

This safety data sheet was created pursuant to the requirements of:  
GHS: The Globally Harmonized System of Classification and Labeling of Chemicals

**DAMPFIX GOLD**  
Revision Number 2.02

Revision date 19-Jul-2021  
Supersedes Date: 18-Feb-2021

## 1. Identification

### Product identifier

**Product Name** DAMPFIX GOLD  
**Pure substance/mixture** Mixture

### Details of the supplier of the safety data sheet

#### Responsible Party

Bostik New Zealand Limited  
19 Eastern Hutt Road Wingate,  
Lower Hutt, New Zealand  
Tel: 04-567 5119  
Fax: 04-567 5412

#### Manufacturer

Bostik Australia Pty Ltd  
51-71 High Street,  
Thomastown Victoria  
Australia  
Tel: 613 9279-9333  
Fax: 613 9279-9342

**ABN:** 79 003 893 838

**E-mail address** SDS.AP@Bostik.com

### Emergency telephone number

**Emergency Telephone** 24 Hr: 0800 243 622  
+64 4 917 9888  
Poison Centre : 0800 764 766

### Recommended use of the chemical and restrictions on use

**Recommended use** Primers, Sealers, and Undercoaters  
**Restrictions on use** No information available

## 2. Hazard(s) identification

### Classification of the substance or mixture

Hazardous to the Aquatic Environment - Acute Hazard	Category 3 (9.1D)
Hazardous to the Aquatic Environment - Chronic Hazard	Category 3 (9.1C)

### Label elements

**Signal word** Warning

### Hazard statements

H412 - Harmful to aquatic life with long lasting effects

### Prevention

P201 - Obtain special instructions before use  
P202 - Do not handle until all safety precautions have been read and understood  
P280 - Wear protective gloves/protective clothing/eye protection/face protection  
P273 - Avoid release to the environment

### Response

P308 + P313 - IF exposed or concerned: Get medical advice/attention

### Storage

P405 - Store locked up

### Disposal

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

### Other hazards

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Not applicable

## 3. Composition/information on ingredients

### Substance

Not applicable.

### Mixture

Chemical name	CAS No.	Weight-%
Limestone	1317-65-3	20- <40
Water	7732-18-5	20- <40
Alkyl acrylate-styrene copolymer	--	20- <40
Titanium dioxide	13463-67-7	1 - <5
Aqueous dispersion of a polymer based on: polyurethane	--	1 - <5
Cellulose	9004-34-6	0.1- <1
ROHM AND HAAS_Acrylic latex	--	0.1- <1
Silica, amorphous	7631-86-9	0.1- <1
Aluminum hydroxide (Al(OH)3)	21645-51-2	0.1- <1
Mineral Oil	--	0.1- <1
Cellulose, 2-hydroxyethyl ether	9004-62-0	0.1- <1
Iron oxide yellow	51274-00-1	0.1- <1
unknown	--	0.1- <1
2-Amino-2-methyl-1-propanol	124-68-5	0.1- <1
Quartz	14808-60-7	0.1- <1
Magnesite	13717-00-5	0.1- <1
Water and additives	--	0.1- <1
Vinyl acetate-Vinyl alcohol polymer	25213-24-5	0.1- <1
Colorall Tinters _Other Ingredients not considered to be hazardous	--	0.1- <1
Zirconium oxide	1314-23-4	0.01 - < 0.1
CI 11710	6486-23-3	0.01 - < 0.1
Microbiocide based on tetramethylol acetylene diurea(TMAD) and isothiazolone	--	0.01 - < 0.1
Diuron	330-54-1	0.01 - < 0.1
Metallic Soap	--	0.01 - < 0.1
1,2-Propylene glycol	57-55-6	0.01 - < 0.1
Imidazo[4,5-d]imidazole-2,5(1H,3H)-dione, tetrahydro-1,3,4,6-tetrakis(hydroxymethyl)-	5395-50-6	0.01 - < 0.1
Sodium acetate	127-09-3	0.01 - < 0.1
Methyl-2-benzimidazole carbamate	10605-21-7	0.01 - < 0.1
2-octyl-2H-isothiazol-3-one [OIT]	26530-20-1	0.01 - < 0.1
Nonionic surfactant (from soap)	--	0.01 - < 0.1
Propanol, 2-(methylamino)-2-methyl-	27646-80-6	0.01 - < 0.1
Isopropyl alcohol	67-63-0	<0.01
Methyl alcohol	67-56-1	<0.01
Methyl acetate	79-20-9	<0.01
reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) [C(M)IT/MIT]	55965-84-9	<0.01
Formaldehyde	50-00-0	<0.01

