limit:	There is no information available on this parameter.
Flash point:	n.a.
Auto-ignition temperature:	There is no information available on this parameter.
Decomposition temperature:	n.a.
pH:	Mixture is non-soluble (in water).
Kinematic viscosity:	There is no information available on this parameter.
Solubility:	Not miscible
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:	1,76 g/cm3
Relative vapour density:	There is no information available on this parameter.
Particle characteristics:	Does not apply to liquids.
9.2 Other information	
Explosives:	Product is not explosive.
Oxidising liquids:	No
Bulk density:	n.a.
SECTION 10: Stal	bility and reactivity

10.1 Reactivi	tv
---------------	----

The product has not been tested.

10.2 Chemical stability

Stable with proper storage and handling

10.3 Possibility of hazardous reactions

10.4 Conditions to avoid

See also section 7 None known

10.5 Incompatible materials

See also section 7. Avoid contact with strong alkalis.

Avoid contact with strong acids Avoid contact with strong oxidizing agents

10.6 Hazardous decomposition products

See also section 5.2

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) COSMO® SP-620.110

Toxicity / effect	Endpo	Value	Unit	Organis	Test method	Notes
	int			m		
Acute toxicity, by oral						n.d.a.
route:						
Acute toxicity, by						n.d.a.
dermal route:						
Acute toxicity, by						n.d.a.
inhalation:						

μm) Area of application Exposure route / Effect on Descri Valu Unit Note ptor Environmental health compartment Environment -PNEC 0,18 mg/ freshwater Environment PNEC ma/ marine Environment -water, sporadic 84 0,19 3 PNFC mg/ (intermittent) release Environment -PNEC 100 mg/l sewage treatment plant Environment PNEC 100 mg/kg

Titanium dioxide (in powder form containing 1 % or more of particles with aerodyn

sediment, freshwater Environment -0 100 dw mg/kg PNEC dw mg/kg dw mg/kg sediment, marine Environment - soil PNEC 100 Environment - oral PNEC 166 feed (animal feed) 700 DNEL Consumer Human - oral Long term mg/kg systemic effects Long term, local effects bw/d Workers / Human - inhalation DNEL mg/m3 employees

Aluminium oxide						
Area of application	Exposure route /	Effect on	Descri	Valu	Unit	Note
	Environmental	health	ptor	е		
	compartment					
	Environment -		PNEC	20	mg/l	
	sewage 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	
			1		bw/dav	

Iron(III)oxide						
Area of application	Exposure route / Environmental compartment	Effect on health	Descri ptor	Valu e	Unit	Note
Workers / employees	Human - inhalation	Long term, local effects	DNEL	10	mg/m3	

 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). (12) = Inhalable 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 CdV2 (7CE) in UVEL STEL = Workplace Evenceura Limit. Short term evenceure limit (16 minute) (Directive 2004/37/CE). | WEL-STEL = Workplace Exposure Limit - Short-term exposure limit (15-minute

(Directive 2004/37/CE). | WEL-STEL = workplace Exposure Limit - Shoreenin exposure limit, command the 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 soul of pruision

 $\begin{array}{l} \text{(13)} = \text{The substance can cause sensitisation of the skin and of the respiratory tract (Directive 2004/37/CE), \\ \text{(14)} = \text{The substance can cause sensitisation of the skin (Directive 2004/37/CE).} \end{array}$

8.2 Exposure controls

8.2.1 Appropriate engineering controls

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

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.

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

Eye/face protection: Tight fitting protective goggles with side protection (EN 166).

Skin protection - Hand protection: Chemical resistant protective gloves (EN ISO 374).

Recommended Protective nitrile gloves (EN ISO 374). Minimum layer thickness in mm:

0,5 - 1

Permeation time (penetration time) in minutes: 30

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: Normally not necessary.

