

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: 24-Feb-2022
Print Date: 17-Jan-2023

Revision Number: 1

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

1.1. Product identifier

Product Name: **Mega 255 Siloxan Elast-Grundfüller**
Article number: 025660540524
UFI: YNM7-4D48-M703-JU0H

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: MEGA eG
Fangdieckstrasse 45
D - 22547 Hamburg
Telefon: +49 40/ 54004-0
Telefax: +49 40/ 54004-9
www.mega.de

Responsibility Statement: Department productsector paints and coatings
Telephone: 040 54004-528

E-mail address: technik@mega.de

1.4. Emergency telephone number

Emergency Telephone: +49 40 / 54004 - 528 (Mo. - Tue. 7.15 - 16.30 Uhr, Fr. bis 12.00 Uhr)

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

Skin sensitization	Category 1A - (H317)
Chronic aquatic toxicity	Category 3 - (H412)

2.2. Label elements



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Signal word: **Warning**

Hazard components for labeling:

Contains 3(2H)-Isothiazolone, 2-octyl-, 3(2H)-Isothiazolone, 2-methyl-, 1,2-Benzisothiazol-3(2H)-one, 5-Chloro-2-methyl-3(2H)-isothiazolone, mixture with 2-methyl-3(2H)-isothiazolone

Hazard statements:

H317 - May cause an allergic skin reaction.

H412 - Harmful 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.

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

P101 - If medical advice is needed, have product container or label at hand

P102 - Keep out of reach of children

P261 - Avoid breathing dust/fume/gas/mist/vapors/spray

P280 - Wear protective gloves

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

2.3. Other hazards

Toxic to aquatic life.

SECTION 3: Composition/information on ingredients

3.1 Substances

Not applicable

3.2 Mixtures

Chemical name	CAS No	EC No (EU Index No)	REACH registration number	Classification according to Regulation (EC) No. 1272/2008 [CLP]	Weight-%
Quartz	14808-60-7	238-878-4	-	[B]	25 - < 50
Calcium carbonate	471-34-1	207-439-9	-		10 - < 25
Titanium dioxide	13463-67-7	() 236-675-5	01-2119489379-17		5 - < 10
Kieselguhr, soda ash flux-calcined	68855-54-9	272-489-0	01-2119488518-22	STOT RE 2 (H373)	1 - < 3
Talc (Mg ₃ H ₂ (SiO ₃) ₄)	14807-96-6	238-877-9	-		1 - < 3
Silica, cristobalite	14464-46-1	238-455-4	-	STOT RE 1 (H372)	0.25 - < 0.5
2-Bromo-2-nitro-1,3-propanediol	52-51-7	200-143-0	01-2119980938-15	Acute Tox. 4 (H302) Acute Tox. 4 (H312) Skin Irrit. 2 (H315) Eye Dam. 1 (H318) STOT SE 3 (H335) Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410)	0.01 - < 0.05
3(2H)-Isothiazolone, 2-methyl-	2682-20-4	220-239-6	01-2120764690-50	Acute Tox. 3 (H301) Acute Tox. 3 (H311) Skin Corr. 1B (H314) Skin Sens. 1A (H317)	0.005 - < 0.01

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				Eye Dam. 1 (H318) Acute Tox. 2 (H330) Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410) (EUH071)	
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)	0.001 - < 0.005
Terbutryn	886-50-0	212-950-5	-	Acute Tox. 4 (H302) Skin Sens. 1B (H317) Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410)	0.001 - < 0.005
3(2H)-Isothiazolone, 2-octyl-	26530-20-1	247-761-7	01-2120768921-45	Acute Tox. 3 (H301) Acute Tox. 3 (H311) 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)	0.001 - < 0.005
5-Chloro-2-methyl-3(2H)-isothiazolone, 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)	0.001 - < 0.005

[B] - Substance with a Community workplace exposure limit

Chemical name	Specific concentration limit (SCL)	M-Factor	M-Factor (long-term)	Notes
2-Bromo-2-nitro-1,3-propanediol 52-51-7		10	1	
3(2H)-Isothiazolone, 2-methyl- 2682-20-4	Skin Sens. 1A :: C>=0.0015%	10	1	
Zinc pyrithione 13463-41-7		1000	10	
Terbutryn 886-50-0	Skin Sens. 1B :: C>=3%	100	100	
3(2H)-Isothiazolone, 2-octyl- 26530-20-1	Skin Sens. 1 :: C>=0.0015%	100	100	
5-Chloro-2-methyl-3(2H)-isothiazolone, 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	