\*\*\* Any remaining ingredients are not hazardous

## 4. First-aid measures

### Description of necessary first aid measures

**General advice** IF exposed or concerned: Get medical advice/attention.

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<b>Inhalation</b>	Remove to fresh air.
<b>Eye contact</b>	Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.
<b>Skin contact</b>	Wash skin with soap and water.
<b>Ingestion</b>	Clean mouth with water and drink afterwards plenty of water.
<b><u>Most important symptoms/effects, acute and delayed</u></b>	
<b>Symptoms</b>	No information available.
<b><u>For emergency responders</u></b>	
<b>Self-protection of the first aider</b>	No information available.
<b><u>Note to physicians</u></b>	Treat symptomatically.

## 5. Fire-fighting measures

### Extinguishing media

**Suitable extinguishing media** Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable extinguishing media** No information available.

**Specific hazards arising from the chemical** No information available.

**Hazardous combustion products** Carbon dioxide (CO<sub>2</sub>).

### Special protective actions for fire-fighters

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

## 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

**Personal precautions** Ensure adequate ventilation.  
**Other information** Refer to protective measures listed in Sections 7 and 8.  
**For emergency responders** Use personal protection recommended in Section 8.

**Environmental precautions** See Section 12 for additional Ecological Information.

### Methods and material for containment and cleaning up

Prevent further leakage or spillage if safe to do so.  
Pick up and transfer to properly labeled containers.

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

## 7. Handling and storage

### Precautions for safe handling

Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing.

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Do not eat, drink or smoke when using this product. Wash hands before breaks and immediately after handling the product. See Section 8 for information on appropriate personal protective equipment

**Conditions for safe storage, including any incompatibilities**

Protect from moisture.

## 8. Exposure controls/personal protection

### Occupational exposure limits

Chemical name	New Zealand	Australia	European Union
Limestone 1317-65-3	TWA: 10 mg/m <sup>3</sup>	-	-
Titanium dioxide 13463-67-7	TWA: 10 mg/m <sup>3</sup>	10 mg/m <sup>3</sup> TWA	-
Cellulose 9004-34-6	TWA: 10 mg/m <sup>3</sup>	10 mg/m <sup>3</sup> TWA	-
Silica, amorphous 7631-86-9	TWA: 0.05 mg/m <sup>3</sup>	2 mg/m <sup>3</sup> TWA	TWA: 0.1 mg/m <sup>3</sup>
Quartz 14808-60-7	TWA: 0.05 mg/m <sup>3</sup>	0.05 mg/m <sup>3</sup> TWA	TWA: 0.1 mg/m <sup>3</sup>
Zirconium oxide 1314-23-4	TWA: 5 mg/m <sup>3</sup> STEL: 10 mg/m <sup>3</sup>	5 mg/m <sup>3</sup> TWA 10 mg/m <sup>3</sup> STEL	-
Diuron 330-54-1	TWA: 10 mg/m <sup>3</sup>	10 mg/m <sup>3</sup> TWA	-
1,2-Propylene glycol 57-55-6	TWA: 150 ppm TWA: 474 mg/m <sup>3</sup> TWA: 10 mg/m <sup>3</sup>	150 ppm TWA 474 mg/m <sup>3</sup> TWA 10 mg/m <sup>3</sup> TWA	-
Isopropyl alcohol 67-63-0	TWA: 400 ppm TWA: 983 mg/m <sup>3</sup> STEL: 500 ppm STEL: 1230 mg/m <sup>3</sup>	400 ppm TWA 983 mg/m <sup>3</sup> TWA 500 ppm STEL 1230 mg/m <sup>3</sup> STEL	-
Methyl alcohol 67-56-1	TWA: 200 ppm TWA: 262 mg/m <sup>3</sup> STEL: 250 ppm STEL: 328 mg/m <sup>3</sup> Skin	200 ppm TWA 262 mg/m <sup>3</sup> TWA 250 ppm STEL 328 mg/m <sup>3</sup> STEL	TWA: 200 ppm TWA: 260 mg/m <sup>3</sup> *
Methyl acetate 79-20-9	TWA: 200 ppm TWA: 606 mg/m <sup>3</sup> STEL: 250 ppm STEL: 757 mg/m <sup>3</sup>	200 ppm TWA 606 mg/m <sup>3</sup> TWA 250 ppm STEL 757 mg/m <sup>3</sup> STEL	-
Formaldehyde 50-00-0	TWA: 0.3 ppm STEL: 0.6 ppm	1 ppm TWA 1.2 mg/m <sup>3</sup> TWA 2 ppm STEL 2.5 mg/m <sup>3</sup> STEL	TWA: 0.37 mg/m <sup>3</sup> TWA: 0.3 ppm *

