

SAFETY DATA SHEET

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



Revision date: 18-Feb-2022

Revision Number: 1

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

1.1. Product identifier

Product Name: ContiPur Multigrund weiss
Article number: 012060360514
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

Chronic aquatic toxicity	Category 2 - (H411)
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2.2. Label elements



Hazard statements:

H411 - Toxic to aquatic life with long lasting effects.

EU Specific Hazard Statements:

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

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EUH208 - Contains 1,2-Benzisothiazol-3(2H)-one May produce an allergic reaction.

Precautionary Statements - EU (§28, 1272/2008):

P273 - Avoid release to the environment

P391 - Collect spillage

P501 - Dispose of contents/ container to an approved waste disposal plant

2.3. Other hazards

Toxic to aquatic life.

Endocrine Disruptor Information

Chemical name	EU - REACH (1907/2006) - Article 59(1) - Candidate List of Substances of Very High Concern (SVHC) for Authorisation	EU - REACH (1907/2006) - Endocrine Disruptor Assessment List of Substances
Polyethylene glycol branched nonylphenyl ether	Endocrine disrupting properties	-

Chemical name	Endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100(3) or Commission Regulation (EU) 2018/605(4)
Polyethylene glycol branched nonylphenyl ether	Endocrine disrupting properties

SECTION 3: Composition/information on ingredients

3.1 Substances

Not applicable

3.2 Mixtures

Chemical name	CAS No	EC No	REACH registration number	Classification according to Regulation (EC) No. 1272/2008 [CLP]	Weight-%
Titanium dioxide	13463-67-7	236-675-5	01-2119489379-17		10 - < 25
Talc (Mg ₃ H ₂ (SiO ₃) ₄)	14807-96-6	238-877-9	-		3 - < 5
Calcium carbonate	471-34-1	207-439-9	-		1 - < 3
Phosphoric acid, zinc salt (2:3)	7779-90-0	231-944-3	01-2119485044-40	Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410)	1 - < 3
Zinc oxide (ZnO)	1314-13-2	215-222-5	01-2119463881-32	Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410)	0.5 - < 1
Ammonium hydroxide	1336-21-6	215-647-6	01-2119488876-14	Skin Corr. 1B (H314) STOT SE 3 (H335) Aquatic Acute 1 (H400) Aquatic Chronic 2 (H411)	0.5 - < 1
Benzenebutanoic acid, 4-methyl-.gamma.-oxo-, compound with	171054-89-0	419-240-6	01-00000016594-65	Eye Dam. 1 (H318)	0.25 - < 0.5

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4-ethylmorpholine (2:1)					
Polyethylene glycol branched nonylphenyl ether	68412-54-4	-	-	Acute Tox. 4 (H302) Eye Dam. 1 (H318) Aquatic Chronic 2 (H411)	0.1 - < 0.25
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

Chemical name	Specific concentration limit (SCL)	M-Factor	M-Factor (long-term)	Notes
Ammonium hydroxide 1336-21-6	STOT SE 3 (H335):: C>=5%			B
Zinc pyrithione 13463-41-7		1000	10	

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
Calcium carbonate 471-34-1	6450	2000	3	No data available	No data available
Phosphoric acid, zinc salt (2:3) 7779-90-0	5005	No data available	No data available	No data available	No data available
Zinc oxide (ZnO) 1314-13-2	5005	2000	5.8	No data available	No data available
Ammonium hydroxide 1336-21-6	350	No data available	No data available	No data available	No data available
Benzenebutanoic acid, 4-methyl-.gamma.-oxo-, compound with 4-ethylmorpholine (2:1) 171054-89-0	2002	2002	No data available	No data available	No data available
Polyethylene glycol branched nonylphenyl ether 68412-54-4	500	4400	No data available	No data available	No data available
Zinc pyrithione 13463-41-7	177	100	0.0501	3	No data available

This product contains one or more candidate substance(s) of very high concern (Regulation (EC) No. 1907/2006 (REACH),

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Article 59)

Chemical name	CAS No	SVHC candidates
Polyethylene glycol branched nonylphenyl ether	68412-54-4	X

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

SECTION 4: First aid measures

4.1. Description of first aid measures

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.

