

Safety Data Sheet

according to Regulation (EC) No 1907/2006

düfa Extrem Sealer

Revision date: 25.05.2023

Product code: 10071018000000

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SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1. Product identifier**

düfa Extrem Sealer

1.2. Relevant identified uses of the substance or mixture and uses advised against**Use of the substance/mixture**

Water-based undercoat

Uses advised against

None, use in accordance with instructions.

1.3. Details of the supplier of the safety data sheet

Company name:	Meffert AG Farbwerke	
Street:	Sandweg 15	
Place:	D-55543 Bad Kreuznach	
Telephone:	+49 671 870-0	Telefax: +49 671 870-397
e-mail:	info@meffert.com	
Contact person:	Regulatory Affairs Department	Telephone: +49 671 870-303
e-mail:	SDB@meffert.com	
Internet:	www.meffert.com	

1.4. Emergency telephone number:

00 800 63333782 Mon.–Fri. 7.30 a.m. – 8.00 p.m., Sat. 9.00 a.m. – 8.00 p.m.

SECTION 2: Hazards identification**2.1. Classification of the substance or mixture****Regulation (EC) No 1272/2008**

Skin Sens. 1; H317

Full text of hazard statements: see SECTION 16.

2.2. Label elements**Regulation (EC) No 1272/2008****Hazard components for labelling**

2-methyl-2H-isothiazol-3-one

1,2-benzisothiazol-3(2H)-one

reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)

Signal word: Warning**Pictograms:****Hazard statements**

H317 May cause an allergic skin reaction.

Precautionary statements

P102	Keep out of reach of children.
P280	Wear protective gloves.
P302+P352	IF ON SKIN: Wash with plenty of water.
P362+P364	Take off contaminated clothing and wash it before reuse.

Special labelling of certain mixtures

EUH211:Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist.

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2.3. Other hazards

No information available.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Hazardous components

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	Classification (Regulation (EC) No 1272/2008)			
13463-67-7	Titanium dioxide			5 - < 10 %
	236-675-5		01-2119489379-17	
	Carc. 2; H351			
471-34-1	calcium carbonate			3 - < 5 %
	207-439-9		01-2119486795-18	
2682-20-4	2-methyl-2H-isothiazol-3-one			< 0.1 %
	220-239-6		01-2120764690-50	
	Acute Tox. 2, Acute Tox. 3, Acute Tox. 3, Skin Corr. 1B, Eye Dam. 1, Skin Sens. 1A, Aquatic Acute 1, Aquatic Chronic 1; H330 H311 H301 H314 H318 H317 H400 H410			
2634-33-5	1,2-benzisothiazol-3(2H)-one			< 0.1 %
	220-120-9	613-088-00-6	01-2120761540-60	
	Acute Tox. 2, Acute Tox. 4, Skin Irrit. 2, Eye Dam. 1, Skin Sens. 1, Aquatic Acute 1, Aquatic Chronic 2; H330 H302 H315 H318 H317 H400 H411			
55965-84-9	reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)			< 0.1 %
	-	613-167-00-5	01-2120764691-48	
	Acute Tox. 2, Acute Tox. 2, Acute Tox. 3, Skin Corr. 1C, Eye Dam. 1, Skin Sens. 1A, Aquatic Acute 1, Aquatic Chronic 1; H330 H310 H301 H314 H318 H317 H400 H410 EUH071			

Full text of H and EUH statements: see section 16.

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Specific Conc. Limits, M-factors and ATE