Chemical name	ACGIH TLV	NIOSH	OSHA PEL
Limestone 1317-65-3	-	TWA: 10 mg/m <sup>3</sup> total dust TWA: 5 mg/m <sup>3</sup> respirable dust	TWA: 15 mg/m <sup>3</sup> total dust TWA: 5 mg/m <sup>3</sup> respirable fraction (vacated) TWA: 15 mg/m <sup>3</sup> total dust (vacated) TWA: 5 mg/m <sup>3</sup> respirable fraction
Titanium dioxide 13463-67-7	TWA: 10 mg/m <sup>3</sup>	IDLH: 5000 mg/m <sup>3</sup> TWA: 2.4 mg/m <sup>3</sup> CIB 63 fine TWA: 0.3 mg/m <sup>3</sup> CIB 63 ultrafine, including engineered nanoscale	TWA: 15 mg/m <sup>3</sup> total dust (vacated) TWA: 10 mg/m <sup>3</sup> total dust
Cellulose 9004-34-6	TWA: 10 mg/m <sup>3</sup>	TWA: 10 mg/m <sup>3</sup> total dust TWA: 5 mg/m <sup>3</sup> respirable dust TWA: 1 mg/m <sup>3</sup>	TWA: 15 mg/m <sup>3</sup> total dust TWA: 5 mg/m <sup>3</sup> respirable fraction (vacated) TWA: 15 mg/m <sup>3</sup> total dust (vacated) TWA: 5 mg/m <sup>3</sup> respirable fraction (vacated) TWA: 5 mg/m <sup>3</sup> (vacated) STEL: 10 mg/m <sup>3</sup>
Silica, amorphous 7631-86-9	-	IDLH: 3000 mg/m <sup>3</sup> TWA: 6 mg/m <sup>3</sup>	TWA: 50 µg/m <sup>3</sup> excludes construction work, agricultural