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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

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
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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 (Mg ₃ H ₂ (SiO ₃) 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
Zinc oxide (ZnO) 1314-13-2				TWA: 2 mg/m ³ STEL: 10 mg/m ³		TWA: 5 mg/m ³ STEL: 20 mg/m ³

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 (Mg ₃ H ₂ (SiO ₃) ₄) 14807-96-6			TWA: 2 mg/m ³	TWA: 0.5 fiber/cm ³ TWA: 2 mg/m ³ TWA: 1 mg/m ³	TWA: 0.3 fiber/cm ³	TWA: 2.0 mg/m ³
Calcium carbonate 471-34-1	TWA: 10 mg/m ³		TWA: 10 mg/m ³			
Zinc oxide (ZnO) 1314-13-2	TWA: 5 mg/m ³ TWA: 10 mg/m ³		TWA: 2 mg/m ³ STEL: 10 mg/m ³	TWA: 2 mg/m ³ STEL: 10 mg/m ³	TWA: 4 mg/m ³	TWA: 2 mg/m ³ Ceiling: 5 mg/m ³
Ammonium hydroxide 1336-21-6				TWA: 20 ppm TWA: 14 mg/m ³ STEL: 50 ppm STEL: 36 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 STEL: 30 mg/m ³ STEL: 12 mg/m ³	TWA: 10 mg/m ³
Talc (Mg ₃ H ₂ (SiO ₃) 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	
Calcium carbonate 471-34-1		TWA: 3 mg/m ³	TWA: 10 mg/m ³			
Zinc oxide (ZnO) 1314-13-2	TWA: 5 mg/m ³	TWA: 3 mg/m ³ STEL: 3 mg/m ³	STEL: 10 mg/m ³ TWA: 5 mg/m ³	TWA: 5 mg/m ³ STEL: 10 mg/m ³	TWA: 2 mg/m ³ STEL: 10 mg/m ³	TWA: 0.5 mg/m ³ MAC: 1.5 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
Phosphoric acid, zinc salt (2:3)	5 mg/m ³			
Zinc oxide (ZnO)	5 mg/m ³		0.5 mg/m ³	
Ammonium hydroxide	47.6 mg/m ³	47.6 mg/m ³	14 mg/m ³	36 mg/m ³

Worker - dermal:

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Chemical name	long term, systemic	short term, systemic	long term, local	short term, local
Phosphoric acid, zinc salt (2:3)	83 mg/kg bw/day			
Zinc oxide (ZnO)	83 mg/kg bw/day			
Ammonium hydroxide	6.8 mg/kg bw/day	6.8 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
Phosphoric acid, zinc salt (2:3)	2.5 mg/m ³			
Zinc oxide (ZnO)	2.5 mg/m ³			
Ammonium hydroxide	23.8 mg/m ³	23.8 mg/m ³	2.8 mg/m ³	7.2 mg/m ³

Consumer - dermal:

Chemical name	long term, systemic	short term, systemic	long term, local	short term, local
Phosphoric acid, zinc salt (2:3)	83 mg/kg bw/day			
Zinc oxide (ZnO)	83 mg/kg bw/day			
Ammonium hydroxide	68 mg/kg bw/day	68 mg/kg bw/day		

consumer - oral:

Chemical name	long term, systemic	short term, systemic	long term, local	short term, local
Phosphoric acid, zinc salt (2:3)	0.83 mg/kg bw/day			
Zinc oxide (ZnO)	0.83 mg/kg bw/day			
Ammonium hydroxide	6.8 mg/kg bw/day	6.8 mg/kg bw/day		

Predicted No Effect Concentration (PNEC):

component information:

Chemical name	Phosphoric acid, zinc salt (2:3)
Freshwater	0.026 mg/L
Marine water	0.006 mg/L
Freshwater sediment	117.8 mg/kg dry weight
Marine sediment	56.5 mg/kg dry weight
Soil	35.6 mg/kg dry weight

Chemical name	Zinc oxide (ZnO)
Freshwater	20.6 µg/L
Marine water	6.1 µg/L
Freshwater sediment	117.8 mg/kg dry weight
Marine sediment	56.5 mg/kg dry weight

Chemical name	Ammonium hydroxide
Freshwater	0.0011 mg/L
Marine water	0.0011 mg/L
Intermittent release	0.0068 mg/L

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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

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.