Thermal hazards

Not applicable

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B) Page 3 of 5 Safety data sheet accord Revision date / version: Replacing version dated	19.10.2022	/ 0010		06, Annex II			Skin corrosion/irritation:				Rabbit	OECD 404 (Acute Dermal Irritation/Corrosio n)	Not irritar
Valid from: 19.10.2022 PDF print date: 19.10.20 COSMO® SP-620.110)22						Serious eye damage/irritation:				Rabbit	OECD 405 (Acute Eye Irritation/Corrosio n)	Not irrita
(COSMOFEN Farbpaste	e weiß)						Respiratory or skin sensitisation:				Guinea pig		Not sensitizis
Skin corrosion/irritation:						n.d.a.	Germ cell				1.5	in vivo	g Negative
Serious eye damage/irritation:						n.d.a.	mutagenicity:						Analogo
Respiratory or skin sensitisation:						n.d.a.	Symptoms:						constipa n
Germ cell						n.d.a.	Specific target organ	LOAE	70	mg/m	Rat		Lung
mutagenicity: Carcinogenicity:						n.d.a.	toxicity - repeated exposure (STOT-RE),	L		3			damage
Reproductive toxicity: Specific target organ			-			n.d.a. n.d.a.	inhalat.:						
toxicity - single exposure (STOT-SE):							Iron(III)oxide Toxicity / effect	Endpo	Value	Unit	Organis	Test method	Notes
Specific target organ toxicity - repeated						n.d.a.	Acute toxicity, by oral	Int LD50	>5000		m Rat		Analogo
exposure (STOT-RE): Aspiration hazard:						n.d.a.	route:	LC50	>210	mg/k g	Rat		conclusi
Symptoms:						n.d.a.	Acute toxicity, by inhalation:	LC50	>210	mg/m 3			
Titanium dioxide (in po	wder form	containing 1	% or more	e of particles	with aerodynamic di	ameter <= 10	Skin corrosion/irritation:				Rabbit		Not irrita Analogo
μm) Toxicity / effect	Endpo	Value	Unit	Organis	Test method	Notes							conclusi Mechar
Acute toxicity, by oral	int LD50	>5000	mg/k	m Rat	OECD 425								l irritation possible
route:	2000	10000	g		(Acute Oral Toxicity - Up- and-Down Procedure)		Serious eye damage/irritation:				Rabbit		Not irrita Analogo conclusi Mechar
Acute toxicity, by dermal route:	LD50	>5000	mg/k q	Rabbit									l irritatio possible
Acute toxicity, by inhalation:	LC50	>6,8	9 mg/l/ 4h	Rat			Germ cell mutagenicity:			1			No indicatio
Skin			-+11	Rabbit	OECD 404 (Acute Dermal	Not irritant							of such
corrosion/irritation:					Irritation/Corrosio		Carcinogenicity:						effect. No
Serious eye				Rabbit	n) OECD 405	Not irritant,							indication of such
damage/irritation:					(Acute Eye Irritation/Corrosio	Mechanical irritation	Reproductive toxicity:						effect. No
Respiratory or skin				Mouse	n) OECD 429 (Skin	possible. Not							indication of such
sensitisation:					Sensitisation - Local Lymph	sensitizisin g	Aspiration hazard:						effect. No
Respiratory or skin				Guinea	Node Assay) OECD 406 (Skin	No (skin	Symptoms:						respirato distress,
sensitisation: Germ cell				pig Mouse	Sensitisation) OECD 474	contact) Negative							coughin