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			operations, and exposures that result from the processing of sorptive clays (vacated) TWA: 6 mg/m <sup>3</sup> <1% Crystalline silica TWA: 20 mppcf : (80)/(% SiO <sub>2</sub> ) mg/m <sup>3</sup> TWA
Aluminum hydroxide (Al(OH) <sub>3</sub> ) 21645-51-2	TWA: 1 mg/m <sup>3</sup> respirable particulate matter	-	-
Quartz 14808-60-7	TWA: 0.025 mg/m <sup>3</sup> respirable particulate matter	IDLH: 50 mg/m <sup>3</sup> respirable dust TWA: 0.05 mg/m <sup>3</sup> respirable dust	TWA: 50 µg/m <sup>3</sup> TWA: 50 µg/m <sup>3</sup> excludes construction work, agricultural operations, and exposures that result from the processing of sorptive clays (vacated) TWA: 0.1 mg/m <sup>3</sup> respirable dust : (250)/(%SiO <sub>2</sub> + 5) mppcf TWA respirable fraction : (10)/(%SiO <sub>2</sub> + 2) mg/m <sup>3</sup> TWA respirable fraction
Magnesite 13717-00-5	-	-	TWA: 15 mg/m <sup>3</sup> total dust TWA: 5 mg/m <sup>3</sup> respirable fraction (vacated) TWA: 15 mg/m <sup>3</sup> total dust (vacated) TWA: 5 mg/m <sup>3</sup> respirable fraction
Zirconium oxide 1314-23-4	STEL: 10 mg/m <sup>3</sup> Zr TWA: 5 mg/m <sup>3</sup> Zr	IDLH: 25 mg/m <sup>3</sup> Zr TWA: 5 mg/m <sup>3</sup> except Zirconium tetrachloride Zr STEL: 10 mg/m <sup>3</sup> Zr	TWA: 5 mg/m <sup>3</sup> Zr (vacated) TWA: 5 mg/m <sup>3</sup> Zr (vacated) STEL: 10 mg/m <sup>3</sup> Zr
Diuron 330-54-1	TWA: 10 mg/m <sup>3</sup>	TWA: 10 mg/m <sup>3</sup>	(vacated) TWA: 10 mg/m <sup>3</sup>
Isopropyl alcohol 67-63-0	STEL: 400 ppm TWA: 200 ppm	IDLH: 2000 ppm TWA: 400 ppm TWA: 980 mg/m <sup>3</sup> STEL: 500 ppm STEL: 1225 mg/m <sup>3</sup>	TWA: 400 ppm TWA: 980 mg/m <sup>3</sup> (vacated) TWA: 400 ppm (vacated) TWA: 980 mg/m <sup>3</sup> (vacated) STEL: 500 ppm (vacated) STEL: 1225 mg/m <sup>3</sup>
Methyl alcohol 67-56-1	STEL: 250 ppm TWA: 200 ppm S*	IDLH: 6000 ppm TWA: 200 ppm TWA: 260 mg/m <sup>3</sup> STEL: 250 ppm STEL: 325 mg/m <sup>3</sup>	TWA: 200 ppm TWA: 260 mg/m <sup>3</sup> (vacated) TWA: 200 ppm (vacated) TWA: 260 mg/m <sup>3</sup> (vacated) STEL: 250 ppm (vacated) STEL: 325 mg/m <sup>3</sup> (vacated) S*
Methyl acetate 79-20-9	STEL: 250 ppm TWA: 200 ppm	IDLH: 3100 ppm TWA: 200 ppm TWA: 610 mg/m <sup>3</sup> STEL: 250 ppm STEL: 760 mg/m <sup>3</sup>	TWA: 200 ppm TWA: 610 mg/m <sup>3</sup> (vacated) TWA: 200 ppm (vacated) TWA: 610 mg/m <sup>3</sup> (vacated) STEL: 250 ppm (vacated) STEL: 760 mg/m <sup>3</sup>
Formaldehyde 50-00-0	dermal sensitizer;respiratory sensitizer STEL: 0.3 ppm TWA: 0.1 ppm	IDLH: 20 ppm Ceiling: 0.1 ppm 15 min TWA: 0.016 ppm	TWA: 0.75 ppm (vacated) TWA: 3 ppm unless specified in 1910.1048 (vacated) STEL: 10 ppm 30 min unless specified in 1910.1048 (vacated) Ceiling: 5 ppm unless specified in 1910.1048 STEL: 2 ppm see 29 CFR 1910.1048

**Derived No Effect Level (DNEL)** No information available

**Predicted No Effect Concentration (PNEC)** No information available

**Engineering controls**

Use with local exhaust ventilation. Ensure adequate ventilation, especially in confined areas. Use explosion-proof ventilating

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equipment.

## Individual protection measures, such as personal protective equipment

<b>Eye/face protection</b>	Wear safety glasses with side shields (or goggles). Avoid contact with eyes.
<b>Hand protection</b>	Wear suitable gloves.
<b>Skin and body protection</b>	Wear protective gloves and protective clothing. Avoid contact with skin, eyes or clothing.
<b>Respiratory protection</b>	During spraying wear suitable respiratory equipment.