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: Filtering device (full mask or mouthpiec AP-2

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	>	107	°C		
Flammability					Not established
Decomposition temperature					not relevant
Flash point					Not established
Autoignition temperature					None known
Lower explosive limit					not relevant
Upper explosion limit					not relevant
Vapor pressure					Not established
Density	~	1.332	g/cm ³	20 °C	
Water solubility					Miscible

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pH	8 - 9	20 °C	
pH (as aqueous solution)			Not applicable
Partition coefficient			Not established
Kinematic viscosity			Not applicable
Odor threshold			Not established
Relative density			Not established
Evaporation rate			Not 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 available
Softening point	No information available
Molecular weight	No 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

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.

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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: The following values are calculated based on chapter 3.1 of the GHS document

ATEmix (oral): 54,452.30 mg/kg

Component Information:

Chemical name	Parameter	Species	effektive Dosis	Method
Titanium dioxide 13463-67-7	Oral LD50	Rat	> 10000 mg/kg	
Calcium carbonate 471-34-1	Oral LD50	Rat	6450 mg/kg	
Phosphoric acid, zinc salt (2:3) 7779-90-0	Oral LD50	Rat	> 5000 mg/kg	
Zinc oxide (ZnO) 1314-13-2	Oral LD50	Rat	> 5000 mg/kg	OECD 401
Benzenebutanoic acid, 4-methyl-gamma-oxo-, compound with 4-ethylmorpholine (2:1) 171054-89-0	Oral LD50	Rat	> 200 mg/kg	
Zinc pyrithione 13463-41-7	Oral LD50	Rat	177 mg/kg	

Chemical name	Parameters	Species	Effective dose	Method
Benzenebutanoic acid, 4-methyl-gamma-oxo-, compound with 4-ethylmorpholine (2:1) 171054-89-0	Dermal LD50	Rat	> 2000 mg/kg	
Polyethylene glycol branched nonylphenyl ether 68412-54-4	Dermal LD50	Rabbit	4400 mg/kg	
Zinc pyrithione 13463-41-7	Dermal LD50	Rabbit	100 mg/kg	

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Chemical name	Parameters	Species	Effective dose	Exposure time	Method
Titanium dioxide 13463-67-7	Inhalation LD50	Rat	> 6.82 mg/L	4 h	
Zinc oxide (ZnO) 1314-13-2	Inhalation LC50	Rat	> 5.7 mg/L	4 h	
Zinc pyrithione 13463-41-7	Inhalation LC50	Rat	0.05 - 0.5 mg/L 140 mg/m ³	4 h	

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

11.2.2. Other information

No information available.

SECTION 12: Ecological information

12.1. Toxicity

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Ecotoxicity: Toxic to aquatic life. Toxic to aquatic life with long lasting effects.

fish toxicity:

Chemical name	Parameter	Species	Effective dose	Exposure time	Method
Zinc oxide (ZnO) 1314-13-2	LC50	Danio rerio	1.55 mg/L	96 h	
Ammonium hydroxide 1336-21-6	LC50	Oncorhynchus mykiss	0.89 mg/L	96 h	
Benzenebutanoic acid, 4-methyl-.gamma.-oxo-, compound with 4-ethylmorpholine (2:1) 171054-89-0	LC50	Oncorhynchus mykiss	> 100 mg/L	96 h	
Polyethylene glycol branched nonylphenyl ether 68412-54-4	LC50		7.9 mg/L	96 h	

toxicity to crustacea:

Chemical name	Parameter	Species	Effective dose	Exposure time	Method
Zinc oxide (ZnO) 1314-13-2	EC50	Ceriodaphnia dubia	0.413 mg/L	48 h	
Ammonium hydroxide 1336-21-6	LC50	Daphnia magna	101 mg/L	48 h	
Benzenebutanoic acid, 4-methyl-.gamma.-oxo-, compound with 4-ethylmorpholine (2:1) 171054-89-0	EC50	Daphnia magna	> 100 mg/L	48 h	
Polyethylene glycol branched nonylphenyl ether 68412-54-4	EC50	Daphnia magna	2.44 mg/L	48 h	

