This safety data sheet was created pursuant to the requirements of: Regulation (EC) No. 1907/2006 and Regulation (EC) No. 1272/2008



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

1.1. Product identifier

Product Name: ContiPur MultiProtect weiss

Article number: 012070360514

UFI: nicht erforderlich

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

Product categories [PC]: PC9 - Coatings and paints, fillers, putties, thinners

Sector of uses [SU]: SU19 - Building and construction work

1.3. Details of the supplier of the safety data sheet

Supplier: conti coatings GmbH & Co. KG

Feldstrasse 55

D - 46149 Oberhausen Telefon: +49 208/ 9948-0 Telefax: +49 208/ 650625 www.conticoatings.com

E-mail address sds.ob@conticoatings.com

1.4. Emergency telephone number

Emergency Telephone: +49 177 / 214 4737 (24 h)

Emergency Telephone - §45 - (EC)1272/2008				
Europe	112			
Austria	+43 1 406 43 43 (Giftinformationszentrale)			

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

This mixture is classified as not hazardous according to regulation (EC) 1272/2008 [CLP]

2.2. Label elements

This mixture is classified as not hazardous according to regulation (EC) 1272/2008 [CLP]

Hazard statements:

EU Specific Hazard Statements:

EUH211 - Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist. EUH208 - Contains 1,2-Benzisothiazol-3(2H)-one, 5-Chloro-2-methyl-3(2H)-isothiazolone, mixture with 2-methyl-3(2H)-isothiazolone, 1-Propanamine, 3-(triethoxysilyl)- May produce an allergic reaction.

2.3. Other hazards

No information available.

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SECTION 3: Composition/information on ingredients

3.1 Substances

Not applicable

3.2 Mixtures

Chemical name	CAS No	EC No	REACH registration	Classification	Weight-%
			number	according to Regulation (EC) No. 1272/2008 [CLP]	
Titanium dioxide	13463-67-7	236-675-5	01-2119489379-17		10 - < 25
Talc (Mg3H2(SiO3)4)	14807-96-6	238-877-9	-		5 - < 10
Dipropylene glycol monomethyl ether	34590-94-8	252-104-2	01-2119450011-60	[B]	1 - < 3
Benzenebutanoic acid, 4-methylgammaoxo-, compound with 4-ethylmorpholine (2:1)	171054-89-0	419-240-6	01-00000016594-65	Eye Dam. 1 (H318)	0.25 - < 0.5
1-Propanamine, 3-(triethoxysilyl)-	919-30-2	213-048-4	01-2119480479-24	Acute Tox. 4 (H302) Skin Corr. 1B (H314) Eye Dam. 1 (H318) Skin Sens. 1B (H317)	0.25 - < 0.5
2-Amino-2-methyl-1-propanol	124-68-5	204-709-8	01-2119475788-16	Skin Irrit. 2 (H315) Eye Dam. 1 (H318) Aquatic Chronic 3 (H412)	0.1 - < 0.25
1,2-Benzisothiazol-3(2H)-one	2634-33-5	220-120-9	01-2120761540-60	Acute Tox. 4 (H302) Skin Irrit. 2 (H315) Skin Sens. 1 (H317) Eye Dam. 1 (H318) Acute Tox. 2 (H330) Aquatic Acute 1 (H400) Aquatic Chronic 2 (H411)	0.01 - < 0.05
Zinc pyrithione	13463-41-7	236-671-3	01-2119511196-46	Acute Tox. 3 (H301) Eye Dam. 1 (H318) Acute Tox. 2 (H330) Repr. 1B (H360D) STOT RE 1 (H372) Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410)	0.01 - < 0.05
5-Chloro-2-methyl-3(2H)-isothi azolone, mixture with 2-methyl-3(2H)-isothiazolone	55965-84-9	611-341-5 911-418-6	01-2120764691-48	Acute Tox. 3 (H301) Acute Tox. 2 (H310) Skin Corr. 1B (H314) Skin Sens. 1A (H317) Eye Dam. 1 (H318) Acute Tox. 2 (H330) Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410) (EUH071)	0.0005 - < 0.001

[B] - Substance with a Community workplace exposure limit

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Chemical name	Specific concentration limit (SCL)	M-Factor	M-Factor (long-term)	Notes
1,2-Benzisothiazol-3(2H)-one 2634-33-5	Skin Sens. 1 :: C>=0.05%			
Zinc pyrithione 13463-41-7		1000	10	
5-Chloro-2-methyl-3(2H)-isothiazolon e, mixture with 2-methyl-3(2H)-isothiazolone 55965-84-9	Skin Corr. 1C :: C>=0.6% Skin Irrit. 2 :: 0.06%<=C<0.6% Eye Dam. 1 :: C>=0.6% Eye Irrit. 2 :: 0.06%<=C<0.6% Skin Sens. 1A :: C>=0.0015%	100	100	

Acute Toxicity Estimate:

If LD50/LC50 data is not available or does not correspond to the classification category, then the appropriate conversion value from CLP Annex I, Table 3.1.2, is used to calculate the acute toxicity estimate (ATEmix) for classifying a mixture based on its components