**Environmental exposure controls** No information available.

## 9. Physical and chemical properties

### Information on basic physical and chemical properties

<b>Appearance</b>	Thixotropic Paste
<b>Color</b>	Yellow
<b>Physical state</b>	Liquid
<b>Odor</b>	Slight
<b>Odor threshold</b>	No information available

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
<b>pH</b>	9.5	
<b>pH (as aqueous solution)</b>	No data available	
<b>Melting point / freezing point</b>	No data available	
<b>Initial boiling point and boiling range</b>	No data available	
<b>Flash point</b>	No data available	
<b>Evaporation rate</b>	No data available	
<b>Flammability</b>	No data available	
<b>Flammability Limit in Air</b>		
<b>Upper flammability or explosive limits</b>	No data available	
<b>Lower flammability or explosive limits</b>	No data available	
<b>Vapor pressure</b>	No data available	
<b>Relative vapor density</b>	No data available	
<b>Relative density</b>	No data available	
<b>Water solubility</b>	dispersible	
<b>Solubility(ies)</b>	No data available	
<b>Partition coefficient</b>	No data available	
<b>Autoignition temperature</b>	No data available	
<b>Decomposition temperature</b>	No data available	
<b>Kinematic viscosity</b>	No data available	
<b>Dynamic viscosity</b>	No data available	

### Additional information

<b>Oxidizing properties</b>	No information available
<b>Solid content (%)</b>	No information available
<b>Density</b>	1.3 g/cm <sup>3</sup>

## 10. Stability and reactivity

**Stability** Stable under normal conditions.

<b>Sensitivity to mechanical impact</b>	None.
<b>Sensitivity to static discharge</b>	None.

**Possibility of hazardous reactions** None under normal processing.

**Conditions to avoid** Protect from moisture.

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**Incompatible materials** None known based on information supplied.

**Hazardous decomposition products** Carbon monoxide. Carbon dioxide (CO<sub>2</sub>). Hydrocarbons.

## 11. Toxicological information

### Product Information

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

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

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

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

### Acute Toxicity

### Numerical measures of toxicity

### Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Limestone	>5000 mg/kg (Rattus)	-	-
Water	>90 mL/kg (Rattus)	-	-
Titanium dioxide	>10000 mg/kg (Rattus)	LD50 > 10000 mg/Kg	>5 mg/l
Cellulose	>5 g/kg (Rattus)	> 2 g/kg (Oryctolagus cuniculus) > 2000 mg/kg (Oryctolagus cuniculus)	>5800 mg/m <sup>3</sup> (Rattus) 4 h
Silica, amorphous	=7900 mg/kg (Rattus)	> 5000 mg/kg (Oryctolagus cuniculus)	>2.2 mg/L (Rattus) 1 h
Aluminum hydroxide (Al(OH) <sub>3</sub> )	>5000 mg/kg (Rattus)	-	LC50 (4h) >2.3m/L air (Rattus)
Cellulose, 2-hydroxyethyl ether	DL50 >2000 mg/Kg	-	-
Iron oxide yellow	>10000 mg/kg bw Rat	-	-
2-Amino-2-methyl-1-propanol	=2900 mg/kg (Rattus)	> 2000 mg/kg (Oryctolagus cuniculus)	-
Quartz	>2000 mg/kg (Rattus)	-	-
Diuron	=1017 mg/kg (Rattus) = 4990 mg/kg (Rattus)	> 2000 mg/kg (Rattus) > 5 g/kg (Rattus)	>0.265 mg/L (Rattus)
1,2-Propylene glycol	>20 g/kg (Rattus)	LD50 > 2000 mg/kg (Oryctolagus cuniculus)	LC50 (4h) >44.9 mg/L (Rattus)
Sodium acetate	=3530 mg/kg (Rattus)	> 10 g/kg (Oryctolagus cuniculus)	>30 g/m <sup>3</sup> (Rattus) 1 h
Methyl-2-benzimidazole carbamate	=6400 mg/kg (Rattus) > 5050 mg/kg (Rattus)	= 2 g/kg (Rattus) = 8500 mg/kg (Oryctolagus cuniculus) > 10000 mg/kg	-
2-octyl-2H-isothiazol-3-one [OIT]	=125 mg/kg (Rattus)	= 690 mg/kg (Oryctolagus cuniculus)	-
Propanol, 2-(methylamino)-2-methyl-	LD50 = 500 mg/Kg (Oryctolagus cuniculus)	-	-
Isopropyl alcohol	>5000 mg/Kg	= 4059 mg/kg (Oryctolagus cuniculus)	=72600 mg/m <sup>3</sup> (Rattus) 4 h
Methyl alcohol	=2500 mg/kg (Rattus)	200-1000 mg/kg (Oryctolagus cuniculus)	=22500 ppm (Rattus) 8 h = 64000 ppm (Rattus) 4 h