CAS No	EC No	Chemical name	Quantity
		Specific Conc. Limits, M-factors and ATE	
13463-67-7	236-675-5	Titanium dioxide	5 - < 10 %
		dermal: LD50 = >10000 mg/kg; oral: LD50 = >5000 mg/kg Carc. 2; H351: >= 100 - 100	
471-34-1	207-439-9	calcium carbonate	3 - < 5 %
		dermal: LD50 = >2000 mg/kg; oral: LD50 = >2000 mg/kg	
2682-20-4	220-239-6	2-methyl-2H-isothiazol-3-one	< 0.1 %
		inhalation: ATE = 0,5 mg/l (vapours); inhalation: ATE = 0,05 mg/l (dusts or mists); dermal: LD50 = >2000 mg/kg; oral: LD50 = 285 mg/kg Skin Sens. 1A; H317: >= 0,0015 - 100 M acute; H400: M=10 M chron.; H410: M=1	
2634-33-5	220-120-9	1,2-benzisothiazol-3(2H)-one	< 0.1 %
		inhalation: ATE = 0,5 mg/l (vapours); inhalation: ATE = 0,05 mg/l (dusts or mists); dermal: LD50 = >2000 mg/kg; oral: LD50 = 531 mg/kg Skin Sens. 1; H317: >= 0,05 - 100 M acute; H400: M=1	
55965-84-9	-	reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)	< 0.1 %
		inhalation: ATE = 0,5 mg/l (vapours); inhalation: LC50 = 0,33 mg/l (dusts or mists); dermal: LD50 = >75 mg/kg; oral: LD50 = 49,6-75 mg/kg Skin Corr. 1C; H314: >= 0,6 - 100 Skin Irrit. 2; H315: >= 0,06 - < 0,6 Eye Dam. 1; H318: >= 0,6 - 100 Eye Irrit. 2; H319: >= 0,06 - < 0,6 Skin Sens. 1A; H317: >= 0,0015 - 100 M acute; H400: M=100 M chron.; H410: M=100	

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

Remove contaminated, saturated clothing immediately. When in doubt or if symptoms are observed, get medical advice. In case of allergic symptoms, especially in the breathing area, seek medical advice immediately.

After inhalation

If breathing is irregular or stopped, administer artificial respiration. Medical treatment necessary. Provide fresh air.

After contact with skin

After contact with skin, wash immediately with polyethylene glycol, followed by plenty of water. Take off immediately all contaminated clothing and wash it before reuse. If skin irritation occurs: Get medical advice/attention. Wash immediately with: Water and soap. Do not wash with: Solvents/Thinner

After contact with eyes

Rinse immediately carefully and thoroughly with eye-bath or water. In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist. Remove contact lenses, if present and easy to do. Continue rinsing. Seek medical advice immediately.

After ingestion

Do NOT induce vomiting. Rinse mouth immediately and drink plenty of water. Call a physician immediately.

4.2. Most important symptoms and effects, both acute and delayed

No known symptoms to date.

4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically. Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

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Suitable extinguishing media

Co-ordinate fire-fighting measures to the fire surroundings. The product itself does not burn. Co-ordinate fire-fighting measures to the fire surroundings.

Unsuitable extinguishing media

Full water jet

5.2. Special hazards arising from the substance or mixture

Non-flammable. In case of fire may be liberated: Carbon dioxide (CO₂). Carbon monoxide

5.3. Advice for firefighters

In case of fire: Wear self-contained breathing apparatus. Use water spray jet to protect personnel and to cool endangered containers.

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

Additional information

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water. In case of fire: Wear self-contained breathing apparatus.

SECTION 6: Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures****General advice**

Provide adequate ventilation.

6.2. Environmental precautions

Do not allow to enter into surface water or drains. Do not allow to enter into surface water or drains. If the product contaminates lakes, rivers or sewages, inform appropriate authorities in accordance with local regulations.

6.3. Methods and material for containment and cleaning up**Other information**

Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents). Treat the recovered material as prescribed in the section on waste disposal. Take up mechanically, placing in appropriate containers for disposal.

Methods and material for containment and cleaning up: Sand Sawdust Universal binder

6.4. Reference to other sections

Safe handling: see section 7

Personal protection equipment: see section 8

Disposal: see section 13 Safe handling: see section 7 Personal protection equipment: see section 8

Treat the recovered material as prescribed in the section on waste disposal.

SECTION 7: Handling and storage**7.1. Precautions for safe handling****Advice on safe handling**

Avoid contact with skin, eyes and clothes. Avoid breathing dust/fume/gas/mist/vapours/spray. When using do not eat, drink or smoke. Personal protection equipment: see section 8

Advice on protection against fire and explosion

No special fire protection measures are necessary.

Advice on general occupational hygiene

Take off contaminated clothing. Wash hands before breaks and after work. When using do not eat or drink. Provide fresh air.

7.2. Conditions for safe storage, including any incompatibilities**Requirements for storage rooms and vessels**

Keep container tightly closed. Always close containers tightly after the removal of product.

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Hints on joint storage

Do not store together with: Acid alkali

Further information on storage conditions

Keep/Store only in original container. Protect from direct sunlight. Avoid heat and frost.