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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
Calcium carbonate 471-34-1	6450	2000	3	No data available	No data available
Titanium dioxide 13463-67-7	10010	No data available	7	No data available	No data available
Kieselguhr, soda ash flux-calcined 68855-54-9	2002	No data available	3	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
2-Bromo-2-nitro-1,3-propanediol 52-51-7	180	1600	No data available	No data available	No data available
3(2H)-Isothiazolone, 2-methyl- 2682-20-4	120	242	0.34	0.501	No data available
Zinc pyrithione 13463-41-7	177	100	0.0501	3	No data available
Terbutryn 886-50-0	500	10210.2	9	No data available	No data available
3(2H)-Isothiazolone, 2-octyl- 26530-20-1	125	311	270	3	No data available
5-Chloro-2-methyl-3(2H)-isothiazolone, mixture with 2-methyl-3(2H)-isothiazolone 55965-84-9	457	660	0.0501	No data available	No data available

This product does not contain candidate substances of very high concern at a concentration $\geq 0.1\%$ (Regulation (EC) No. 1907/2006 (REACH), Article 59)

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

SECTION 4: First aid measures

4.1. Description of first aid measures

General advice:	Show this safety data sheet to the doctor in attendance.
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 with soap and water. May cause an allergic skin reaction. In the case of skin irritation or allergic reactions see a physician.
Ingestion:	Rinse mouth.

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

Symptoms: Itching. Rashes. Hives.

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

Note to physicians: May cause sensitization in susceptible persons. 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: Product is or contains a sensitizer. May cause sensitization by skin contact.

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: Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. Use personal protective equipment as required. Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak.

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.

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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:

Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. In case of insufficient ventilation, wear suitable respiratory equipment. Do not eat, drink or smoke when using this product. Take off contaminated clothing and wash before reuse.

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 containers tightly closed in a dry, cool 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	Austria	Belgium	Bulgaria	Croatia
Quartz 14808-60-7	TWA: 0.1 mg/m ³	TWA: 0.05 mg/m ³	TWA: 0.1 mg/m ³	TWA: 0.1 mg/m ³	TWA: 0.1 mg/m ³
Calcium carbonate 471-34-1					TWA: 10 mg/m ³ TWA: 4 mg/m ³
Titanium dioxide 13463-67-7		TWA: 5 mg/m ³ STEL 10 mg/m ³	TWA: 10 mg/m ³	TWA: 10.0 mg/m ³	TWA: 10 mg/m ³ TWA: 4 mg/m ³
Kieselguhr, soda ash flux-calcined 68855-54-9		TWA: 0.3 mg/m ³			TWA: 2.4 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: 2 mg/m ³	TWA: 1.0 fiber/cm ³ TWA: 6.0 mg/m ³ TWA: 3.0 mg/m ³	TWA: 1 mg/m ³
Silica, cristobalite 14464-46-1	TWA: 0.1 mg/m ³	TWA: 0.05 mg/m ³	TWA: 0.05 mg/m ³	TWA: 0.1 mg/m ³	TWA: 0.05 mg/m ³
3(2H)-Isothiazolone, 2-methyl- 2682-20-4		TWA: 0.05 mg/m ³ Sh+			
3(2H)-Isothiazolone, 2-octyl- 26530-20-1		TWA: 0.05 mg/m ³ STEL 0.05 mg/m ³			