mutagenicity:				modee	(Mammalian Erythrocyte Micronucleus	rioganio							membra irritation
Germ cell				Mammali	Test) OECD 473 (In	Negative	Dialuminium cobalt te Toxicity / effect	Endpo	Value	Unit	Organis	Test method	Notes
mutagenicity:				an	Vitro Mammalian Chromosome		Acute toxicity, by oral	LD50	>5000	mg/k	m Rat		
					Aberration Test)	N	route: Skin			g	Rabbit		Not irrita
Germ cell mutagenicity:				Salmonel la	(Ames-Test)	Negative	corrosion/irritation: Serious eye				Rabbit		Not irrita
				typhimuri um			damage/irritation:						
Germ cell mutagenicity:					OECD 476 (In Vitro Mammalian Cell	Negative	11.2. Information COSMO® SP-620.110	on other	r hazards				
					Gene Mutation Test)		(COSMOFEN Farbpas Toxicity / effect	te weiß) Endpo	Value	Unit	Organis	Test method	Notes
Germ cell mutagenicity:					OECD 471 (Bacterial	Negative	Endocrine disrupting	int			m		Does no
					Reverse Mutation Test)		properties:						apply to mixtures
Reproductive toxicity (Developmental				Rat	OECD 414 (Prenatal	No indications	Other information:						No other
toxicity):					Developmental Toxicity Study)	of such an effect.							relevant informati
Specific target organ toxicity - single						Not irritant (respiratory							availabl on adve
exposure (STOT-SE): Symptoms:						tract).							effects o health.
-,p.0.10.						membrane irritation,		0-0-			a al lut	met c	
						coughing, respiratory		SECI	ION 12: E	cologi	cal infor	mation	
						distress, drying of	Possibly more informat		onmental effe	cts, see Sec	tion 2.1 (class	ification).	
Specific torget areas	NOAE	3500	ma ^{//}	Pot		the skin. 90d	COSMO® SP-620.110						
Specific target organ toxicity - repeated	L	3000	mg/k g/d	Rat		900	(COSMOFEN Farbpas Toxicity / effect E		Tim Valu	u Unit	Organism		Notes
exposure (STOT-RE), oral:		10	<u> </u>				t 12.1. Toxicity to		e e	-	-	method	n.d.a.
Specific target organ toxicity - repeated	NOAE C	10	mg/m 3	Rat		90d	fish: 12.1. Toxicity to						n.d.a.
exposure (STOT-RE), inhalat.:							daphnia: 12.1. Toxicity to						n.d.a.
Aluminium oxide							algae: 12.2.						n.d.a.
Toxicity / effect	Endpo int	Value	Unit	Organis m	Test method	Notes	Persistence and						n.u.a.
Acute toxicity, by oral route:	LD50	>5000	mg/k g	Rat	OECD 401 (Acute Oral		degradability: 12.3.			-			n.d.a.
Acute toxicity, by oral	NOAE	30		Rat	Toxicity)	Analogous	Bioaccumulative potential:						
route:	L		mg/k g			conclusion	12.4. Mobility in soil:						n.d.a.
Acute toxicity, by	NOAE C	70	mg/m 3	Rat		subchronic	12.5. Results of PBT and vPvB						n.d.a.
inhalation:	1.**					Aerosol,			1	1	1	1	1
inhalation: Acute toxicity, by inhalation:	LC50	7,6	mg/l/ 4h	Rat		Maximum	assessment 12.6. Endocrine						Does no
nhalation: Acute toxicity, by	LC50	7,6		Rat									Does no apply to mixture