7.3. Specific end use(s)

Primers

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

DNEL/DMEL values

CAS No	Name of agent			
DNEL type		Exposure route	Effect	Value
13463-67-7	Titanium dioxide			
Worker DNEL, long-term		inhalation	local	10
Consumer DNEL, long-term		oral	systemic	700
471-34-1	calcium carbonate			
Consumer DNEL, long-term		inhalation	systemic	10 mg/m³
Consumer DNEL, long-term		inhalation	local	1,06 mg/m³
Worker DNEL, long-term		inhalation	systemic	10 mg/m³
Worker DNEL, long-term		inhalation	local	4,26 mg/m³
Consumer DNEL, long-term		oral	systemic	6,1 mg/kg bw/day
2634-33-5	1,2-benzisothiazol-3(2H)-one			
Worker DNEL, long-term		inhalation	systemic	6,8 mg/m³
Worker DNEL, long-term		dermal	systemic	0,966 mg/kg bw/day
Consumer DNEL, long-term		inhalation	systemic	1,2 mg/m³
Consumer DNEL, long-term		dermal	systemic	0,345 mg/kg bw/day
55965-84-9	reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)			
Worker DNEL, long-term		inhalation	local	0,02 mg/m³
Worker DNEL, acute		inhalation	local	0,04 mg/m³
Consumer DNEL, long-term		inhalation	local	0,02 mg/m³
Consumer DNEL, acute		inhalation	local	0,04 mg/m³
Consumer DNEL, long-term		oral	systemic	0,11 mg/kg bw/day
Consumer DNEL, acute		oral	systemic	0,09 mg/kg bw/day

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PNEC values

CAS No	Name of agent	
Environmental compartment		Value
13463-67-7	Titanium dioxide	
Freshwater		0,127 mg/l
Freshwater (intermittent releases)		0,61 mg/l
Marine water		1 mg/l
Freshwater sediment		1000 mg/kg
Marine sediment		100 mg/kg
Micro-organisms in sewage treatment plants (STP)		100 mg/l
Soil		100 mg/kg
471-34-1	calcium carbonate	
Micro-organisms in sewage treatment plants (STP)		100 mg/l
2634-33-5	1,2-benzisothiazol-3(2H)-one	
Freshwater		0,00403 mg/l
Freshwater (intermittent releases)		0,0011 mg/l
Marine water		0,000403 mg/l
Marine water (intermittent releases)		0,0011 mg/l
Freshwater sediment		0,049 mg/l
Marine sediment		0,00499 mg/kg
Micro-organisms in sewage treatment plants (STP)		1,03 mg/l
Soil		3 mg/kg
55965-84-9	reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)	
Freshwater		0,0039 mg/l
Freshwater (intermittent releases)		0,0039 mg/l
Marine water		0,0039 mg/l
Marine water (intermittent releases)		0,0039 mg/l
Freshwater sediment		0,027 mg/kg
Marine sediment		0,027 mg/kg
Micro-organisms in sewage treatment plants (STP)		0,23 mg/l
Soil		0,01 mg/kg

8.2. Exposure controls

Appropriate engineering controls

Provide adequate ventilation.

Individual protection measures, such as personal protective equipment

Eye/face protection

Wear eye/face protection. Wear eye/face protection.

Wear protective glasses during application with a spray gun.

Hand protection

When handling with chemical substances, protective gloves must be worn with the CE-label including the four control digits. The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves. The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances. Replace when

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worn.

For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves. See information supplied by the manufacturer.

Suitable material: NBR (Nitrile rubber). Wear cotton undermitten if possible.

Breakthrough time: >480 min.

Thickness of the glove material: >0,5 mm

Skin protection

Wear suitable protective clothing. Body protection: not required.

Respiratory protection

In case of inadequate ventilation wear respiratory protection. In case of spray processing: Filtering device (full mask or mouthpiece) with filter: A2/P2

Environmental exposure controls

Do not allow to enter into surface water or drains.