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Methyl acetate	>5 g/kg (Rattus)	> 5 g/kg (Oryctolagus cuniculus)	>49000 mg/m <sup>3</sup> (Rattus) 4 h
reaction mass of 5-chloro-2-methyl-2H-isothiazol-1-3-one and 2-methyl-2H-isothiazol-3-one (3:1) [C(M)IT/MIT]	=53 mg/kg (Rattus)	LD50 = 87.12 mg/kg (Oryctolagus cuniculus)	-
Formaldehyde	=100 mg/kg (Rattus)	= 270 mg/kg (Oryctolagus cuniculus)	=0.578 mg/L (Rattus) 4 h

**Skin corrosion/irritation** Based on available data, the classification criteria are not met.

Component Information					
Titanium dioxide (13463-67-7)					
Method	Species	Exposure route	Effective dose	Exposure time	Results
OECD Test No. 404: Acute Dermal Irritation/Corrosion					Non-irritant
2-octyl-2H-isothiazol-3-one [OIT] (26530-20-1)					
Method	Species	Exposure route	Effective dose	Exposure time	Results
OECD Test No. 404: Acute Dermal Irritation/Corrosion	Rabbit	Dermal			Corrosive

**Serious eye damage/eye irritation** Based on available data, the classification criteria are not met.

Component Information					
Respiratory or skin sensitization					
Based on available data, the classification criteria are not met.					
Component Information					
2-octyl-2H-isothiazol-3-one [OIT] (26530-20-1)					
Method	Species	Exposure route	Results		
OECD Test No. 429: Skin Sensitisation: Local Lymph Node Assay	Mouse		sensitizing		

**Germ cell mutagenicity** Based on available data, the classification criteria are not met.

**Carcinogenicity** Classification based on data available for ingredients.

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

Chemical name	China	IARC
Titanium dioxide	Possibly carcinogenic to humans	Group 2B
Cellulose	-	Group 1
Silica, amorphous	-	Group 3
Quartz	Carcinogenic to humans	Group 1
Isopropyl alcohol	-	Group 3
Formaldehyde	Carcinogenic to humans	Group 1

## Legend

**IARC (International Agency for Research on Cancer)**  
Group 2B - Possibly Carcinogenic to Humans

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

Component Information	
Methyl-2-benzimidazole carbamate (10605-21-7)	



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Method	Species	Results
	in vitro	Reproductive toxicant

**Specific target organ toxicity (single exposure)** Based on available data, the classification criteria are not met.

**Specific target organ toxicity (repeated exposure)** Based on available data, the classification criteria are not met.

**Target organ effects** Eyes. Lungs. Respiratory system. Skin.  
**Aspiration hazard** Based on available data, the classification criteria are not met.