Chemical name	Oral LD50 mg/kg	Dermal LD50 mg/kg	Inhalation LC50 - 4 hour - dust/mist - mg/L	Inhalation LC50 - 4 hour - vapor - mg/L	Inhalation LC50 - 4 hour - gas - ppm
Titanium dioxide 13463-67-7	10010	No data available	7	No data available	No data available
Talc (Mg3H2(SiO3)4) 14807-96-6	> 5000	No data available	No data available	No data available	No data available
Dipropylene glycol monomethyl ether 34590-94-8	5350	9500	21	No data available	No data available
Benzenebutanoic acid, 4-methylgammaoxo-, compound with 4-ethylmorpholine (2:1) 171054-89-0	2002	2002	No data available	No data available	No data available
1-Propanamine, 3-(triethoxysilyl)- 919-30-2	1780	4290	145	No data available	No data available
2-Amino-2-methyl-1-propanol 124-68-5	2900	2002	No data available	No data available	No data available
1,2-Benzisothiazol-3(2H)-one 2634-33-5	490	2000	0.0501	0.501	No data available
Zinc pyrithione 13463-41-7	177	100	0.0501	3	No data available
5-Chloro-2-methyl-3(2H)-isothi azolone, mixture with 2-methyl-3(2H)-isothiazolone 55965-84-9	457	660	0.0501	0.501	No data available

Full text of H- and EUH-phrases: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

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Inhalation: Remove to fresh air.

Eye contact: Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper

eyelids. Consult a physician.

Skin contact: Wash skin with soap and water. In the case of skin irritation or allergic reactions see a

physician.

Ingestion: Rinse mouth.

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

Symptoms: No information available.

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

Note to physicians: Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable Extinguishing Media: Use extinguishing measures that are appropriate to local circumstances and the

surrounding environment.

Large Fire: CAUTION: Use of water spray when fighting fire may be inefficient.

Unsuitable extinguishing media: Do not scatter spilled material with high pressure water streams.

5.2. Special hazards arising from the substance or mixture

Specific hazards arising from the

chemical:

No information available.

5.3. Advice for firefighters

Special protective equipment and precautions for fire-fighters:

Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Ensure adequate ventilation.

For emergency responders: Use personal protection recommended in Section 8.

6.2. Environmental precautions

Environmental precautions: See Section 12 for additional Ecological Information.

6.3. Methods and material for containment and cleaning up

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Methods for containment: Prevent further leakage or spillage if safe to do so.

Methods for cleaning up: Take up mechanically, placing in appropriate containers for disposal.

Prevention of secondary hazards: Clean contaminated objects and areas thoroughly observing environmental regulations.

6.4. Reference to other sections

Reference to other sections: See section 8 for more information. See section 13 for more information.

SECTION 7: Handling and storage

7.1. Precautions for safe handling



Advice on safe handling: Ensure adequate ventilation.

General hygiene considerations: Handle in accordance with good industrial hygiene and safety practice.

7.2. Conditions for safe storage, including any incompatibilities

Storage Conditions: Keep container tightly closed in a dry and well-ventilated place.

7.3. Specific end use(s)

Other information: No information available.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure Limits:

Chemical name	European Union	Germany	Netherlands	Spain	United Kingdom	Hungary
Titanium dioxide 13463-67-7		TWA: 1.25 mg/m ³ TWA: 10 mg/m ³		TWA: 10 mg/m ³	TWA: 10 mg/m ³ TWA: 4 mg/m ³ STEL: 30 mg/m ³ STEL: 12 mg/m ³	
Talc (Mg3H2(SiO3)4) 14807-96-6		TWA: 1.25 mg/m ³ TWA: 10 mg/m ³	TWA: 0.25 mg/m ³	TWA: 2 mg/m ³	TWA: 1 mg/m ³ STEL: 3 mg/m ³	TWA: 2 mg/m ³
Dipropylene glycol monomethyl ether 34590-94-8	TWA: 50 ppm TWA: 308 mg/m ³ *	TWA: 50 ppm TWA: 310 mg/m ³	TWA: 300 mg/m ³	TWA: 50 ppm TWA: 308 mg/m³ vía dérmica*	TWA: 50 ppm TWA: 308 mg/m³ STEL: 150 ppm STEL: 924 mg/m³ Sk*	TWA: 308 mg/m ³
2-Amino-2-methyl-1-propa		TWA: 1 ppm				
nol		TWA: 3.7 mg/m ³				
124-68-5		H*				

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Chemical name	France	Italy	Portugal	Finland	Denmark	Czech Republic
Titanium dioxide 13463-67-7	TWA: 10 mg/m ³		TWA: 10 mg/m ³		TWA: 6 mg/m ³	
Talc (Mg3H2(SiO3)4) 14807-96-6			TWA: 2 mg/m ³	TWA: 0.5 fiber/cm3 TWA: 2 mg/m ³ TWA: 1 mg/m ³	TWA: 0.3 fiber/cm3	TWA: 2.0 mg/m ³
Dipropylene glycol monomethyl ether 34590-94-8	TWA: 50 ppm TWA: 308 mg/m ³	TWA: 50 ppm TWA: 308 mg/m³ cute*	TWA: 50 ppm TWA: 308 mg/m³ STEL: 150 ppm Cutânea*	TWA: 50 ppm TWA: 310 mg/m³ iho*	TWA: 50 ppm TWA: 309 mg/m ³ H*	TWA: 270 mg/m³ Ceiling: 550 mg/m³ D*
1-Propanamine, 3-(triethoxysilyl)- 919-30-2				TWA: 3 ppm TWA: 28 mg/m ³ STEL: 6 ppm STEL: 55 mg/m ³		