SECTION 9: Physical and chemical properties**9.1. Information on basic physical and chemical properties**

Physical state:	Liquid	
Colour:	colourless	
Odour:	sweetish	
Melting point/freezing point:		not determined
Boiling point or initial boiling point and boiling range:		120 °C
Flammability		
Solid/liquid:		not applicable
Gas:		not applicable
Lower explosion limits:		not applicable
Upper explosion limits:		not applicable
Flash point:		na
Auto-ignition temperature:		not applicable
Decomposition temperature:		not applicable
pH-Value:		8,4 - 8,9
Viscosity / kinematic:		na
Water solubility:		not applicable
Solubility in other solvents		
not determined		
Partition coefficient n-octanol/water:		not determined
Vapour pressure:		not determined
Density:		1,58 g/cm ³
Relative vapour density:		not determined

9.2. Other information**Information with regard to physical hazard classes**

Sustaining combustion:	Not sustaining combustion
Self-ignition temperature	
Solid:	not applicable
Gas:	not applicable
Oxidizing properties	
Not oxidising.	

Other safety characteristics

Evaporation rate:	not determined
Solvent separation test:	not applicable
Solid content:	not determined

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Sublimation point:	not applicable
Softening point:	not applicable
Pour point:	not applicable
Flow time:	na

Further Information

none

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

This material is considered to be non-reactive under normal use conditions.

10.2. Chemical stability

The mixture is chemically stable under recommended conditions of storage, use and temperature.

10.3. Possibility of hazardous reactions

Exothermic reaction with: Oxidising agent, Strong acid, Strong alkali

10.4. Conditions to avoid

Do not dry up the product. Avoid heat and frost.

10.5. Incompatible materials

Materials that react with water. Alkali (lye) Acid Oxidising agent.

10.6. Hazardous decomposition productsIn case of fire may be liberated: Carbon dioxide (CO₂). Carbon monoxide Nitrogen oxides (NO_x)**SECTION 11: Toxicological information****11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008****Acute toxicity**

Based on available data, the classification criteria are not met.

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CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
13463-67-7	Titanium dioxide				
	oral	LD50 >5000 mg/kg	Rat		OECD 425
	dermal	LD50 >10000 mg/kg	Rabbit		
471-34-1	calcium carbonate				
	oral	LD50 >2000 mg/kg	Rat		OECD 420
	dermal	LD50 >2000 mg/kg	Rat		OECD 402
2682-20-4	2-methyl-2H-isothiazol-3-one				
	oral	LD50 285 mg/kg	Rat		
	dermal	LD50 >2000 mg/kg	Rat		
	inhalation vapour	ATE 0,5 mg/l			
	inhalation dust/mist	ATE 0,05 mg/l			
2634-33-5	1,2-benzisothiazol-3(2H)-one				
	oral	LD50 531 mg/kg	Rat		OECD 423
	dermal	LD50 >2000 mg/kg	Rat		OECD 402
	inhalation vapour	ATE 0,5 mg/l			
	inhalation dust/mist	ATE 0,05 mg/l			
55965-84-9	reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)				
	oral	LD50 49,6-75 mg/kg	Rat		
	dermal	LD50 >75 mg/kg	Rabbit		
	inhalation vapour	ATE 0,5 mg/l			
	inhalation (4 h) dust/mist	LC50 0,33 mg/l	Rat		

Irritation and corrosivity

Based on available data, the classification criteria are not met.

Sensitising effects

May cause an allergic skin reaction. (2-methyl-2H-isothiazol-3-one; 1,2-benzisothiazol-3(2H)-one; reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1))

Carcinogenic/mutagenic/toxic effects for reproduction

Based on available data, the classification criteria are not met.

STOT-single exposure

Based on available data, the classification criteria are not met.

STOT-repeated exposure

Based on available data, the classification criteria are not met.

Aspiration hazard

Based on available data, the classification criteria are not met.

Additional information on tests

The mixture is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].

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11.2. Information on other hazards**Endocrine disrupting properties**

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

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

The product is not: Ecotoxic.