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		Ceiling: 0.05 mg/m ³ H* S+			
5-Chloro-2-methyl-3(2H)-isothiazolone, mixture with 2-methyl-3(2H)-isothiazolone 55965-84-9		TWA: 0.05 mg/m ³ Sh+			
Chemical name	Cyprus	Czech Republic	Denmark	Estonia	Finland
Quartz 14808-60-7	TWA: 0.1 mg/m ³	TWA: 0.1 mg/m ³	TWA: 0.3 mg/m ³ TWA: 0.1 mg/m ³	TWA: 0.1 mg/m ³	TWA: 0.05 mg/m ³
Titanium dioxide 13463-67-7			TWA: 6 mg/m ³	TWA: 5 mg/m ³	
Talc (Mg ₃ H ₂ (SiO ₃) ₄) 14807-96-6		TWA: 2.0 mg/m ³	TWA: 0.3 fiber/cm ³		TWA: 0.5 fiber/cm ³ TWA: 2 mg/m ³ TWA: 1 mg/m ³
Silica, cristobalite 14464-46-1	TWA: 0.1 mg/m ³	TWA: 0.1 mg/m ³	TWA: 0.15 mg/m ³ TWA: 0.05 mg/m ³	TWA: 0.05 mg/m ³	TWA: 0.05 mg/m ³
Chemical name	France	Germany TRGS	Germany DFG	Greece	Hungary
Quartz 14808-60-7	TWA: 0.1 mg/m ³			TWA: 0.1 mg/m ³	TWA: 0.1 mg/m ³
Calcium carbonate 471-34-1	TWA: 10 mg/m ³				
Titanium dioxide 13463-67-7	TWA: 10 mg/m ³	TWA: 1.25 mg/m ³ TWA: 10 mg/m ³	TWA: 10 mg/m ³ Ceiling / Peak: 2.4 mg/m ³	TWA: 10 mg/m ³ TWA: 5 mg/m ³	
Kieselguhr, soda ash flux-calcined 68855-54-9		TWA: 0.3 mg/m ³	TWA: 0.3 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: 10 mg/m ³ TWA: 2 mg/m ³	TWA: 2 mg/m ³
Silica, cristobalite 14464-46-1	TWA: 0.05 mg/m ³			TWA: 0.1 mg/m ³	TWA: 0.1 mg/m ³
2-Bromo-2-nitro-1,3-propane diol 52-51-7			* skin sensitizer		
3(2H)-Isothiazolone, 2-methyl- 2682-20-4			TWA: 0.2 mg/m ³ Peak: 0.4 mg/m ³ skin sensitizer		
Zinc pyrithione 13463-41-7			*		
3(2H)-Isothiazolone, 2-octyl- 26530-20-1		TWA: 0.05 mg/m ³ H*	TWA: 0.05 mg/m ³ Peak: 0.1 mg/m ³ * skin sensitizer		
5-Chloro-2-methyl-3(2H)-isothiazolone, mixture with 2-methyl-3(2H)-isothiazolone 55965-84-9			MAK: 0.2 mg/m ³		
Chemical name	Ireland	Italy MDLPS	Italy AIDII	Latvia	Lithuania
Quartz 14808-60-7	TWA: 0.1 mg/m ³ STEL: 0.3 mg/m ³	TWA: 0.1 mg/m ³	TWA: 0.025 mg/m ³	TWA: 0.1 mg/m ³	TWA: 0.1 mg/m ³
Calcium carbonate 471-34-1				TWA: 6 mg/m ³	
Titanium dioxide 13463-67-7	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	TWA: 10 mg/m ³	TWA: 5 mg/m ³
Kieselguhr, soda ash flux-calcined 68855-54-9	TWA: 1.2 mg/m ³ STEL: 3.6 mg/m ³				
Talc (Mg ₃ H ₂ (SiO ₃) ₄)	TWA: 10 mg/m ³		TWA: 2 mg/m ³		TWA: 2 mg/m ³

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14807-96-6	TWA: 0.8 mg/m ³ STEL: 30 mg/m ³ STEL: 2.4 mg/m ³				TWA: 1 mg/m ³
Silica, cristobalite 14464-46-1	TWA: 0.1 mg/m ³ STEL: 0.3 mg/m ³	TWA: 0.1 mg/m ³	TWA: 0.025 mg/m ³	TWA: 0.1 mg/m ³	TWA: 0.05 mg/m ³
Chemical name	Luxembourg	Malta	Netherlands	Norway	Poland
Quartz 14808-60-7			TWA: 0.075 mg/m ³	TWA: 0.05 mg/m ³ TWA: 0.1 mg/m ³ TWA: 0.3 mg/m ³ STEL: 0.9 mg/m ³ STEL: 0.15 mg/m ³ STEL: 0.3 mg/m ³	TWA: 0.1 mg/m ³
Calcium carbonate 471-34-1					TWA: 10 mg/m ³
Titanium dioxide 13463-67-7				TWA: 5 mg/m ³ STEL: 10 mg/m ³	STEL: 30 mg/m ³ TWA: 10 mg/m ³
Kieselguhr, soda ash flux-calcined 68855-54-9					TWA: 2 mg/m ³ TWA: 1 mg/m ³
Talc (Mg ₃ H ₂ (SiO ₃) ₄) 14807-96-6			TWA: 0.25 mg/m ³	TWA: 6 mg/m ³ TWA: 2 mg/m ³ STEL: 12 mg/m ³ STEL: 4 mg/m ³	TWA: 4 mg/m ³ TWA: 1 mg/m ³
Silica, cristobalite 14464-46-1			TWA: 0.075 mg/m ³	TWA: 0.05 mg/m ³ TWA: 0.1 mg/m ³ TWA: 0.15 mg/m ³ STEL: 0.15 mg/m ³ STEL: 0.45 mg/m ³ STEL: 0.3 mg/m ³	TWA: 0.1 mg/m ³
Chemical name	Portugal	Romania	Slovakia	Slovenia	Spain
Quartz 14808-60-7	TWA: 0.025 mg/m ³	TWA: 0.1 mg/m ³	TWA: 0.1 mg/m ³ STEL: 0.5 mg/m ³	TWA: 0.1 mg/m ³	TWA: 0.05 mg/m ³
Calcium carbonate 471-34-1	TWA: 10 mg/m ³				
Titanium dioxide 13463-67-7	TWA: 10 mg/m ³	TWA: 10 mg/m ³ STEL: 15 mg/m ³	TWA: 5 mg/m ³		TWA: 10 mg/m ³
Kieselguhr, soda ash flux-calcined 68855-54-9				TWA: 0.3 mg/m ³	
Talc (Mg ₃ H ₂ (SiO ₃) ₄) 14807-96-6	TWA: 2 mg/m ³	TWA: 2 mg/m ³			TWA: 2 mg/m ³
Silica, cristobalite 14464-46-1	TWA: 0.025 mg/m ³	TWA: 0.05 mg/m ³		TWA: 0.1 mg/m ³	TWA: 0.05 mg/m ³
3(2H)-Isothiazolone, 2-octyl- 26530-20-1				TWA: 0.05 mg/m ³ STEL: 0.1 mg/m ³ K*	
Chemical name	Sweden	Switzerland	United Kingdom	Russia	Turkey
Quartz 14808-60-7	NGV: 0.1 mg/m ³	TWA: 0.15 mg/m ³	TWA: 0.1 mg/m ³ STEL: 0.3 mg/m ³	TWA: 1 mg/m ³ MAC: 3 mg/m ³	
Calcium carbonate 471-34-1		TWA: 3 mg/m ³			
Titanium dioxide 13463-67-7	NGV: 5 mg/m ³	TWA: 3 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	
Kieselguhr, soda ash flux-calcined 68855-54-9		TWA: 0.3 mg/m ³			
Talc (Mg ₃ H ₂ (SiO ₃) ₄) 14807-96-6	NGV: 2 mg/m ³ NGV: 1 mg/m ³	TWA: 3 mg/m ³	TWA: 1 mg/m ³ STEL: 3 mg/m ³		
Silica, cristobalite	NGV: 0.05 mg/m ³	TWA: 0.15 mg/m ³	TWA: 0.1 mg/m ³	TWA: 1 mg/m ³	