Chemical name	Austria	Switzerland	Poland	Norway	Ireland	Russia
Titanium dioxide 13463-67-7	TWA: 5 mg/m ³ STEL 10 mg/m ³	TWA: 3 mg/m ³	STEL: 30 mg/m ³ TWA: 10 mg/m ³	TWA: 5 mg/m ³ STEL: 10 mg/m ³	TWA: 10 mg/m ³ TWA: 4 mg/m ³	TWA: 10 mg/m ³
					STEL: 30 mg/m ³ STEL: 12 mg/m ³	
Talc (Mg3H2(SiO3)4) 14807-96-6	TWA: 2 mg/m ³	TWA: 3 mg/m ³	TWA: 4 mg/m ³ TWA: 1 mg/m ³	TWA: 6 mg/m ³ TWA: 2 mg/m ³ STEL: 12 mg/m ³ STEL: 4 mg/m ³	TWA: 10 mg/m ³ TWA: 0.8 mg/m ³ STEL: 30 mg/m ³ STEL: 2.4 mg/m ³	
Dipropylene glycol monomethyl ether 34590-94-8	TWA: 50 ppm TWA: 307 mg/m³ STEL 100 ppm STEL 614 mg/m³ H*	TWA: 50 ppm TWA: 300 mg/m³ STEL: 50 ppm STEL: 300 mg/m³	STEL: 480 mg/m³ TWA: 240 mg/m³ skóra*	TWA: 50 ppm TWA: 300 mg/m³ STEL: 75 ppm STEL: 375 mg/m³ H*	TWA: 50 ppm TWA: 308 mg/m ³ STEL: 150 ppm STEL: 924 mg/m ³ Sk*	
2-Amino-2-methyl-1-propa nol 124-68-5		TWA: 2.4 ppm TWA: 8.7 mg/m³ STEL: 4.8 ppm STEL: 17.4 mg/m³ H*				
5-Chloro-2-methyl-3(2H)-i sothiazolone, mixture with 2-methyl-3(2H)-isothiazolo ne 55965-84-9	Sh+	S+ TWA: 0.2 mg/m ³				

Biological occupational exposure limits:

This product, as supplied, does not contain any hazardous materials with biological limits established by the region specific regulatory bodies

Derived No Effect Level (DNEL):

component information:

Worker - inhalative:

Chemical name	long term, systemic	short term, systemic	long term, local	short term, local
Dipropylene glycol	308 mg/m ³			
monomethyl ether				
1-Propanamine,	59 mg/m ³	59 mg/m ³		59 mg/m ³
3-(triethoxysilyl)-		_		-
1,2-Benzisothiazol-3(2H)-one	6.81 mg/m ³			
5-Chloro-2-methyl-3(2H)-isoth	0.02 mg/m ³		0.02 mg/m ³	0.04 mg/m ³
iazolone, mixture with	-		-	
2-methyl-3(2H)-isothiazolone				

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Worker - dermal:

Chemical name	long term, systemic	short term, systemic	long term, local	short term, local
Dipropylene glycol	283 mg/kg bw/day			
monomethyl ether				
1-Propanamine,	8.3 mg/kg bw/day	8.3 mg/kg bw/day		
3-(triethoxysilyl)-				
1,2-Benzisothiazol-3(2H)-one	966 mg/kg bw/day			
Zinc pyrithione	0.01 mg/kg bw/day			

Consumer - inhalative:

Chemical name	long term, systemic	short term, systemic	long term, local	short term, local
Dipropylene glycol	37.2 mg/m ³			
monomethyl ether				
1-Propanamine,	17 mg/m ³	17 mg/m ³		
3-(triethoxysilyl)-	-	-		
1,2-Benzisothiazol-3(2H)-one	1.2 mg/m³			
5-Chloro-2-methyl-3(2H)-isoth			0.02 mg/m ³	0.04 mg/m ³
iazolone, mixture with			-	_
2-methyl-3(2H)-isothiazolone				

Consumer - dermal:

Chemical name	long term, systemic	short term, systemic	long term, local	short term, local
Dipropylene glycol	121 mg/kg bw/day			
monomethyl ether				
1-Propanamine,	5 mg/kg bw/day	5 mg/kg bw/day		
3-(triethoxysilyl)-				
1,2-Benzisothiazol-3(2H)-one	345 mg/kg bw/day			

consumer - oral:

Chemical name	long term, systemic	short term, systemic	long term, local	short term, local
Dipropylene glycol monomethyl ether	36 mg/kg bw/day			
1-Propanamine, 3-(triethoxysilyl)-	5 mg/kg bw/day	5 mg/kg bw/day		
5-Chloro-2-methyl-3(2H)-isoth iazolone, mixture with 2-methyl-3(2H)-isothiazolone	0.09 mg/kg bw/day	0.11 mg/kg bw/day		

Predicted No Effect Concentration (PNEC):

component information:

Chemical name	Dipropylene glycol monomethyl ether
Freshwater	19 mg/L
Marine water	1.9 mg/L
Intermittent release	190 mg/L
Impact on Sewage Treatment	4168 mg/L

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Freshwater sediment	70.2 mg/kg
Marine sediment	7.02 mg/kg
Soil	2.74 mg/kg