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CAS No	Chemical name					
	Aquatic toxicity	Dose	[h] [d]	Species	Source	Method
13463-67-7	Titanium dioxide					
	Acute fish toxicity	LC50 mg/l	>10000	96 h	Cyprinus carpio (Common Carp)	OECD 203
	Acute algae toxicity	ErC50 mg/l	>100	72 h	Pseudokirchneriella subcapitata	
	Acute crustacea toxicity	EC50 mg/l	>100	48 h	Daphnia magna (Big water flea)	
471-34-1	calcium carbonate					
	Acute algae toxicity	ErC50	>14 mg/l	72 h	Desmodesmus subspicatus	
	Acute bacteria toxicity	(EC50 mg/l)	>1000	3 h	Activated sludge	
2682-20-4	2-methyl-2H-isothiazol-3-one					
	Acute fish toxicity	LC50 mg/l	>0,15	96 h	Danio rerio (zebrafish)	
	Acute algae toxicity	ErC50 mg/l	0,157	72 h	Pseudokirchneriella subcapitata	
	Acute crustacea toxicity	EC50 mg/l	0,87	48 h	Daphnia magna (Big water flea)	
	Acute bacteria toxicity	(EC50 mg/l)	34,6	3 h	Activated sludge	
2634-33-5	1,2-benzisothiazol-3(2H)-one					
	Acute fish toxicity	LC50 mg/l	2,15	96 h	Oncorhynchus mykiss (Rainbow trout)	OECD 203
	Acute algae toxicity	ErC50 mg/l	0,11	72 h	Pseudokirchneriella subcapitata	OECD 201
	Acute crustacea toxicity	EC50	2,9 mg/l	48 h	Daphnia magna (Big water flea)	OECD 202
	Fish toxicity	NOEC mg/l	0,21	28 d	Oncorhynchus mykiss (Rainbow trout)	OECD 215
	Algae toxicity	NOEC mg/l	0,0403	3 d	Pseudokirchneriella subcapitata	OECD 201
	Acute bacteria toxicity	(EC50 mg/l)	12,8	3 h	Activated sludge	OECD 209
55965-84-9	reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)					
	Acute fish toxicity	LC50 mg/l	0,19	96 h	Oncorhynchus mykiss (Rainbow trout)	OECD 202
	Acute algae toxicity	ErC50 mg/l	0,027	72 h	Pseudokirchneriella subcapitata	OECD 201
	Acute crustacea toxicity	EC50 mg/l	0,16	48 h	Daphnia magna (Big water flea)	OECD 203
	Fish toxicity	NOEC mg/l	0,05	14 d	Oncorhynchus mykiss (Rainbow trout)	
	Algae toxicity	NOEC mg/l	0,0012	3 d	Pseudokirchneriella subcapitata	OECD 201
	Crustacea toxicity	NOEC	0,1 mg/l	21 d	Daphnia magna (Big water flea)	
	Acute bacteria toxicity	(EC50 mg/l)	7,92	3 h	Activated sludge	OECD 209

12.2. Persistence and degradability

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The product has not been tested.

CAS No	Chemical name	Method	Value	d	Source
		Evaluation			
2634-33-5	1,2-benzisothiazol-3(2H)-one				
	OECD 301B/ ISO 9439/ EEC 92/69/V, C.4-C	70-80%	28		
55965-84-9	reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)				
	OECD 301D/ EEC 92/69/V, C.4-E	>60%			
	Readily biodegradable (according to OECD criteria).				
	OECD 302B/ ISO 9888/ EEC 92/69/V, C.9	100%			
	OECD 303/ EEC 92/69/V, C10	>80%			

12.3. Bioaccumulative potential

The product has not been tested.

Partition coefficient n-octanol/water

CAS No	Chemical name	Log Pow
2682-20-4	2-methyl-2H-isothiazol-3-one	-0,32
2634-33-5	1,2-benzisothiazol-3(2H)-one	0,7
55965-84-9	reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)	<3

BCF

CAS No	Chemical name	BCF	Species	Source
13463-67-7	Titanium dioxide	19-352	Oncorhynchus mykiss (Rainbow trout)	
2682-20-4	2-methyl-2H-isothiazol-3-one	3,16	No data available	
2634-33-5	1,2-benzisothiazol-3(2H)-one	189	Danio rerio (zebrafish)	OECD 305
55965-84-9	reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)	<100		

12.4. Mobility in soil

The product has not been tested.

12.5. Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

The product has not been tested.

12.6. Endocrine disrupting properties

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

12.7. Other adverse effects

No information available.

Further information

Avoid release to the environment. There are no data available on the mixture itself.

Do not allow to enter into surface water or drains.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal recommendations

Do not allow to enter into surface water or drains. Dispose of waste according to applicable legislation. Do not allow to enter into surface water or drains.

Dispose according to legislation.

Dried out material residue can be disposed of with household waste. For liquid material residue, contact your

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local waste collection provider.

List of Wastes Code - residues/unused products

080112 WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS; wastes from MFSU and removal of paint and varnish; waste paint and varnish other than those mentioned in 08 01 11

List of Wastes Code - contaminated packaging

150102 WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED; packaging (including separately collected municipal packaging waste); plastic packaging

Contaminated packaging

Wash with plenty of water. Completely emptied packages can be recycled. Contaminated packages must be completely emptied and can be re-used following proper cleaning. Packing which cannot be properly cleaned must be disposed of. Completely emptied packages can be recycled.