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14464-46-1			STEL: 0.3 mg/m ³	MAC: 3 mg/m ³	
3(2H)-Isothiazolone, 2-methyl-2682-20-4		S+ TWA: 0.2 mg/m ³ STEL: 0.4 mg/m ³			
3(2H)-Isothiazolone, 2-octyl-26530-20-1		S+ TWA: 0.05 mg/m ³ STEL: 0.1 mg/m ³ H*			
5-Chloro-2-methyl-3(2H)-isothiazolone, mixture with 2-methyl-3(2H)-isothiazolone 55965-84-9		S+ TWA: 0.2 mg/m ³			

Biological occupational exposure limits:

Chemical name	Austria	Switzerland	Poland	Norway	Ireland	Russia
Quartz 14808-60-7	(-)		-	-	-	

Derived No Effect Level (DNEL):

component information:

Worker - inhalative:

Chemical name	long term, systemic	short term, systemic	long term, local	short term, local
Calcium carbonate			6.36 mg/m ³	
Kieselguhr, soda ash flux-calcined	0.05 mg/m ³			
Talc (Mg ₃ H ₂ (SiO ₃) ₄)	2.16 mg/m ³	2.16 mg/m ³	3.6 mg/m ³	3.6 mg/m ³
2-Bromo-2-nitro-1,3-propanediol	3.5 mg/m ³	10.5 mg/m ³	2.5 mg/m ³	2.5 mg/m ³
3(2H)-Isothiazolone, 2-methyl-			0.021 mg/m ³	0.043 mg/m ³
5-Chloro-2-methyl-3(2H)-isothiazolone, mixture with 2-methyl-3(2H)-isothiazolone			0.02 mg/m ³	0.04 mg/m ³

Worker - dermal:

Chemical name	long term, systemic	short term, systemic	long term, local	short term, local
Talc (Mg ₃ H ₂ (SiO ₃) ₄)	43.2 mg/kg bw/day		4.54 mg/cm ²	
2-Bromo-2-nitro-1,3-propanediol	2 mg/kg bw/day	6 mg/kg bw/day	8 µg/cm ²	8 µg/cm ²
Zinc pyrithione	0.01 mg/kg bw/day			

Consumer - inhalative:

Chemical name	long term, systemic	short term, systemic	long term, local	short term, local
Calcium carbonate			1.06 mg/m ³	
Kieselguhr, soda ash flux-calcined	0.05 mg/m ³			
Talc (Mg ₃ H ₂ (SiO ₃) ₄)	1.08 mg/m ³	1.08 mg/m ³	1.8 mg/m ³	1.8 mg/m ³

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Chemical name	long term, systemic	short term, systemic	long term, local	short term, local
2-Bromo-2-nitro-1,3-propanediol	0.6 mg/m ³	1.8 mg/m ³		0.6 mg/m ³
3(2H)-Isothiazolone, 2-methyl-			0.021 mg/m ³	0.043 mg/m ³
5-Chloro-2-methyl-3(2H)-isothiazolone, mixture with 2-methyl-3(2H)-isothiazolone			0.02 mg/m ³	0.04 mg/m ³

Consumer - dermal:

Chemical name	long term, systemic	short term, systemic	long term, local	short term, local
Talc (Mg ₃ H ₂ (SiO ₃) ₄)	21.6 mg/kg bw/day		2.27 mg/cm ²	
2-Bromo-2-nitro-1,3-propanediol	0.7 mg/kg bw/day	2.1 mg/kg bw/day	4 µg/cm ²	4 µg/cm ²

consumer - oral:

Chemical name	long term, systemic	short term, systemic	long term, local	short term, local
Calcium carbonate	6.1 mg/kg bw/day	6.1 mg/kg bw/day		
Kieselguhr, soda ash flux-calcined	18.7 mg/kg bw/day			
Talc (Mg ₃ H ₂ (SiO ₃) ₄)	160 mg/kg bw/day	160 mg/kg bw/day		
2-Bromo-2-nitro-1,3-propanediol	0.18 mg/kg bw/day	0.5 mg/kg bw/day		
3(2H)-Isothiazolone, 2-methyl-	0.027 mg/kg bw/day	0.053 mg/kg bw/day		
5-Chloro-2-methyl-3(2H)-isothiazolone, 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	Calcium carbonate CAS: 471-34-1
Sewage treatment	100 mg/L
Chemical name	Kieselguhr, soda ash flux-calcined CAS: 68855-54-9
Sewage treatment	100 mg/L
Chemical name	Talc (Mg₃H₂(SiO₃)₄) CAS: 14807-96-6
Freshwater	597.97 mg/L
Marine water	141.26 mg/L
Freshwater (intermittent release)	597.97 mg/L
Marine water (intermittent release)	141.26 mg/L
Freshwater sediment	31.33 mg/kg sediment dw
Marine sediment	3.13 mg/kg sediment dw
Air	10 mg/m ³
Chemical name	2-Bromo-2-nitro-1,3-propanediol CAS: 52-51-7
Freshwater	0.01 mg/L
Marine water	0.0008 mg/L

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Freshwater (intermittent release)	0.0025 mg/L
Sewage treatment	0.43 mg/L
Freshwater sediment	0.041 mg/kg sediment dw
Marine sediment	0.00328 mg/kg sediment dw
Soil	0.5 mg/kg soil dw
Chemical name	3(2H)-Isothiazolone, 2-methyl- CAS: 2682-20-4
Freshwater	3.39 µg/L
Marine water	3.39 µg/L
Freshwater (intermittent release)	3.39 µg/L
Marine water (intermittent release)	3.39 µg/L
Sewage treatment	0.23 mg/L
Soil	0.0471 mg/kg soil dw
Chemical name	Zinc pyriothione CAS: 13463-41-7
Freshwater	90 ng/L
Marine water	90 ng/L
Sewage treatment	0.01 mg/L
Freshwater sediment	0.0095 mg/kg sediment dw
Marine sediment	0.0095 mg/kg sediment dw
Soil	1.02 mg/kg soil dw
Chemical name	3(2H)-Isothiazolone, 2-octyl- CAS: 26530-20-1
Freshwater	2.2 µg/L
Marine water	0.22 µg/L
Freshwater (intermittent release)	1.22 µg/L
Marine water (intermittent release)	0.122 µg/L
Freshwater sediment	47.5 µg/kg sediment dw
Marine sediment	4.75 µg/kg sediment dw
Soil	8.2 µg/kg soil dw
Chemical name	5-Chloro-2-methyl-3(2H)-isothiazolone, mixture with 2-methyl-3(2H)-isothiazolone CAS: 55965-84-9
Freshwater	3.39 µg/L
Marine water	3.39 µg/L
Freshwater (intermittent release)	3.39 µg/L
Marine water (intermittent release)	3.39 µg/L
Sewage treatment	0.23 mg/L
Freshwater sediment	0.027 mg/kg sediment dw
Marine sediment	0.027 mg/kg sediment dw
Soil	0.01 mg/kg soil dw

8.2. Exposure controls

Engineering controls: None under normal use conditions.

Personal protective equipment: The usual precautionary measures for the handling of chemicals have to be observed.



Eye/face protection: Wear safety glasses with side shields (or goggles).

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Hand protection: Wear suitable gloves.

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

Skin and body protection: Wear suitable protective clothing.

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) with filter: 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				
Melting point / melting range				Conditions	Method
Boiling point / boiling range	>	107	°C		Remarks
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	~	1.609	g/cm ³	20 °C	
Water solubility					Miscible
pH		8 - 9		20 °C	
pH (as aqueous solution)					Not established
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:

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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.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Information on likely routes of exposure:

Product Information:

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: May cause sensitization by skin contact. Specific test data for the substance or mixture is not available. Repeated or prolonged skin contact may cause allergic reactions with susceptible persons. (based on components).

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

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Symptoms related to the physical, chemical and toxicological characteristics:

Symptoms: Itching. Rashes. Hives.