Chemical name	1-Propanamine, 3-(triethoxysilyl)-
Freshwater	0.33 mg/L
Marine water	0.033 mg/L
Intermittent release	3.3 mg/L
Impact on Sewage Treatment	13 mg/L
Freshwater sediment	0.26 mg/kg
Soil	0.04 mg/kg

Chemical name	1,2-Benzisothiazol-3(2H)-one
Freshwater	4.03 μg/L
Marine water	0.403 μg/L
Intermittent release	1.1 µg/L
Freshwater sediment	0.0499 mg/kg dry weight
Marine sediment	0.00499 mg/kg dry weight
Soil	0.0471 mg/kg

Chemical name	Zinc pyrithione
Freshwater	0.09 μg/L
Marine water	0.09 μg/L
Freshwater sediment	0.095 mg/kg dry weight
Marine sediment	0.095 mg/kg dry weight
Soil	1.02 mg/kg dry weight

Chemical name	5-Chloro-2-methyl-3(2H)-isothiazolone, mixture with 2-methyl-3(2H)-isothiazolone		
Freshwater	0.00339 mg/L		
Marine water	3.39 μg/L		
Intermittent release	3.39 µg/L		
Freshwater sediment	0.027 mg/kg dry weight		
Marine sediment	0.027 mg/kg dry weight		
Soil	0.01 ma/ka dry weight		

8.2. Exposure controls

Engineering controls: None under normal use conditions.

Personal protective equipment:



Eye/face protection: No special protective equipment required.

PPE - Glove material	Glove thickness	Break through time
NBR (Nitrile rubber)	0.4 mm	>=480 min.

Skin and body protection: No special protective equipment required.

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Respiratory protection: No protective equipment is needed under normal use conditions. If exposure limits are

exceeded or irritation is experienced, ventilation and evacuation may be required.

Recommended Filter Type: not relevant

Environmental exposure controls: No information available.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance dispersion
Color white
Odor characteristic

Conditions Method Remarks

Melting point / melting range

Not established

Boiling point / boiling range > 100 °C

Flammability

Not established not relevant

Flash point
Autoignition temperature
None known
Lower explosive limit
Upper explosion limit
Not established
None known
not relevant
not relevant

Vapor pressure

Not established

Pensity

Not established

Density ~ 1.335 g/cm³ 20 °C Water solubility Miscible

pH 8 - 9 20 °C

pH (as aqueous solution)

Not applicable

Partition coefficientNot establishedKinematic viscosityNot applicableOdor thresholdNot establishedRelative densityNot establishedEvaporation rateNot established

Relative vapor density no data available

Particle Size no data available
Particle Size Distribution no data available

9.2. Other information

Bulk density:no data availableSoftening pointNo information availableMolecular weightNo information available

9.2.1. Information with regard to physical hazard classes:

Explosive properties Not an explosive Oxidizing properties Not oxidising.

9.2.2. Other safety characteristics: No information available

SECTION 10: Stability and reactivity

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10.1. Reactivity

Reactivity: No information available.

10.2. Chemical stability

Stability: Stable under normal conditions.

Explosion data:

Sensitivity to mechanical impact: None. Sensitivity to static discharge: None.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions: None under normal processing.

10.4. Conditions to avoid

Conditions to avoid: None known based on information supplied.

10.5. Incompatible materials

Incompatible materials: None known based on information supplied.

10.6. Hazardous decomposition products

Hazardous decomposition products: None known based on information supplied.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Information on likely routes of exposure:

Product Information: The product has not been tested

Inhalation: Specific test data for the substance or mixture is not available.

Eye contact: Specific test data for the substance or mixture is not available.

Skin contact: Specific test data for the substance or mixture is not available.

Ingestion: Specific test data for the substance or mixture is not available.

Symptoms related to the physical, chemical and toxicological characteristics:

Symptoms: No information available.

Numerical measures of toxicity:

Acute toxicity: No information available

Component Information:

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Chemical name	Parameter	Species	effektive Dosis	Method
Titanium dioxide 13463-67-7	Oral LD50	Rat	> 10000 mg/kg	
Dipropylene glycol monomethyl ether 34590-94-8	Oral LD50	Rat	5.35 g/kg	
Benzenebutanoic acid, 4-methylgammaoxo-, compound with 4-ethylmorpholine (2:1) 171054-89-0	Oral LD50	Rat	> 200 mg/kg	
1-Propanamine, 3-(triethoxysilyl)- 919-30-2	Oral LD50	Rat	1780 mg/kg	
2-Amino-2-methyl-1-propanol 124-68-5	Oral LD50	Rat	2900 mg/kg	OECD 401
1,2-Benzisothiazol-3(2H)-one 2634-33-5	Oral LD50	Rat	490 mg/kg	
Zinc pyrithione 13463-41-7	Oral LD50	Rat	177 mg/kg	
5-Chloro-2-methyl-3(2H)-isothiazolon e, mixture with 2-methyl-3(2H)-isothiazolone 55965-84-9	Oral LD50	Rat	457 mg/kg	