Algae Toxicity:

Chemical name	Parameter	Species	Effective dose	Exposure time	Method
Zinc oxide (ZnO) 1314-13-2	EC50	Selenastrum capricornutum	0.137 mg/L	72 h	OECD 201
Ammonium hydroxide 1336-21-6	EC50	Chlorella vulgaris	2700 mg/L	18 d	
Benzenebutanoic acid, 4-methyl-.gamma.-oxo-, compound with 4-ethylmorpholine (2:1) 171054-89-0	ErC50	Scenedesmus subspicatus	> 100 mg/L	72 h	
Zinc pyrithione 13463-41-7	EC50		0.003 mg/L	96 h	

Bacteria toxicity:

Chemical name	Parameters	Species	Effective dose	Exposure time	Method
Zinc oxide (ZnO)	EC50	activated sludge	2.4 mg/L	3 h	

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Chemical name	Parameters	Species	Effective dose	Exposure time	Method
1314-13-2					
Zinc pyrithione 13463-41-7	EC50		2.4 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		
Ammonium hydroxide 1336-21-6			Yes		
Benzenebutanoic acid, 4-methyl-.gamma.-oxo-, compound with 4-ethylmorpholine (2:1) 171054-89-0	86 %	28 d	Yes		
Polyethylene glycol branched nonylphenyl ether 68412-54-4	44.5 %	28 d	No		OECD 301B
Zinc pyrithione 13463-41-7	100 %		Yes		

12.3. Bioaccumulative potential

Bioaccumulation:

Chemical name	Partition coefficient	Bioconcentration factor (BCF)
Ammonium hydroxide 1336-21-6		-0.64
Zinc pyrithione 13463-41-7	1.12	1.4

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 13463-67-7	The substance is not PBT / vPvB
Talc (Mg ₃ H ₂ (SiO ₃) ₄) 14807-96-6	The substance is not PBT / vPvB
Calcium carbonate 471-34-1	The substance is not PBT / vPvB PBT assessment does not apply

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Phosphoric acid, zinc salt (2:3) 7779-90-0	PBT assessment does not apply
Zinc oxide (ZnO) 1314-13-2	The substance is not PBT / vPvB
Benzenebutanoic acid, 4-methyl-.gamma.-oxo-, compound with 4-ethylmorpholine (2:1) 171054-89-0	The substance is not PBT / vPvB
Polyethylene glycol branched nonylphenyl ether 68412-54-4	The substance is not PBT / vPvB
Zinc pyrithione 13463-41-7	The substance is not PBT / vPvB

12.6. Endocrine disrupting properties.

No information available.

Chemical name	EU - Endocrine Disrupters Candidate List	EU - Endocrine Disrupters - Evaluated Substances
Polyethylene glycol branched nonylphenyl ether 68412-54-4	Group III Chemical	-

12.7. Other adverse effects.

No information available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste from residues/unused products: Dispose of in accordance with local regulations. Dispose of waste in accordance with 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: UN3082
RID: UN3082
IMDG: UN3082
IATA: UN3082

14.2 UN proper shipping name

ADR: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
UN3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Zinc pyrithione, Phosphoric acid, zinc salt (2:3)), 9, III

RID: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
UN3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Zinc pyrithione, Phosphoric acid, zinc salt (2:3)), 9, III

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IMDG: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
UN3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (ZINC PYRITHIONE, PHOSPHORIC ACID, ZINC SALT (2:3)), 9, III, MARINE POLLUTANT

IATA: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
UN3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (ZINC PYRITHIONE, PHOSPHORIC ACID, ZINC SALT (2:3)), 9, III

14.3. Transport hazard class(es)

ADR: 9
Hazard label(s) 9
Classification code M6
Hazard identification number 90
(Kemler No.)
Tunnel restriction code (-)
Limited quantity (LQ) 5 L
Excepted quantity E1

RID: 9
Labels 9
Classification code M6

IMDG: 9
Hazard label(s) 9
Limited quantity (LQ) 5 L
Excepted quantity E1
EmS-No F-A, S-F