Numerical measures of toxicity:

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

ATEmix (oral): 73,578.60 mg/kg

ATEmix (inhalation-dust/mist): 83.60 mg/l

Component Information:

Chemical name	Parameter	Species	effektive Dosis	Method
Calcium carbonate 471-34-1	Oral LD50	Rat	6450 mg/kg	
Titanium dioxide 13463-67-7	Oral LD50	Rat	> 10000 mg/kg	
Kieselguhr, soda ash flux-calcined 68855-54-9	Oral LD50	Rat	> 2000 mg/kg	OECD 401
2-Bromo-2-nitro-1,3-propanediol 52-51-7	Oral LD50	Rat	180 mg/kg	
3(2H)-Isothiazolone, 2-methyl- 2682-20-4	Oral LD50	Rat	120 mg/kg	
Zinc pyrithione 13463-41-7	Oral LD50	Rat	177 mg/kg	
Terbutryn 886-50-0	Oral LD50	Rat	2045 mg/kg	
3(2H)-Isothiazolone, 2-octyl- 26530-20-1	Oral LD50	Rat	125 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
2-Bromo-2-nitro-1,3-propanediol 52-51-7	Dermal LD50	Rat	1600 mg/kg	
3(2H)-Isothiazolone, 2-methyl- 2682-20-4	Dermal LD50	Rabbit	200 mg/kg	
Zinc pyrithione 13463-41-7	Dermal LD50	Rabbit	100 mg/kg	
Terbutryn 886-50-0	Dermal LD50	Rabbit	> 10200 mg/kg	
3(2H)-Isothiazolone, 2-octyl- 26530-20-1	Dermal LD50	Rabbit	311 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	Inhalation LD50	Rat	> 6.82 mg/L	4 h	

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Chemical name	Parameters	Species	Effective dose	Exposure time	Method
13463-67-7					
Kieselguhr, soda ash flux-calcined 68855-54-9	Inhalation LC50	Rat	> 2.6 mg/L		OECD 403
2-Bromo-2-nitro-1,3-propanediol 52-51-7	Inhalation LC50	Rat	800 mg/m ³	4 h	
3(2H)-Isothiazolone, 2-methyl- 2682-20-4	Inhalation LC50	Rat	0.34 mg/L	4 h	
Zinc pyrithione 13463-41-7	Inhalation LC50	Rat	0.05 - 0.5 mg/L 140 mg/m ³	4 h	
Terbutryn 886-50-0	Inhalation LC50	Rat	> 8 g/m ³	4 h	
3(2H)-Isothiazolone, 2-octyl- 26530-20-1	Inhalation LC50	Rat	270 mg/m ³		
5-Chloro-2-methyl-3(2H)-isothiazolone, mixture with 2-methyl-3(2H)-isothiazolone 55965-84-9	Inhalation LC50	Rat	171 - 2360 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:	May cause an allergic skin reaction.
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.
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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.
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STOT - repeated exposure:	No information available.
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Chemical name	Exposure route	Target Organs
Kieselguhr, soda ash flux-calcined	Inhalation	lung

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Chemical name	Exposure route	Target Organs
68855-54-9		
Silica, cristobalite 14464-46-1	Inhalation	lung

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

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

fish toxicity:

Chemical name	Parameter	Species	Effective dose	Exposure time	Method
2-Bromo-2-nitro-1,3-propanediol 52-51-7	LC50	Lepomis macrochirus	11 mg/L	96 h	OECD 203
3(2H)-Isothiazolone, 2-methyl- 2682-20-4	LC50		4.77 mg/L	96 h	
3(2H)-Isothiazolone, 2-octyl- 26530-20-1	LC50		0.122 mg/L	96 h	
5-Chloro-2-methyl-3(2H)-isothiazolone, 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
2-Bromo-2-nitro-1,3-propanediol 52-51-7	EC50	Daphnia magna	1.04 mg/L	48 h	OECD 202
3(2H)-Isothiazolone, 2-methyl- 2682-20-4	LC50		0.934 mg/L	48 h	
3(2H)-Isothiazolone, 2-octyl- 26530-20-1	EC50		0.181 mg/L	48 h	
5-Chloro-2-methyl-3(2H)-isothiazolone, mixture with 2-methyl-3(2H)-isothiazolone 55965-84-9	EC50	Daphnia magna	0.1 mg/L	48 h	OECD 202

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Algae Toxicity:

Chemical name	Parameter	Species	Effective dose	Exposure time	Method
2-Bromo-2-nitro-1,3-propanediol 52-51-7	EC50	Anabaena flos aqua	0.068 mg/L	72 h	OECD 201
3(2H)-Isothiazolone, 2-methyl- 2682-20-4	EC50		0.103 mg/L	72 h	
Zinc pyrithione 13463-41-7	EC50		0.003 mg/L	96 h	
3(2H)-Isothiazolone, 2-octyl- 26530-20-1	EC50		0.150 mg/L	96 h	
5-Chloro-2-methyl-3(2H)-isothiazolone, 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
2-Bromo-2-nitro-1,3-propanediol 52-51-7	EC50	activated sludge	43 mg/L	3 h	
3(2H)-Isothiazolone, 2-methyl- 2682-20-4	EC50		41 mg/L	3 h	
Zinc pyrithione 13463-41-7	EC50		2.4 mg/L	3 h	
Terbutryn 886-50-0	EC20	activated sludge	>100 mg/L	3 h	
3(2H)-Isothiazolone, 2-octyl- 26530-20-1	EC20	activated sludge	7.3 mg/L	3 h	
5-Chloro-2-methyl-3(2H)-isothiazolone, 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		
2-Bromo-2-nitro-1,3-propanediol 52-51-7	100 %	28 d	Yes		
3(2H)-Isothiazolone, 2-methyl- 2682-20-4	100 %	0.07 d	Yes		
Zinc pyrithione	100 %		Yes		

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Chemical name	degradation rate	test duration	Rapidly biodegradable	Remarks	Method
13463-41-7					
5-Chloro-2-methyl-3(2H)-isothiazolone, mixture with 2-methyl-3(2H)-isothiazolone 55965-84-9	> 60 %	28 d	Yes		OECD 301

12.3. Bioaccumulative potential

Bioaccumulation:

Chemical name	Partition coefficient	Bioconcentration factor (BCF)
2-Bromo-2-nitro-1,3-propanediol 52-51-7	0.38	3.16
3(2H)-Isothiazolone, 2-methyl- 2682-20-4	-0.26 -0.34 -0.28	3.16
Zinc pyrithione 13463-41-7	1.12	1.4
Terbutryn 886-50-0	3.19	103
3(2H)-Isothiazolone, 2-octyl- 26530-20-1	2.92	
5-Chloro-2-methyl-3(2H)-isothiazolone, mixture with 2-methyl-3(2H)-isothiazolone 55965-84-9	0.69	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
Calcium carbonate 471-34-1	The substance is not PBT / vPvB PBT assessment does not apply
Titanium dioxide 13463-67-7	The substance is not PBT / vPvB PBT assessment does not apply
Kieselguhr, soda ash flux-calcined 68855-54-9	PBT assessment does not apply
Talc (Mg ₃ H ₂ (SiO ₃) ₄) 14807-96-6	The substance is not PBT / vPvB
2-Bromo-2-nitro-1,3-propanediol 52-51-7	The substance is not PBT / vPvB
3(2H)-Isothiazolone, 2-methyl- 2682-20-4	The substance is not PBT / vPvB
Zinc pyrithione 13463-41-7	The substance is not PBT / vPvB

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3(2H)-Isothiazolone, 2-octyl-26530-20-1	The substance is not PBT / vPvB
5-Chloro-2-methyl-3(2H)-isothiazolone, mixture with 2-methyl-3(2H)-isothiazolone 55965-84-9	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
Terbutryn 886-50-0	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: Not regulated
RID: Not regulated
IMDG: Not regulated
IATA: Not regulated

14.2 UN proper shipping name

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

14.3. Transport hazard class(es)

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

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14.4. Packing group

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

14.5. Environmental hazards

ADR:
RID:
IMDG: Not regulated
IATA:

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:

Regulation (EC) No. 1907/2006 (Annex II - (EC) No. 2020/878) and Regulation (EC) No. 1272/2008

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

Take note of Directive 94/33/EC on the protection of young people at work:

Check whether measures in accordance with Directive 94/33/EC for the protection of young people at work must be taken

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
Calcium carbonate 471-34-1		75.
Titanium dioxide 13463-67-7		75.
2-Bromo-2-nitro-1,3-propanediol		75.

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52-51-7		
3(2H)-Isothiazolone, 2-methyl- 2682-20-4		75.
Zinc pyrithione 13463-41-7		75.
3(2H)-Isothiazolone, 2-octyl- 26530-20-1		75.
5-Chloro-2-methyl-3(2H)-isothiazolone, mixture with 2-methyl-3(2H)-isothiazolone 55965-84-9		3

Persistent Organic Pollutants:
(EC) 2019/1021 Not applicable

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)
Quartz 14808-60-7	Only uses as repellent may be authorised (sand; <=0.1% of particles of crystalline Silica with diameter <50 µm; important details in Commission Implementing Regulation 2021/745/EU, listed under part A); Conditions of use shall include, where appropriate, risk mitigation measures (sand; <=0.1% of particles of crystalline Silica with diameter <50 µm; important details in Commission Implementing Regulation 2021/745/EU, listed under part A)
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)
Talc (Mg ₃ H ₂ (SiO ₃) ₄) 14807-96-6	Talc E553B shall be used in accordance with the specific 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)
3(2H)-Isothiazolone, 2-methyl- 2682-20-4	13 - Working or cutting fluid preservatives 12 - Slimicides 11 - Preservatives for liquid-cooling and processing systems
3(2H)-Isothiazolone, 2-octyl- 26530-20-1	8 - Wood preservatives
5-Chloro-2-methyl-3(2H)-isothiazolone, mixture with 2-methyl-3(2H)-isothiazolone 55965-84-9	2 - Disinfectants and algacides not intended for direct application to humans or animals 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