B) Page 4 of 5 Safety data sheet a Revision date / vers Replacing version (Valid from: 19.10.2 PDF print date: 19. COSMO® SP-620.	sion: 19.10.20 dated / versior 022 10.2022	22 / 001	0		6, Annex II			12.2. Persistence and degradability: 12.3. Not
COSMO® SF-620.								Bioaccumulative expect
12.7. Other		I	I				No	Toxicity to EC50 3h >10 mg/l activated ISO 8192 bacteria: 000 sludge
adverse effects:							information available on other adverse effects on	Dialuminium cobalt tetraoxide Toxicity / effect Endpoin Tim Valu Unit Organism Test Notest 12.1. Toxicity to LC0 100 mg/l Leuciscus <
							the environmen	fish: 0 idus 12.1. Toxicity to EC0 48h >10 mg/l Daphnia
Titanium dioxide (in novelar fa		ining 4.0		of porticion with	eered memie di	t.	daphnia: 000 magna
um) Toxicity / effect	Endpoin	Tim	Valu	Unit	Organism	Test	Notes	SECTION 13: Disposal considerations
12.1. Toxicity to	t LC50	e 96h	e >10	mg/l	Oncorhynch	method OECD 203		13.1 Waste treatment methods
ish:			0	5	us mykiss	(Fish, Acute Toxicity		For the substance / mixture / residual amounts EC disposal code no:
12.1. Toxicity to	LC50	48h	>10	mg/l	Daphnia	Test) OECD 202		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
daphnia:			0		magna	(Daphnia sp. Acute Immobilisati on Test)		allocated under certain circumstances. (2014/955/EU) 06 11 99 wastes not otherwise specified Recommendation: Sewage disposal shall be discouraged.
12.1. Toxicity to algae:	EC50	72h	16	mg/l	Pseudokirch neriella	U.S. EPA- 600/9-78-		Pay attention to local and national official regulations. E.g. suitable incineration plant.
12.2. Persistence and					subcapitata	018	Not relevant	E.g. dispose at suitable refuse site. For contaminated packing material
Persistence and degradability:							for inorganic	Pay attention to local and national official regulations. Empty container completely.
							substances	Uncontaminated packaging can be recycled. Dispose of packaging that cannot be cleaned in the same manner as the substance.
12.3. Bioaccumulative	BCF	42d	9,6				Not to be expected	SECTION 14: Transport information
ootential: 12.3. Bioaccumulative potential:	BCF	14d	19- 352				Oncorhync hus mykiss	General statements 14.1. UN number or ID number: Not applicable
12.4. Mobility in soil:							Negative	Transport by road/by rail (ADR/RID) 14.2. UN proper shipping name:
12.5. Results of PBT and vPvB							No PBT substance,	14.3. Transport hazard class(es): n.a. 14.4. Packing group: Not applicable
issessment							No vPvB substance	Classification code: Not applicable LQ: Not applicable
Toxicity to pacteria:	1.00	0.41	>50 00	mg/l	Escherichia coli			14.5. Environmental hazards: Not applicable Tunnel restriction code:
Toxicity to pacteria:	LC0	24h	>10 000	mg/l	Pseudomon as			Transport by sea (IMDG-code) 14.2. UN proper shipping name:
Toxicity to annelids:	NOEC/N OEL		>10 00	mg/k g	fluorescens Eisenia foetida			14.3. Transport hazard class(es): n.a. 14.4. Packing group: Not applicable