Chemical name	Parameters	Species	Effective dose	Method
Dipropylene glycol monomethyl ether 34590-94-8	Dermal LD50	Rabbit	9500 mg/kg	
Benzenebutanoic acid, 4-methylgammaoxo-, compound with 4-ethylmorpholine (2:1) 171054-89-0	Dermal LD50	Rat	> 2000 mg/kg	
1-Propanamine, 3-(triethoxysilyl)- 919-30-2	Dermal LD50	Rabbit	4290 mg/kg	
2-Amino-2-methyl-1-propanol 124-68-5	Dermal LD50	Rabbit	> 2000 mg/kg	OECD 402
Zinc pyrithione 13463-41-7	Dermal LD50	Rabbit	100 mg/kg	
5-Chloro-2-methyl-3(2H)-isothiazolon e, mixture with 2-methyl-3(2H)-isothiazolone 55965-84-9	Dermal LD50	Rabbit	660 mg/kg	

Chemical name	Parameters	Species	Effective dose	Exposure time	Method
Titanium dioxide 13463-67-7	Inhalation LD50	Rat	> 6.82 mg/L	4 h	
Dipropylene glycol monomethyl ether 34590-94-8	Inhalation LC50	Rat	21 mg/L		
1-Propanamine, 3-(triethoxysilyl)- 919-30-2	Inhalation LC50	Rat	145 mg/L	4 h	
Zinc pyrithione 13463-41-7	Inhalation LC50	Rat	0.05 - 0.5 mg/L 140 mg/m ³	4 h	
5-Chloro-2-methyl-3(2H)-isothi azolone, mixture with 2-methyl-3(2H)-isothiazolone 55965-84-9	Inhalation LC50	Rat	171 - 2360 mg/m³	4 h	

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Delayed and immediate effects as well as chronic effects from short and long-term exposure:

Skin corrosion/irritation:

No information available.

Serious eye damage/eye irritation:

No information available.

Respiratory or skin sensitization:

No information available.

Germ cell mutagenicity: No information available.

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

The table below indicates whether each agency has listed any ingredient as a carcinogen.

Chemical name	European Union
Titanium dioxide	Carc. 2

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

The table below indicates ingredients above the cut-off threshold considered as relevant which are listed as reproductive toxins.

Chemical name	European Union
Zinc pyrithione	Repr. 1B

STOT - single exposure: No information available.

STOT - repeated exposure: No information available.

Aspiration hazard: No information available.

11.2. Information on other hazards

11.2.1. Endocrine disrupting properties

No information available.

11.2.2. Other information

No information available.

SECTION 12: Ecological information

12.1. Toxicity

Ecotoxicity: The environmental impact of this product has not been fully investigated.

fish toxicity:

Chemical name	Parameter	Species	Effective dose	Exposure time	Method
Dipropylene glycol	LC50	Pimephales promelas	> 10000 mg/L	96 h	
monomethyl ether					

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Chemical name	Parameter	Species	Effective dose	Exposure time	Method
34590-94-8					
Benzenebutanoic acid, 4-methylgammaoxo-, compound with 4-ethylmorpholine (2:1) 171054-89-0	LC50	Oncorhynchus mykiss	> 100 mg/L	96 h	
1-Propanamine, 3-(triethoxysilyl)- 919-30-2	LC50	Danio rerio	> 934 mg/L	96 h	
2-Amino-2-methyl-1-propanol 124-68-5	LC50	Lepomis macrochirus	190 mg/L	96 h	OECD 203
1,2-Benzisothiazol-3(2H)-one 2634-33-5	LC50		2.15 mg/L	96 h	
5-Chloro-2-methyl-3(2H)-isothi azolone, mixture with 2-methyl-3(2H)-isothiazolone 55965-84-9	LC50	Oncorhynchus mykiss	0.22 mg/L	96 h	OECD 203

toxicity to crustacea:

Chemical name	Parameter	Species	Effective dose	Exposure time	Method
Dipropylene glycol monomethyl ether 34590-94-8	LC50	Daphnia magna	1919 mg/L	48 h	
Benzenebutanoic acid, 4-methylgammaoxo-, compound with 4-ethylmorpholine (2:1) 171054-89-0	EC50	Daphnia magna	> 100 mg/L	48 h	
1-Propanamine, 3-(triethoxysilyl)- 919-30-2	EC50		205 mg/L	48 h	
2-Amino-2-methyl-1-propanol 124-68-5	EC50	Daphnia magna	193 mg/L	48 h	OECD 202
1,2-Benzisothiazol-3(2H)-one 2634-33-5	EC50		2.9 mg/L	48 h	
5-Chloro-2-methyl-3(2H)-isothi azolone, mixture with 2-methyl-3(2H)-isothiazolone 55965-84-9	EC50	Daphnia magna	0.1 mg/L	48 h	OECD 202

Algae Toxicity:

Chemical name	Parameter	Species	Effective dose	Exposure time	Method
Benzenebutanoic acid, 4-methylgammaoxo-, compound with 4-ethylmorpholine (2:1) 171054-89-0	ErC50	Scenedesmus subspicatus	> 100 mg/L	72 h	
1-Propanamine, 3-(triethoxysilyl)- 919-30-2	EC50		535 mg/L	72 h	
2-Amino-2-methyl-1-propanol	EC50	Desmodesmus	520 mg/L	72 h	OECD 201

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Chemical name	Parameter	Species	Effective dose	Exposure time	Method
124-68-5		subspicatus			
1,2-Benzisothiazol-3(2H)-one 2634-33-5	EC50		0.11 mg/L	72 h	
Zinc pyrithione 13463-41-7	EC50		0.003 mg/L	96 h	
5-Chloro-2-methyl-3(2H)-isothi azolone, mixture with 2-methyl-3(2H)-isothiazolone 55965-84-9	EC50	Pseudokirchneriella subcapitata	0.048 mg/L	72 h	OECD 201