EU - Water Framework Directive (2000/60/EC):

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Chemical name	EU - Water Framework Directive (2000/60/EC)
Terbutryn 886-50-0	Priority substance

EU - Environmental Quality Standards (2008/105/EC):

Chemical name	EU - Environmental Quality Standards (2008/105/EC)
Terbutryn 886-50-0	Priority Substance ([45])

volatile organic compounds (VOC) content:

acc. reg. 2010/75/EG: 1.0 %
acc. reg. 2004/42/EG (Decopaint): 14 g/L

National regulations:

Denmark:

Chemical name	Denmark - MAL
Quartz 14808-60-7	0 m3/10 g substance MAL factor 0.1 mg/m ³ Limit Value respirable >=0.1 - 2 % by weight [3] >=1 - 10 % by weight [3] >=10 % by weight [6] >=2 % by weight [6]
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]
Silica, cristobalite 14464-46-1	0 m3/10 g substance MAL factor 0.1 mg/m ³ Limit Value respirable >=0.1 - 2 % by weight [3] >=1 - 10 % by weight [3] >=10 % by weight [6] >=2 % by weight [6]
2-Bromo-2-nitro-1,3-propanediol 52-51-7	50000 m3/10 g substance MAL factor 2500 m3/10 g substance MAL factor []
3(2H)-Isothiazolone, 2-methyl- 2682-20-4	0 m3/10 g substance MAL factor >=0.03 - 1.0 % by weight [3] >=0.003 - 1.0 % by weight [3] >=1.0 % by weight [6]
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
Quartz 14808-60-7	nwg	849
Calcium carbonate 471-34-1	nwg	317
Titanium dioxide 13463-67-7	nwg	1345
Kieselguhr, soda ash flux-calcined 68855-54-9	nwg	854

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Talc (Mg ₃ H ₂ (SiO ₃) ₄) 14807-96-6	nwg	1315
Silica, cristobalite 14464-46-1	nwg	849
2-Bromo-2-nitro-1,3-propanediol 52-51-7	2	5204
3(2H)-Isothiazolone, 2-methyl- 2682-20-4	3	2960
Zinc pyrithione 13463-41-7	3	7636
Terbutryn 886-50-0	2	612
3(2H)-Isothiazolone, 2-octyl- 26530-20-1	3	2962
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): 55 - 60%

org. substances (Ziffer 5.2.5): < 5%

org. subst. dust (digit 5.2.5): < 5%

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

France:

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

Chemical name	French RG number
Quartz 14808-60-7	RG 25
Talc (Mg ₃ H ₂ (SiO ₃) ₄) 14807-96-6	RG 25
Silica, cristobalite 14464-46-1	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	Quartz
Netherlands - List of Carcinogens	Present X

Chemical name	Silica, cristobalite
Netherlands - List of Carcinogens	Present X

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

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Water contaminating class (Netherlands): B (4)

Austria:

Flammable Liquids Regulations, VbF: Not regulated

Poland:

Ordinance of the Minister of Family, Labor and Social Policy dated June 12, 2018 on the highest permissible concentrations and intensities of harmful factors for health in the work environment (Dz. U. 2018 item 1286, as amended)
Act of December 14, 2012 on waste (Journal of Laws of 2013, item 21; as amended)
Act on chemical substances and their mixtures of February 25, 2011. (Journal of Laws No. 63, item 322; as amended)
Regulation of the Minister of Labor and Social Policy of September 26, 1997 on general regulations of safety and hygiene at work (Dz. U. of 2003, No. 169, item 1650; as amended).

Switzerland:

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

Hungary:

Decree No 44/2000 (XII.27.) of the Ministry of Economic Affairs and Labour of the Republic of Hungary on certain procedures and activities
Joint Decree No. 5/2020 ITM on Chemical Safety at Work 178/2017 (VII. 5.)
Government Decree on the European Agreement concerning the International Carriage of Dangerous Goods by Road (ADR) „A“ and „B“ of the European Agreement on Road Transport

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
NZIoC	Does not comply

Legend:

- TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory
- NZIoC** - New Zealand Inventory of Chemicals
- 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

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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

H311 - Toxic in contact with skin

H312 - Harmful 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

H335 - May cause respiratory irritation

H360D - May damage the unborn child

H372 - Causes damage to organs through prolonged or repeated exposure

H373 - May cause 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)

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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: 06-Sep-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