Water solubility:	022			9	loolidu		Insoluble20 °C	Marine Pollutant: n.a 14.5. Environmental hazards: Not applicable
Aluminium oxide								Transport by air (IATA) 14.2. UN proper shipping name:
Toxicity / effect	Endpoin t	Tim e	Valu e	Unit	Organism	Test method	Notes	14.3. Transport hazard class(es): n.a. 14.4. Packing group: Not applicable 14.5. Environmental hazards: Not applicable
12.1. Toxicity to ish: 12.1. Toxicity to	LC50 NOEC/N	96h 48h	218, 6 >0,1	mg/l	Pimephales promelas Daphnia	OECD 202		14.6. Special precautions for user
daphnia:	OEL	4011	35	mg/l	magna	(Daphnia sp. Acute Immobilisati		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.
12.1. Toxicity to	EC50		>10 0	mg/l	Daphnia	on Test)		SECTION 15: Regulatory information
daphnia: 12.3. Bioaccumulative			0		magna		Not to be expected	15.1 Safety, health and environmental regulations/legislation specific for the
ootential: 12.1. Toxicity to	EC50		>10	mg/l	Selenastrum			substance or mixture
algae:			0	-	capricornut um			Observe restrictions: General hygiene measures for the handling of chemicals are applicable.
12.1. Toxicity to algae:	NOEC/N OEL	72h	>=0, 052	mg/l	Selenastrum capricornut	OECD 201 (Alga,		Directive 2010/75/EU (VOC): 0 %
					um	Growth Inhibition		15.2 Chemical safety assessment
12.2. Persistence and						Test)	Inorganic products	A chemical safety assessment is not provided for mixtures. SECTION 16: Other information
degradability:							cannot be eliminated	
							from water through	Revised sections: 8
							biological purification	Classification and processes used to derive the classification of the mixture accordance with the ordinance (EG) 1272/2008 (CLP):
12.5. Results of							methods. No PBT	Not applicable
PBT and vPvB assessment							substance, No vPvB	The following phrases represent the posted Hazard Class and Risk Category Code (GHS/CLP) of the pro and the constituents (specified in Section 2 and 3).
							substance	and the constituents (specified in Section 2 and 3). H351 Suspected of causing cancer by inhalation.
ron(III)oxide Toxicity / effect	Endpoin	Tim	Valu e	Unit	Organism	Test method	Notes	Carc. — Carcinogenicity
12.5. Results of PBT and vPvB assessment	L	e	e	<u> </u>		memod	No PBT substance, No vPvB	Key literature references and sources for data: Regulation (EC) No 1907/2006 (REACH) and Regulation (EC) No 1272/2008 (CLP) as amended.
	LC50	96h	>10	mg/l	Leuciscus		substance Analogous	Guidelines on labelling and packaging according to the Regulation (EC) No 12/2/2006 (CLP) as amended. Guidelines on labelling and packaging according to the Regulation (EG) Nr. 1272/2008 (CLP) as amended
	L030				idus		conclusion	
12.1. Toxicity to iish: 12.1. Toxicity to daphnia:	EC50	48h	00 >10 0	mg/l	Daphnia magna	OECD 202 (Daphnia sp. Acute Immobilisati	COnclusion	(ECHA). Safety data sheets for the constituent substances. ECHA Homepage - Information about chemicals. GESTIS Substance Database (Germany).