SECTION 14: Transport information**Land transport (ADR/RID)**

<u>14.1. UN number or ID number:</u>	No dangerous good in sense of this transport regulation.
<u>14.2. UN proper shipping name:</u>	No dangerous good in sense of this transport regulation.
<u>14.3. Transport hazard class(es):</u>	No dangerous good in sense of this transport regulation.
<u>14.4. Packing group:</u>	No dangerous good in sense of this transport regulation.

Inland waterways transport (ADN)

<u>14.1. UN number or ID number:</u>	No dangerous good in sense of this transport regulation.
<u>14.2. UN proper shipping name:</u>	No dangerous good in sense of this transport regulation.
<u>14.3. Transport hazard class(es):</u>	No dangerous good in sense of this transport regulation.
<u>14.4. Packing group:</u>	No dangerous good in sense of this transport regulation.

Marine transport (IMDG)

<u>14.1. UN number or ID number:</u>	No dangerous good in sense of this transport regulation.
<u>14.2. UN proper shipping name:</u>	No dangerous good in sense of this transport regulation.
<u>14.3. Transport hazard class(es):</u>	No dangerous good in sense of this transport regulation.
<u>14.4. Packing group:</u>	No dangerous good in sense of this transport regulation.

Air transport (ICAO-TI/IATA-DGR)

<u>14.1. UN number or ID number:</u>	No dangerous good in sense of this transport regulation.
<u>14.2. UN proper shipping name:</u>	No dangerous good in sense of this transport regulation.
<u>14.3. Transport hazard class(es):</u>	No dangerous good in sense of this transport regulation.
<u>14.4. Packing group:</u>	No dangerous good in sense of this transport regulation.

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: No

14.6. Special precautions for user

No information available.

14.7. Maritime transport in bulk according to IMO instruments

No dangerous good in sense of this transport regulation.

SECTION 15: Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****EU regulatory information**

Restrictions on use (REACH, annex XVII):

Entry 3, Entry 75

2010/75/EU (VOC): 0,026 % (0,412 g/l)

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2004/42/EC (VOC): 0,016 % (0,256 g/l)

National regulatory information

Water hazard class (D): 1 - slightly hazardous to water
Skin resorption/Sensitization: Causes allergic hypersensitivity reactions.

15.2. Chemical safety assessment

Chemical safety assessments for substances in this mixture were not carried out.

SECTION 16: Other information**Abbreviations and acronyms**

ADR: Accord européen sur le transport des marchandises dangereuses par Route
(European Agreement concerning the International Carriage of Dangerous Goods by Road)
IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association
GHS: Globally Harmonized System of Classification and Labelling of Chemicals
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service
LC50: Lethal concentration, 50%
LD50: Lethal dose, 50%

Key literature references and sources for dataSources: <http://www.gisbau.de> <http://www.baua.de>**Classification for mixtures and used evaluation method according to regulation (EC) No 1272/2008 [CLP]**

Classification	Classification procedure
Skin Sens. 1; H317	Calculation method

Relevant H and EUH statements (number and full text)

H301 Toxic if swallowed.
H302 Harmful if swallowed.
H310 Fatal in contact with skin.
H311 Toxic in contact with skin.
H314 Causes severe skin burns and eye damage.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H318 Causes serious eye damage.
H330 Fatal if inhaled.
H351 Suspected of causing cancer if inhaled.
H400 Very toxic to aquatic life.
H410 Very toxic to aquatic life with long lasting effects.
H411 Toxic to aquatic life with long lasting effects.
EUH071 Corrosive to the respiratory tract.

Further Information

The information is based on the present level of our knowledge. It does not, however, give assurance of product properties and establishes no contract legal rights. The receiver of our product is singularly responsible for adhering to existing laws and regulations.

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Identified uses

No	Short title	LCS	SU	PC	PROC	ERC	AC	TF	Specification
1	Coatings and paints, thinners, paint removers	-	-	9a	10, 11	-	-	-	

LCS: Life cycle stages

SU: Sectors of use

PC: Product categories

PROC: Process categories

ERC: Environmental release categories

AC: Article categories

TF: Technical functions

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)