## 12. Ecological information

**Ecotoxicity** Harmful to aquatic life with long lasting effects.

Chemical name	Algae/aquatic plants	Fish	Crustacea
Limestone	CE50 (72h) >200mg/L Algae (Desmodesmus subspicatus)	CL50 (96h) >10000mg/L (Oncorhynchus mykiss)	CE50 (48h) >1000 mg/L Daphnia Magna
Titanium dioxide	LC50 (96h) >10000 mg/l (Cyprinodon variegatus) OECD 203	-	-
Silica, amorphous	EC50: =440mg/L (72h, Pseudokirchneriella subcapitata)	LC50: =5000mg/L (96h, Brachydanio rerio)	EC50: =7600mg/L (48h, Ceriodaphnia dubia)
Aluminum hydroxide (Al(OH) <sub>3</sub> )	EC50 >100 mg/l Algae (Selenastrum capricornutum)	LC50 >100 mg/L (Salmo trutta)	EC50 >100 mg/L Invertebrates (Daphnia magna)
Cellulose, 2-hydroxyethyl ether	-	CL50 (96h) >500 mg/L (Danio rerio)	-
Iron oxide yellow	-	96H >100000 mg/L	48H >100 mg/L Daphnia
2-Amino-2-methyl-1-propanol	EC50: =520mg/L (72h, Desmodesmus subspicatus)	LC50: =190mg/L (96h, Lepomis macrochirus)	EC50: =193mg/L (48h, Daphnia magna)
Zirconium oxide	-	LC50: >100mg/L (96h, Danio rerio)	-
Diuron	EC50: =0.022mg/L (96h, Desmodesmus subspicatus) EC50: <0.1mg/L (72h, Pseudokirchneriella subcapitata) EC50: =0.0007mg/L (96h, Pseudokirchneriella subcapitata) EC50: =0.036mg/L (72h, Desmodesmus subspicatus)	LC50: 2.3 - 3.3mg/L (96h, Lepomis macrochirus) LC50: 13.4 - 15mg/L (96h, Pimephales promelas) LC50: =14.7mg/L (96h, Oncorhynchus mykiss) LC50: =2.9mg/L (96h, Cyprinus carpio) LC50: =4mg/L (96h, Lepomis macrochirus) LC50: 1.5 - 2.54mg/L (96h, Oncorhynchus)	EC50: =1.4mg/L (48h, Daphnia magna) EC50: 6.3 - 13mg/L (48h, Daphnia magna)
1,2-Propylene glycol	EC50: =19000mg/L (96h, Pseudokirchneriella subcapitata)	LC50: =51600mg/L (96h, Oncorhynchus mykiss) LC50: =710mg/L (96h, Pimephales promelas) LC50: 41 - 47mL/L (96h, Oncorhynchus mykiss) LC50: =51400mg/L (96h, Pimephales promelas)	EC50: >10000mg/L (24h, Daphnia magna) EC50: >1000mg/L (48h, Daphnia magna)
Imidazo[4,5-d]imidazole-2,5(1H,3H)-dione, tetrahydro-1,3,4,6-tetrakis(hydroxymethyl)-	EC50 (72hr) =8.5 mg/L Desmodesmus subspicatus (OECD 201)	EC50 (96h) =17.6 mg/L (Brachydanio rerio) (OECD 203)	EC50 (48h) >38.9 mg/L (Daphnia magna) (OECD 202)
Sodium acetate	-	LC50: =5000mg/L (24h, Lepomis macrochirus) LC50:	EC50: >1000mg/L (48h, Daphnia magna)

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		>100mg/L (96h, Danio rerio)	
2-octyl-2H-isothiazol-3-one [OIT]	EC50(72h) = 0.084 mg/L (Scenedesmus subspicatus) (OECD 201)	LC50 (96h) = 0.036 mg/L (Oncorhynchus mykiss) (OECD 203)	EC50 (48h) =0.42 mg/L (OECD 202)
Isopropyl alcohol	EC50 72 h > 1000 mg/L (Desmodesmus subspicatus)	LC50 96 h > 1400000 ?g/L (Lepomis macrochirus )	EC50: =13299mg/L (48h, Daphnia magna)
Methyl alcohol	-	LC50 96 h > 100 mg/L (Pimephales promelas static)	-
Methyl acetate	EC50: >120mg/L (72h, Desmodesmus subspicatus)	LC50: 295 - 348mg/L (96h, Pimephales promelas) LC50: 250 - 350mg/L (96h, Brachydanio rerio)	EC50: =1026.7mg/L (48h, Daphnia magna)
reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) [C(M)IT/MIT]	EC50 (72h) =0.048 mg/L (Pseudokirchneriella subcapitata) (OECD 201)	EC50 (96h) = 0.22 mg/L (Oncorhynchus mykiss) (OECD 211)	EC50 (48h) =0.1 mg/L (Daphnia magna) (OECD 202)
Formaldehyde	-	LC50: =41mg/L (96h, Brachydanio rerio) LC50: =1510?g/L (96h, Lepomis macrochirus) LC50: 0.032 - 0.226mL/L (96h, Oncorhynchus mykiss) LC50: 100 - 136mg/L (96h, Oncorhynchus mykiss) LC50: 22.6 - 25.7mg/L (96h, Pimephales promelas) LC50: 23.2 - 29.7mg/L (96h)	LC50: =2mg/L (48h, Daphnia magna) EC50: 11.3 - 18mg/L (48h, Daphnia magna)