<text></text>	Valid from:	ate: 19.10.2022
acc. acc. to according, according to Accord excepten relation transport international desimarchandises Dangereuses par Route (+ Accord excepten relation transport international Carriage of Dangereus Goods by Road) Accord excepten relation transport international Carriage of Dangereus Goods by Road) Accord excepten relation transport international Carriage of Dangereus Goods by Road) Approx. approximately Ar. Art. no.Article number ASTM ASTM International (American Society for Testing and Materials) Art. Art. no.Article number ASTM AstM Bundesanstalt für Arbeitschutz und Arbeitsmedizin (= Federal Institute for Occupational Health and Safety, Germany) BCF Bioconcentration factor BSEF The International Broinine Council by CF Bioconcentration factor BSEF Councementation factor		
acc. acc. to according, according to Accord excopen relation transport international des marchandises Dangereuses par Route (+ Accord excopen relation transport international Carriage of Dangereus Goods by Road) Accord excopen relation transport international Carriage of Dangereus Goods by Road) Accord excopen relation transport international Carriage of Dangereus Goods by Road) Accord excopen relation (American Society for Testing and Materials) ATM Ast M. International (American Society for Testing and Materials) Accord excopen relation factor Berling, Germany) SCP Bioconsentation factor SEF The International Biomine Council by Provide Section (Council Council Coun		on the transport of hazardous goods by road, rail, sea and air (ADR, RID, IMDG, IATA) as
ADR Accord eluropen neistif au transport international deem marchandses Dangereuses par Route (= European Agerement concerning the International Carrings of Dangerous Goods by Road) ADX Adsorbatie organic halogen compounds particle approxement occording the International Carring and Materials) ADX Adsorbatie organic halogen compounds particle Acta Concide Estimate BAM Bundesanstal für Atterialorschung und -prüfung (Federal Institute for Materials Research and Testing, Germany) BAVA Bundesanstal für Atterialorschung und -prüfung (Federal Institute for Materials Research and Testing, Germany) BAVA Bundesanstal für Atterialorschung und -prüfung (Federal Institute for Materials Research and Testing, Germany) BAVA Bundesanstal für Atterialorschung (REGULATION (EC) No 1272/2008 on classification, abelling and packaging of substances and mixtures) Characterial Adstrats Service CDC Dissistification, Labelling and Packaging (REGULATION (EC) No 1272/2008 on classification, abelling and packaging of substances and mixtures) CDC Dissistification, Labelling and Packaging (REGULATION (EC) No 1272/2008 on classification, abelling and packaging of substances and mixtures) CDC Dissistification, Labelling and Packaging (REGULATION (EC) No 1272/2008 on classification, abelling and packaging of substances and mixtures) CDC Dissistification (Labelling and Packaging (REGULATION (EC) No 1272/2008 on classification, abelling and packaging of substances and mixtures) CDC Dissistification (Labelling Community) EEC EX, EV, CX, ELX (x = 10, 50) Effect Concentration/Level for x % on reduction of the biomass affage, plants) EEC EX, EV, ELX (x = 10, 50) Effect Concentration/Level for x % on inhibition of the growth rate affage, plants) EEC EX, EV, end Notified Chemical Substances ELNCS European Invitorio Classification and Labelling of Chemicals CDC Dispan Dispan (Chemical Substances ELNCS European Invitorio Classification and Labelling of Chemicals CDC Dispan Dispan (Chemical Substances ELNCS European Invitorio Classification and Labelling	An	y abbreviations and acronyms used in this document:
European Agreement concerning the International Carriage of Dangerous Goods by Road) Approx. approximately Approx. Approximately ASTM ACM Advances on the ASTM International Content of Comparison and Comparison ASTM ACM Advances on the ASTM International Content of Comparison and Comparison ASTM Bundesanstalt für Arbeitsschutz und Arbeitsmedizin (= Federal Institute for Occupational Health and Safety, Germany) BCF Bioconcentration factor BSEF The International Biomime Council DSF Comparison Comparison ASTM Bundesanstalt für Arbeitsschutz und Arbeitsmedizin (= Federal Institute for Occupational Health and Safety, Germany) BCF Bioconcentration factor BSEF The International Biomime Council DSF Comparison COME Construction and Somime Council DSF Comparison COME Construction and Somime Council DSF Concentration factor CD Dissibility and packaging of substances and mixtures) COME control Minimum Effect Level DOC Dissibility and packaging of substances and mixtures) CC Dissibility and packaging of substances and mixtures) CC Dissibility and packaging of substances and mixtures) CC Dissibility and packaging of substances EDE Control Minimum Effect Level DEC Dissibility and packaging of substances EDE Control Minimum Effect Level DEC Estruction Community ECAL European Norms ENCS Estruction and the Coherenical Substances EUROS European Norms EME E		
ADR Accord eluropeen relatif au transport international dees marchandese Dangereuses par Route (= European Agreement concerning the International Carrings of Dangerous Goods by Road) Adv Adsorbable arganic halogen compounds approve approximately Adv Adsorbable arganic halogen compounds approve approximately ACX Adv	acc acc to	according according to
AOX Additable organic halogen compounds Arrow Article number Arrow Arts Provident Service Arrow Arts Provident Service BATM ASTM ASTM International (American Society for Testing and Materials) ASTM ASTM ASTM International (American Society for Testing and Materials) AstM Bundesanstall für Abeitsschutz und Arbeitsmedizin (= Federal Institute for Occupational Health and Safety, Germany) BAUA Bundesanstall für Abeitsschutz und Arbeitsmedizin (= Federal Institute for Occupational Health and Safety, Germany) BCF The International Bornine Council BCF Th	ADR	Accord européen relatif au transport international des marchandises Dangereuses par Route (=
approx. approximately Ar, Art. Art. Art. M. Tele analysis and the number ASTM ASTM International (American Society for Testing and Materials) Art. Art. Art. Art. Art. Art. Art. Art.		
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The statements made here should describe the product with regard to the necessary safety precautions - they		

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