Bacteria toxicity:

Chemical name	Parameters	Species	Effective dose	Exposure time	Method
1-Propanamine, 3-(triethoxysilyl)- 919-30-2	EC50		43 mg/L	5.75 h	
2-Amino-2-methyl-1-propanol 124-68-5	EC50	activated sludge	342.9 mg/L	3 h	
1,2-Benzisothiazol-3(2H)-one 2634-33-5	EC50		12.8 mg/L	3 h	
Zinc pyrithione 13463-41-7	EC50		2.4 mg/L	3 h	
5-Chloro-2-methyl-3(2H)-isothi azolone, mixture with 2-methyl-3(2H)-isothiazolone 55965-84-9	EC50	activated sludge	7.92 mg/L	3 h	

12.2. Persistence and degradability

Persistence and degradability:

Chemical name	degradation rate	test duration	Rapidly biodegradable	Remarks	Method
Titanium dioxide 13463-67-7	0 %		No		
Dipropylene glycol monomethyl ether 34590-94-8	75 %	28 d	Yes		OECD 301F
Benzenebutanoic acid, 4-methylgammaoxo-, compound with 4-ethylmorpholine (2:1) 171054-89-0	86 %	28 d	Yes		
1-Propanamine, 3-(triethoxysilyl)- 919-30-2	67 %	28 d	No		
1,2-Benzisothiazol-3(2H)- one 2634-33-5	100 %	0.04 d	Yes		OECD 307
Zinc pyrithione 13463-41-7	100 %		Yes		
5-Chloro-2-methyl-3(2H)-i sothiazolone, mixture with		28 d	Yes		OECD 301

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Chemical name	degradation rate	test duration	Rapidly biodegradable	Remarks	Method
2-methyl-3(2H)-isothiazol					
one					
55965-84-9					

12.3. Bioaccumulative potential

Bioaccumulation:

Chemical name	Partition coefficient	Bioconcentration factor (BCF)
Dipropylene glycol monomethyl ether 34590-94-8	-0.064	
1-Propanamine, 3-(triethoxysilyI)- 919-30-2	1.7	
2-Amino-2-methyl-1-propanol 124-68-5		<1
1,2-Benzisothiazol-3(2H)-one 2634-33-5	1.3	6.62
Zinc pyrithione 13463-41-7	1.12	1.4
5-Chloro-2-methyl-3(2H)-isothiazolone, mixture with 2-methyl-3(2H)-isothiazolone 55965-84-9	< 0.71	3.16

12.4. Mobility in soil

Mobility in soil: No information available.

Mobility: No information available.

12.5. Results of PBT and vPvB assessment

PBT and vPvB assessment:

Chemical name	PBT and vPvB assessment
Titanium dioxide	The substance is not PBT / vPvB
13463-67-7	
Talc (Mg3H2(SiO3)4)	The substance is not PBT / vPvB
14807-96-6	
Dipropylene glycol monomethyl ether	The substance is not PBT / vPvB
34590-94-8	
Benzenebutanoic acid, 4-methylgammaoxo-, compound	The substance is not PBT / vPvB
with 4-ethylmorpholine (2:1)	
171054-89-0	
1-Propanamine, 3-(triethoxysilyl)-	The substance is not PBT / vPvB
919-30-2	
2-Amino-2-methyl-1-propanol	The substance is not PBT / vPvB
124-68-5	
1,2-Benzisothiazol-3(2H)-one	The substance is not PBT / vPvB
2634-33-5	
Zinc pyrithione	The substance is not PBT / vPvB
13463-41-7	
5-Chloro-2-methyl-3(2H)-isothiazolone, mixture with	The substance is not PBT / vPvB
2-methyl-3(2H)-isothiazolone	

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55965-84-9

12.6. Endocrine disrupting properties.

No information available.

12.7. Other adverse effects.

No information available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste from residues/unused

Dispose of in accordance with local regulations. Dispose of waste in accordance with

products:

environmental legislation.

Contaminated packaging: Do not reuse empty containers.

Waste codes / waste designations according to EWC / AVV: 08 01 12 (waste paint and varnish other than those mentioned in 08 01 11)

SECTION 14: Transport information

14.1. UN number

ADR: Not regulated RID: Not regulated IMDG: Not regulated IATA: Not regulated Not regulated Not regulated

14.2 UN proper shipping name

ADR: Not regulated RID: Not regulated IMDG: Not regulated Not regulated Not regulated Not regulated Not regulated

14.3. Transport hazard class(es)

ADR: Not regulated RID: Not regulated IMDG: Not regulated IATA: Not regulated Not regulated Not regulated Not regulated

14.4. Packing group

ADR: Not regulated RID: Not regulated IMDG: Not regulated Not regulated Not regulated Not regulated Not regulated

14.5. Environmental hazards

ADR: Not regulated

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RID: Not regulated IMDG: Not regulated IATA: Not regulated

14.6. Special precautions for user

ADR: Not regulated

Special Provisions: None

RID: Not regulated

Special Provisions: None

IMDG: Not regulated

Special Provisions: None

IATA: Not regulated

Special Provisions: None

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

No information available

SECTION 15: Regulatory information

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

European Union:

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work

Authorizations and/or restrictions on use:

• This product contains one or more substance(s) subject to restriction (Regulation (EC) No. 1907/2006 (REACH), Annex XVII)

Chemical name	Substance subject to authorization per REACH Annex XIV	Restricted substance per REACH Annex XVII
Titanium dioxide 13463-67-7		75.
Benzenebutanoic acid, 4-methylgammaoxo-, compound with 4-ethylmorpholine (2:1) 171054-89-0		75.
1-Propanamine, 3-(triethoxysilyl)- 919-30-2		75.
2-Amino-2-methyl-1-propanol 124-68-5		75.
1,2-Benzisothiazol-3(2H)-one 2634-33-5		75.
Zinc pyrithione 13463-41-7		75.
5-Chloro-2-methyl-3(2H)-isothiazolone, mixture with 2-methyl-3(2H)-isothiazolone 55965-84-9		3

Persistent Organic Pollutants:

Not applicable

Ozone-depleting substances (ODS) regulation (EC) 1005/2009: Not applicable

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EU - Plant Protection Products (1107/2009/EC):

Chemical name	EU - Plant Protection Products (1107/2009/EC)
Talc (Mg3H2(SiO3)4)	Talc E553B shall be used in accordance with the specific
14807-96-6	conditions included in the conclusions of the review report on
	Talc E553B (SANTE/11639/2017) and in particular Appendices
	I and II thereof (listed under part C)

Biocidal Products Regulation (EU) No 528/2012 (BPR):

Chemical name	Biocidal Products Regulation (EU) No 528/2012 (BPR)
5-Chloro-2-methyl-3(2H)-isothiazolone, mixture with	2 - Disinfectants and algaecides not intended for direct
2-methyl-3(2H)-isothiazolone	application to humans or animals
55965-84-9	4 - Food and feed area disinfectant
	6 - Preservatives for products during storage
	11 - Preservatives for liquid-cooling and processing systems
	12 - Slimicides
	13 - Working or cutting fluid preservatives

volatile organic compounds (VOC) content:

acc. reg. 2010/75/EG: 2 % acc. reg. 2004/42/EG (Decopaint): 26.7 g/L

National regulations:

Denmark:

Chemical name	Denmark - MAL
Titanium dioxide	0 m3/10 g substance MAL factor
13463-67-7	>=0.1 - 5 % by weight [3]
	>=5 % by weight [6]
	>0 % by weight [1]
Dipropylene glycol monomethyl ether	5 m3/10 g substance MAL factor
34590-94-8	>0 % by weight [1]
1-Propanamine, 3-(triethoxysilyl)-	33 m3/10 g substance MAL factor
919-30-2	10 ppm Limit Value tentative
	>=2 - 10 % by weight [3]
	>=10 % by weight [4]
2-Amino-2-methyl-1-propanol	270 m3/10 g substance MAL factor
124-68-5	>=2.0 - 10.0 % by weight [2]
	>=10.0 % by weight [3]
1,2-Benzisothiazol-3(2H)-one	0 m3/10 g substance MAL factor
2634-33-5	>=1.0 % by weight [3]
Zinc pyrithione	0 m3/10 g substance MAL factor
13463-41-7	>=1 % by weight [3]

Germany:

Water hazard class (WGK): slightly hazardous to water (WGK 1) - Classification according to AwSV

Chemical name	WGK Classification (AwSV)	ID number
Titanium dioxide	nwg	1345
13463-67-7		

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Talc (Mg3H2(SiO3)4) 14807-96-6	nwg	1315
Dipropylene glycol monomethyl ether 34590-94-8	1	5087
Benzenebutanoic acid, 4-methylgammaoxo-, compound with 4-ethylmorpholine (2:1) 171054-89-0	1	2091
1-Propanamine, 3-(triethoxysilyI)- 919-30-2	1	1730
2-Amino-2-methyl-1-propanol 124-68-5	1	4183
1,2-Benzisothiazol-3(2H)-one 2634-33-5	2	5141
Zinc pyrithione 13463-41-7	3	7636
5-Chloro-2-methyl-3(2H)-isothiazolone, mixture with 2-methyl-3(2H)-isothiazolone 55965-84-9	3	2959

TA Luft (German Air Pollution Control Regulation):

total dust incl. fine dust (digit 5.2.1): 30 - 35% org. substances (Ziffer 5.2.5): < 5% org. subst. dust (digit 5.2.5): < 5% org. subst. (digit 5.2.5) class I: < 5%

Storage class (TRGS 510): 12 • LGK12 - Non-combustible liquids

France:

Occupational Illnesses (R-463-3, France):

Chemical name	French RG number
Talc (Mg3H2(SiO3)4)	RG 25
14807-96-6	
Dipropylene glycol monomethyl ether	RG 84
34590-94-8	
1,2-Benzisothiazol-3(2H)-one	RG 65
2634-33-5	

RG 25 - Conditions resulting from inhalation of mineral dusts containing crystalline silica (quartz, cristobalite, tridymite), crystalline silicates (kaolin, talc), graphite, or coal.