**Persistence and degradability** No information available.

**Bioaccumulative potential** There is no data for this product.

Chemical name	Partition coefficient
Limestone	0.9
2-Amino-2-methyl-1-propanol	-0.63
Diuron	2.82
1,2-Propylene glycol	-1.07
Imidazo[4,5-d]imidazole-2,5(1H,3H)-dione, tetrahydro-1,3,4,6-tetrakis(hydroxymethyl)-	2
2-octyl-2H-isothiazol-3-one [OIT]	2.92
Isopropyl alcohol	0.05
Methyl alcohol	-0.77
Methyl acetate	0.18
Formaldehyde	0.35

Chemical name	PBT and vPvB assessment
Titanium dioxide 13463-67-7	The substance is not PBT / vPvB PBT assessment does not apply
Silica, amorphous 7631-86-9	The substance is not PBT / vPvB PBT assessment does not apply
Aluminum hydroxide (Al(OH)3) 21645-51-2	The substance is not PBT / vPvB PBT assessment does not apply
Iron oxide yellow 51274-00-1	The substance is not PBT / vPvB PBT assessment does not apply
2-Amino-2-methyl-1-propanol 124-68-5	The substance is not PBT / vPvB
Zirconium oxide 1314-23-4	The substance is not PBT / vPvB PBT assessment does not apply
CI 11710 6486-23-3	The substance is not PBT / vPvB
Diuron 330-54-1	The substance is not PBT / vPvB

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1,2-Propylene glycol 57-55-6	The substance is not PBT / vPvB PBT assessment does not apply
Sodium acetate 127-09-3	The substance is not PBT / vPvB PBT assessment does not apply
2-octyl-2H-isothiazol-3-one [OIT] 26530-20-1	The substance is not PBT / vPvB
Isopropyl alcohol 67-63-0	The substance is not PBT / vPvB PBT assessment does not apply
Methyl alcohol 67-56-1	The substance is not PBT / vPvB PBT assessment does not apply Further information relevant for the PBT assessment is necessary
Methyl acetate 79-20-9	The substance is not PBT / vPvB
reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) [C(M)IT/MIT] 55965-84-9	The substance is not PBT / vPvB
Formaldehyde 50-00-0	The substance is not PBT / vPvB PBT assessment does not apply

**Mobility in soil** No information available.

## 13. Disposal considerations

### Waste chemicals

**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

## 14. Transport information

**IMDG** Not regulated

**IATA** Not regulated

**ADR** Not regulated

### **Special precautions for user**

Please refer to the applicable dangerous goods regulations for additional information

## 15. Regulatory information

### National regulations

**ERMA Group** HSR002670

### International Regulations

**The Montreal Protocol on Substances that Deplete the Ozone Layer** Not applicable

**The Stockholm Convention on Persistent Organic Pollutants** Not applicable

**The Rotterdam Convention** Not applicable

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## 16. Other information

### Abbreviations and acronyms

Legend Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

TWA	TWA (time-weighted average)
STEL	STEL (Short Term Exposure Limit)
Ceiling	Ceiling Limit Value
*	Skin designation
SVHC	Substance(s) of Very High Concern
PBT	Persistent, Bioaccumulative, and Toxic (PBT) Chemicals
vPvB	Very Persistent and very Bioaccumulative (vPvB) Chemicals
STOT RE	Specific target organ toxicity - Repeated exposure
STOT SE	Specific target organ toxicity - Single exposure

<b>Prepared By</b>	Product Safety & Regulatory Affairs
<b>Revision date</b>	19-Jul-2021
<b>Revision note</b>	First time release.

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

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

### 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**