IATA: 9
Hazard label(s) 9
Excepted quantity E1

14.4. Packing group

ADR: III
RID: III
IMDG: III
IATA: III

14.5. Environmental hazards

ADR: Yes
RID: Yes
IMDG: Marine pollutant
IATA: Yes

14.6. Special precautions for user

ADR:
Special Provisions: 274, 335, 601, 375
RID:
Special Provisions: 274, 335, 375, 601
IMDG:
Special Provisions: 274, 335, 969
IATA:

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Special Provisions: A97, A158, A197
ERG Code 9L

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.
Calcium carbonate 471-34-1		75.
Zinc oxide (ZnO) 1314-13-2		75.
Ammonium hydroxide 1336-21-6		75.
Benzenebutanoic acid, 4-methyl-.gamma.-oxo-, compound with 4-ethylmorpholine (2:1) 171054-89-0		75.
Zinc pyrithione 13463-41-7		75.

Persistent Organic Pollutants:

Not applicable

Export Notification requirements: This product contains substances which are regulated pursuant to Regulation (EC) No. 649/2012 of the European parliament and of the council concerning the export and import of dangerous chemicals

Chemical name	European Export/Import Restrictions per (EC) 689/2008 - Annex Number
Polyethylene glycol branched nonylphenyl ether 68412-54-4	1.1 1.2

Dangerous substance category per Seveso Directive (2012/18/EU):
E2 - Hazardous to the Aquatic Environment in Category Chronic 2

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

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

Chemical name	EU - Plant Protection Products (1107/2009/EC)
Talc (Mg ₃ H ₂ (SiO ₃) ₄)	Talc E553B shall be used in accordance with the specific

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Chemical name	EU - Plant Protection Products (1107/2009/EC)
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)
Calcium carbonate 471-34-1	The conclusions of the renewal report on Calcium carbonate, and in particular Appendices I and II thereto, shall be taken into account (Commission Implementing Regulation 2021/1448/EU, listed under part D)

volatile organic compounds (VOC) content:
acc. reg. 2010/75/EG: 0 %
acc. reg. 2004/42/EG (Decopaint): 0 %

National regulations:

Denmark:

Chemical name	Denmark - MAL
Titanium dioxide 13463-67-7	0 m3/10 g substance MAL factor >=0.1 - 5 % by weight [3] >=5 % by weight [6] >0 % by weight [1]
Phosphoric acid, zinc salt (2:3) 7779-90-0	0 m3/10 g substance MAL factor >0 % by weight [1]
Zinc oxide (ZnO) 1314-13-2	0 m3/10 g substance MAL factor >0 % by weight [1]
Zinc pyrithione 13463-41-7	0 m3/10 g substance MAL factor >=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 13463-67-7	nwg	1345
Talc (Mg3H2(SiO3)4) 14807-96-6	nwg	1315
Calcium carbonate 471-34-1	nwg	317
Phosphoric acid, zinc salt (2:3) 7779-90-0	2	5067
Zinc oxide (ZnO) 1314-13-2	2	2187
Ammonium hydroxide 1336-21-6	2	211
Benzenebutanoic acid, 4-methyl-.gamma.-oxo-, compound with 4-ethylmorpholine (2:1) 171054-89-0	1	2091
Polyethylene glycol branched nonylphenyl ether 68412-54-4	2	-
Zinc pyrithione 13463-41-7	3	7636

TA Luft (German Air Pollution Control Regulation):

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total dust incl. fine dust (digit 5.2.1): 25 - 30%
org. substances (Ziffer 5.2.5): < 5%

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

France:

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

Chemical name	French RG number
Talc (Mg ₃ H ₂ (SiO ₃) ₄) 14807-96-6	RG 25

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

Netherlands:

Chemical name	Polyethylene glycol branched nonylphenyl ether
ZZS list: SVHC	x (not identified individually as SVHC, but belongs to a SVHC (see belonging substance data))

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

Austria:

Flammable Liquids Regulations, VbF: Not regulated

Switzerland:

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

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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:

H301 - Toxic if swallowed
H302 - Harmful if swallowed
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
H335 - May cause respiratory irritation
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 marchandises dangereuses par route)
AGW: Occupational threshold limit value (Arbeitsplatzgrenzwert – Germany)
BCF: Bio-Concentration Factor
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

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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
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

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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:

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End of Safety Data Sheet