RG 65 - Allergic eczema

RG 84 - Occupational conditions caused by liquid organic solvents

Netherlands:

Chemical name	Zinc pyrithione
Netherlands - List of Reproductive Toxins	Development Category 1B
ZZS list: SVHC	x ()

Austria:

Flammable Liquids Regulations, VbF: Not regulated

Switzerland:

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VOC content:: acc. VOCV CH 814.018, att. 1: 0 %

International Inventories:

TSCA Does not comply DSL/NDSL Does not comply **EINECS/ELINCS** Does not comply **ENCS** Does not comply **IECSC** Does not comply KECL Does not comply **PICCS** Does not comply AICS Does not comply

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances **IECSC** - China Inventory of Existing Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

15.2. Chemical safety assessment

Chemical Safety Report: No information available

SECTION 16: Other information

Key or legend to abbreviations and acronyms used in the safety data sheet:

Full text of H-Statements referred to under section 3:

EUH071 - Corrosive to the respiratory tract

H301 - Toxic if swallowed

H302 - Harmful if swallowed

H310 - Fatal 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

H360D - May damage the unborn child

H372 - Causes damage to organs through prolonged or repeated exposure

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

Legend:

ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways

(Accord européen relatif au transport international des marchandises dangereuses par voies de navigation intérieures)

ADR: European agreement concerning the international carriage of dangerous goods by road

(Accord européen relatif transport des merchandises dangereuses par route)

AGW: Occupational threshold limit value (Arbeitsplatzgrenzwert – Germany)

BCF: Bio-Concentration Factor

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BOD(5): Biochemical oxygen demand (within 5 days)

CAS: Chemical Abstract Service

CLP: Classification, Labelling and Packaging

CMR: Carcinogenic, Mutagenic, toxic for Reproduction DIN: German Standards Institute / German industrial norm

DNEL: Derived No Effect Level DOC: Dissolved organic carbon

EAK/ AVV: European waste catalogue/ waste directory-regulation

EC50: Effective Concentration 50% ECHA: European Chemical Agency

EINECS: European Inventory of Existing Commercial Chemical Substances

GHS: Globally Harmonised System of Classification, Labelling and Packaging of Chemicals

IATA: International Air Transport Association

IC50: Inhibition Concentration 50%

IMDG: International Maritime Dangerous Goods Code LC50: Lethal Concentration 50% - LD50: Lethal dose 50%

MAK: Treshold limit values Germany

NLP: No Longer Polymers

NOAEC: No Observed Adverse Effect Concentration

NOAEL: No Observed Adverse Effect Level

OECD: Organization for Economic Cooperation and Development

PBT: persistent, bioaccumulative, toxic

PC: Product category

PNEC: Predicted No Effect Concentration

REACh: Registration, Evaluation and Authorization of Chemicals

RID:Regulations concerning the international carriage of dangerous goods by rail

(Règlement International concernant le transport de marchandises dangereuses par chemin de fer)

STEL: Short-term Exposure Limit STP: Sewage treatment plant

SVHC: Substance of Very High Concern

TLV: Threshold Limit Value TWA: Time Weighted Average

UN: United Nations

VOC: Volatile Organic Compounds

vPvB: very persistent, very bioaccumulative

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Ceiling: Maximum limit value

* Skin designation

Classification procedure	
Classification according to Regulation (EC) No. 1272/2008 [CLP]	Method Used
Acute oral toxicity	Calculation method
Acute dermal toxicity	Calculation method
Acute inhalation toxicity - gas	Calculation method
Acute inhalation toxicity - vapor	Calculation method
Acute inhalation toxicity - dust/mist	Calculation method
Skin corrosion/irritation	Calculation method
Serious eye damage/eye irritation	Calculation method
Respiratory sensitization	Calculation method
Skin sensitization	Calculation method
Mutagenicity	Calculation method
Carcinogenicity	Calculation method
Reproductive toxicity	Calculation method
STOT - single exposure	Calculation method
STOT - repeated exposure	Calculation method

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Acute aquatic toxicity	Calculation method
Chronic aquatic toxicity	Calculation method
Aspiration hazard	Calculation method
Ozone	Calculation method

Key literature references and sources for data used to compile the SDS:

European Chemicals Agency (ECHA)

Agency for Toxic Substances and Disease Registry (ATSDR)

U.S. Environmental Protection Agency ChemView Database

European Food Safety Authority (EFSA)

EPA (Environmental Protection Agency)

Acute Exposure Guideline Level(s) (AEGL(s))

U.S. Environmental Protection Agency Federal Insecticide, Fungicide, and Rodenticide Act

U.S. Environmental Protection Agency High Production Volume Chemicals

Food Research Journal

Hazardous Substance Database

International Uniform Chemical Information Database (IUCLID)

Japan GHS Classification

Australia National Industrial Chemicals Notification and Assessment Scheme (NICNAS)

NIOSH (National Institute for Occupational Safety and Health)

National Library of Medicine's ChemID Plus (NLM CIP)

National Library of Medicine's PubMed database (NLM PUBMED)

National Toxicology Program (NTP)

New Zealand's Chemical Classification and Information Database (CCID)

Organization for Economic Co-operation and Development Environment, Health, and Safety Publications

Organization for Economic Co-operation and Development High Production Volume Chemicals Program

Organization for Economic Co-operation and Development Screening Information Data Set

RTECS (Registry of Toxic Effects of Chemical Substances)

World Health Organization

Revision date: 21-Oct-2021

This material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006:

Disclaimer:

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet