

SAFETY DATA SHEET

## Easyclean Washable Matt Base

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

#### 1.1. Product identifier

##### Trade name

Easyclean Washable Matt Base

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

##### Relevant identified uses of the substance or mixture

Paint

##### Uses advised against

None known.

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

##### Company and address

##### **FSW Coatings Ltd.**

Ballaghanea, Virginia,

A82 N267, Co Cavan,

Ireland.

353 49854 7209

##### E-mail

info@fsw.ie

##### Revision

08/11/2023

##### SDS Version

1.0

#### 1.4. Emergency telephone number

The National Poisons Information Centre (NPIC)

Public: +353 (0) 1 809 2166 (7 days a week, 8am- 10pm)

Healthcare professionals: +353 (0) 1 809 2566 (24 h service)

See also section 4 "First aid measures"

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

Not classified according to Regulation (EC) No. 1272/2008 (CLP).

#### 2.2. Label elements

##### Hazard pictogram(s)

Not applicable.

##### Signal word

Not applicable.

##### Hazard statement(s)

Not applicable.

##### Precautionary statement(s)

##### General

-

##### Prevention

-

##### Response

-

##### Storage

-

##### Disposal

-

Hazardous substances

According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

titanium dioxide; [in powder form containing 1 % or more of particles with aerodynamic diameter ≤ 10 µm]

**Additional labelling**

EUH208, Contains 2-methylisothiazol-3(2H)-one, reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1). May produce an allergic reaction.

EUH210, Safety data sheet available on request.

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

**2.3. Other hazards**

**Additional warnings**

This mixture/product does not contain any substances considered to meet the criteria classifying them as PBT and/or vPvB.

This product does not contain any substances considered to be endocrine disruptors in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.

**SECTION 3: Composition/information on ingredients**

**3.1. Substances**

Not applicable. This product is a mixture.

**3.2. Mixtures**

Product/substance	Identifiers	% w/w	Classification	Note
titanium dioxide; [in powder form containing 1 % or more of particles with aerodynamic diameter ≤ 10 µm]	CAS No.: 13463-67-7 EC No.: 236-675-5 REACH: 01-2119489379-17-XXXX Index No.: 022-006-00-2	10-15%	Carc. 2, H351	[17]
Calcium carbonate	CAS No.: 471-34-1 EC No.: 207-439-9 REACH: Index No.:	1-5%		
2-(2-butoxyethoxy)ethanol	CAS No.: 112-34-5 EC No.: 203-961-6 REACH: 01-2119475104-44-XXXX Index No.:	0.01- 0.099%	Eye Irrit. 2, H319	
1,2-benzisothiazol-3(2H)-one;1,2-benzisothiazolin-3-one	CAS No.: 2634-33-5 EC No.: 220-120-9 REACH: 01-2120761540-60-XXXX Index No.: 613-088-00-6	0.01-0.09%	Acute Tox. 4, H302 Skin Irrit. 2, H315 Skin Sens. 1, H317 Eye Dam. 1, H318 Aquatic Acute 1, H400 (M=10)	
formaldehyde ...%	CAS No.: 50-00-0 EC No.: 200-001-8 REACH: 01-2119488953-20-XXXX Index No.: 605-001-00-5	0.001-0.009%	Acute Tox. 3, H301 Acute Tox. 3, H311 Skin Corr. 1B, H314 (SCL: 25.00 %) Skin Irrit. 2, H315 (SCL: 5.00 %) Skin Sens. 1, H317 (SCL: 0.20 %) Eye Irrit. 2, H319 (SCL: 5.00 %) Acute Tox. 3, H331 STOT SE 3, H335 (SCL: 5.00 %) Muta. 2, H341 Carc. 1B, H350	[1]
reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)	CAS No.: 55965-84-9 EC No.: 611-341-5 REACH: 01-2120764691-48 Index No.: 613-167-00-5	0.001-0.0014%	EUH071 Acute Tox. 3, H301 Acute Tox. 2, H310 Skin Corr. 1C, H314 (SCL: 0.60 %) Skin Irrit. 2, H315 (SCL: 0.06 %) Skin Sens. 1A, H317 (SCL: 0.0015 %) Eye Dam. 1, H318 (SCL: 0.60 %) Eye Irrit. 2, H319 (SCL: 0.06 %) Acute Tox. 2, H330 Aquatic Acute 1, H400 (M=100) Aquatic Chronic 1, H410 (M=100)	

According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

See full text of H-phrases in section 16. Occupational exposure limits are listed in section 8, if these are available.

#### Other information

[1] European occupational exposure limit.

[17] The classification as a carcinogen is not taken into consideration when classifying the product as the product is not delivered in powder form/contains less than 1 % titanium dioxide on particle form with an aerodynamic diameter  $\leq 10 \mu\text{m}$  (CLP, Annex VI, note 10).

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

##### General information

In the case of accident: Contact a doctor or casualty department – take the label or this safety data sheet. Contact a doctor if in doubt about the injured person's condition or if the symptoms persist. Never give an unconscious person water or other drink.

##### Inhalation

Upon breathing difficulties or irritation of the respiratory tract: Bring the person into fresh air and stay with him/her.

##### Skin contact

IF ON SKIN: Wash with plenty of water and soap.

Remove contaminated clothing and shoes. Ensure to wash exposed skin thoroughly with water and soap. DO NOT use solvents or thinners.

If skin irritation occurs: Get medical advice/attention.

##### Eye contact

If in eyes: Flush eyes with water or saline water (20-30 °C) for at least 5 minutes. Remove contact lenses. Seek medical assistance and continue flushing during transport.

##### Ingestion

If the person is conscious, rinse the mouth with water and stay with the person. Never give the person anything to drink.

In case of malaise, seek medical advice immediately and bring the safety data sheet or label from the product. Do not induce vomiting, unless recommended by the doctor. Have the person lean forward with head down to avoid inhalation of or choking on vomited material.

##### Burns

Not applicable.

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

Sensitisation: This product contains substances, which may trigger allergic reaction upon dermal contact.

Manifestation of allergic reactions typically takes place within 12-72 hours after exposure.

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

Treat symptomatically.

#### Information to medics

Bring this safety data sheet or the label from this product.

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

Suitable extinguishing media: Alcohol-resistant foam, carbon dioxide, powder, water mist.

Unsuitable extinguishing media: Waterjets should not be used, since they can spread the fire.

#### 5.2. Special hazards arising from the substance or mixture

Fire will result in dense smoke. Exposure to combustion products may harm your health. Closed containers, which are exposed to fire, should be cooled with water. Do not allow fire-extinguishing water to enter the sewage system and nearby surface waters.

If the product is exposed to high temperatures, e.g. in the event of fire, dangerous decomposition compounds are produced. These are:

Carbon oxides (CO / CO<sub>2</sub>)

Some metal oxides

#### 5.3. Advice for firefighters

Wear self-contained breathing apparatus and protective clothing to prevent contact. Upon direct exposure contact the National Poisons Information Centre (NPIC) on +353 (0) 1 809 256 (24 h service) in order to obtain further advice.

Fire fighters should wear appropriate personal protective equipment.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation, especially in confined areas.  
Contaminated areas may be slippery.

### 6.2. Environmental precautions

Avoid discharge to lakes, streams, sewers, etc.  
Keep unauthorized persons away from the spill

### 6.3. Methods and material for containment and cleaning up

Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations.

Wherever possible cleaning should be performed with normal cleaning agents. Avoid use of solvents.

### 6.4. Reference to other sections

See section 13 "Disposal considerations" on handling of waste.  
See section 8 "Exposure controls/personal protection" for protective measures.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Smoking, drinking and consumption of food is not allowed in the work area.  
See section 8 "Exposure controls/personal protection" for information on personal protection.

### 7.2. Conditions for safe storage, including any incompatibilities

Containers that have been opened must be carefully resealed and kept upright to prevent leakage.

#### Recommended storage material

Always store in containers of the same material as the original container.

#### Storage temperature

No specific requirements

#### Incompatible materials

Strong acids, strong bases, strong oxidizing agents, and strong reducing agents.

### 7.3. Specific end use(s)

This product should only be used for applications quoted in section 1.2.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

titanium dioxide; [in powder form containing 1 % or more of particles with aerodynamic diameter  $\leq 10 \mu\text{m}$ ]  
Long term exposure limit (8 hours) ( $\text{mg}/\text{m}^3$ ): 10(total inhalable dust) / 4(respirable dust)

Talc ( $\text{Mg}_3\text{H}_2(\text{SiO}_3)_4$ )

Long term exposure limit (8 hours) ( $\text{mg}/\text{m}^3$ ): 10(total inhalable dust)/ 0.8(respirable dust)

Calcium carbonate

Long term exposure limit (8 hours) ( $\text{mg}/\text{m}^3$ ): 10(inhalable); 4(respirable)

formaldehyde ...%

Long term exposure limit (8 hours) ( $\text{mg}/\text{m}^3$ ): 0.37

Long term exposure limit (8 hours) (ppm): 0.3

Short term exposure limit (15 minutes) ( $\text{mg}/\text{m}^3$ ): 0.738

Short term exposure limit (15 minutes) (ppm): 0.6

Annotations:

Sen = Chemical agent which following exposure may cause sensitisation of the respiratory tract and lead to asthma, rhinitis or extrinsic allergic alveolitis.

2021 Code of Practice for the Safety, Health and Welfare at Work (Chemical Agents) Regulations (2001-2015) and the Safety, Health and Welfare at Work (Carcinogens) Regulations (2001-2019).

### DNEL

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

**Duration:**

**Route of exposure:**

**DNEL:**

According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

Long term – Systemic effects - General population	Dermal	345 µg/kgbw/day
Long term – Systemic effects - Workers	Dermal	966 µg/kgbw/day
Long term – Systemic effects - General population	Inhalation	1.2 mg/m <sup>3</sup>
Long term – Systemic effects - Workers	Inhalation	6.81 mg/m <sup>3</sup>

#### Calcium carbonate

<b>Duration:</b>	<b>Route of exposure:</b>	<b>DNEL:</b>
Long term – Local effects - General population	Inhalation	1.06 mg/m <sup>3</sup>
Long term – Local effects - Workers	Inhalation	6.36 mg/m <sup>3</sup>
Long term – Systemic effects - General population	Oral	6.1 mg/kg bw/day
Short term – Systemic effects - General population	Oral	6.1 mg/kg bw/day

#### formaldehyde ...%

<b>Duration:</b>	<b>Route of exposure:</b>	<b>DNEL:</b>
Long term – Local effects - General population	Dermal	12 µg/cm <sup>2</sup>
Long term – Local effects - Workers	Dermal	37 µg/cm <sup>2</sup>
Long term – Systemic effects - General population	Dermal	102 mg/kg bw/day
Long term – Systemic effects - Workers	Dermal	240 mg/kg bw/day
Long term – Local effects - General population	Inhalation	100 µg/m <sup>3</sup>
Long term – Local effects - Workers	Inhalation	375 µg/m <sup>3</sup>
Long term – Systemic effects - General population	Inhalation	3.2 mg/m <sup>3</sup>
Long term – Systemic effects - Workers	Inhalation	9 mg/m <sup>3</sup>
Short term – Local effects - Workers	Inhalation	750 µg/m <sup>3</sup>
Long term – Systemic effects - General population	Oral	4.1 mg/kg bw/day

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

<b>Duration:</b>	<b>Route of exposure:</b>	<b>DNEL:</b>
Long term – Local effects - General population	Inhalation	20 µg/m <sup>3</sup>
Long term – Local effects - Workers	Inhalation	20 µg/m <sup>3</sup>
Short term – Local effects - General population	Inhalation	40 µg/m <sup>3</sup>
Short term – Local effects - Workers	Inhalation	40 µg/m <sup>3</sup>
Long term – Systemic effects - General population	Oral	90 µg/kgbw/day
Short term – Systemic effects - General population	Oral	110 µg/kgbw/day

#### Talc (Mg<sub>3</sub>H<sub>2</sub>(SiO<sub>3</sub>)<sub>4</sub>)

<b>Duration:</b>	<b>Route of exposure:</b>	<b>DNEL:</b>
Long term – Local effects - General population	Dermal	2.27 mg/cm <sup>2</sup>
Long term – Local effects - Workers	Dermal	4.54 mg/cm <sup>2</sup>
Long term – Systemic effects - General population	Dermal	21.6 mg/kg bw/day
Long term – Systemic effects - Workers	Dermal	43.2 mg/kg bw/day
Long term – Local effects - General population	Inhalation	1.8 mg/m <sup>3</sup>
Long term – Local effects - Workers	Inhalation	3.6 mg/m <sup>3</sup>
Long term – Systemic effects - General population	Inhalation	1.08 mg/m <sup>3</sup>
Long term – Systemic effects - Workers	Inhalation	2.16 mg/m <sup>3</sup>
Short term – Local effects - General population	Inhalation	1.8 mg/m <sup>3</sup>
Short term – Local effects - Workers	Inhalation	3.6 mg/m <sup>3</sup>
Short term – Systemic effects - General population	Inhalation	1.08 mg/m <sup>3</sup>
Short term – Systemic effects - Workers	Inhalation	2.16 mg/m <sup>3</sup>
Long term – Systemic effects - General population	Oral	160 mg/kg bw/day

According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

Short term – Systemic effects - General population	Oral	160 mg/kg bw/day
titanium dioxide; [in powder form containing 1 % or more of particles with aerodynamic diameter ≤ 10 µm]		
<b>Duration:</b>	<b>Route of exposure:</b>	<b>DNEL:</b>
Long term – Local effects - General population	Inhalation	28 µg/m <sup>3</sup>
Long term – Local effects - Workers	Inhalation	170 µg/m <sup>3</sup>
<b>PNEC</b>		
1,2-benzisothiazol-3(2H)-one;1,2-benzisothiazolin-3-one		
<b>Route of exposure:</b>	<b>Duration of Exposure:</b>	<b>PNEC:</b>
Freshwater		4.03 µg/L
Freshwater sediment		49.9 µg/kg
Intermittent release (freshwater)		1.1 µg/L
Intermittent release (marine water)		110 ng/L
Marine water		403 ng/L
Marine water sediment		4.99 µg/kg
Sewage treatment plant		1.03 mg/L
Soil		3 mg/kg
Calcium carbonate		
<b>Route of exposure:</b>	<b>Duration of Exposure:</b>	<b>PNEC:</b>
Sewage treatment plant		100 mg/L
formaldehyde ...%		
<b>Route of exposure:</b>	<b>Duration of Exposure:</b>	<b>PNEC:</b>
Freshwater		440 µg/L
Freshwater sediment		2.3 mg/kg
Intermittent release (freshwater)		4.44 mg/L
Marine water		440 µg/L
Marine water sediment		2.3 mg/kg
Sewage treatment plant		190 µg/L
Soil		200 µg/kg
reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)		
<b>Route of exposure:</b>	<b>Duration of Exposure:</b>	<b>PNEC:</b>
Freshwater		3.39 µg/L
Freshwater sediment		27 µg/kg
Intermittent release (freshwater)		3.39 µg/L
Intermittent release (marine water)		3.39 µg/L
Marine water		3.39 µg/L
Marine water sediment		27 µg/kg
Sewage treatment plant		230 µg/L
Soil		10 µg/kg
Talc (Mg <sub>3</sub> H <sub>2</sub> (SiO <sub>3</sub> ) <sub>4</sub> )		
<b>Route of exposure:</b>	<b>Duration of Exposure:</b>	<b>PNEC:</b>
Air		10 mg/m <sup>3</sup>
Freshwater		597.97 mg/L
Freshwater sediment		31.33 mg/kg
Intermittent release (freshwater)		597.97 mg/L
Intermittent release (marine water)		141.26 mg/L

According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

Marine water	141.26 mg/L
Marine water sediment	3.13 mg/kg

## 8.2. Exposure controls

Compliance with the given occupational exposure limits values should be controlled on a regular basis.

### General recommendations

Smoking, drinking and consumption of food is not allowed in the work area.

### Exposure scenarios

There are no exposure scenarios implemented for this product.

### Exposure limits

Professional users are subjected to the legally set maximum concentrations for occupational exposure. See occupational hygiene limit values above.

### Appropriate technical measures

The formation of vapours must be kept at a minimum and below current limit values (see above). Installation of a local exhaust system if normal air flow in the work room is not sufficient is recommended. Ensure eyewash and emergency showers are clearly marked.

Apply standard precautions during use of the product. Avoid inhalation of vapours.

### Hygiene measures

In between use of the product and at the end of the working day all exposed areas of the body must be washed thoroughly. Always wash hands, forearms and face.

### Measures to avoid environmental exposure

No specific requirements.

## Individual protection measures, such as personal protective equipment

### Generally

Use only CE marked protective equipment.

### Respiratory Equipment

No specific requirements

### Skin protection

No specific requirements.

### Hand protection

Material	Glove thickness (mm)	Breakthrough time (min.)	Standards
Nitrile	0,5	> 480	EN374-2, EN374-3, EN388



### Eye protection

Type	Standards
Safety glasses with side shields.	EN166



## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

#### Physical state

Liquid

#### Colour

White, Various colours

#### Odour / Odour threshold

Faint

#### pH

8.6

#### Density (g/cm<sup>3</sup>)

-

#### Relative density

1.28

#### Kinematic viscosity

According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

>0.21 cm<sup>2</sup>/s (40 °C)

**Particle characteristics**

Does not apply to liquids.

**Phase changes**

**Melting point/Freezing point (°C)**

2

**Softening point/range (waxes and pastes) (°C)**

Does not apply to liquids.

**Boiling point (°C)**

42

**Vapour pressure**

(Weighted average, 23.4 mm Hg) 3.12 kPa (20 °C)

**Relative vapour density**

7.5

**Decomposition temperature (°C)**

Stable under normal handling and storage conditions.

**Data on fire and explosion hazards**

**Flash point (°C)**

Testing not relevant or not possible due to nature of the product.

**Flammability (°C)**

Not applicable - the product is not classified as flammable.

**Auto-ignition temperature (°C)**

Testing not relevant or not possible due to nature of the product.

**Lower and upper explosion limit (% v/v)**

Testing not relevant or not possible due to the nature of the product.

**Solubility**

**Solubility in water**

Partially soluble in cold water

**n-octanol/water coefficient**

Testing not relevant or not possible due to the nature of the product.

**Solubility in fat (g/L)**

Testing not relevant or not possible due to the nature of the product.

**9.2. Other information**

**Evaporation rate (n-butylacetate = 100)**

Testing not relevant or not possible due to nature of the product.

**VOC (g/L)**

11

**Other physical and chemical parameters**

Volume Solids 32.0.0% +/- 1.0%. Weight Solids 47.0% +/- 1.0%.

**Oxidizing properties**

Not applicable

**SECTION 10: Stability and reactivity**

**10.1. Reactivity**

No data available.

**10.2. Chemical stability**

The product is stable under the conditions, noted in section 7 "Handling and storage".

**10.3. Possibility of hazardous reactions**

None known.

**10.4. Conditions to avoid**

None known.

**10.5. Incompatible materials**

Strong acids, strong bases, strong oxidizing agents, and strong reducing agents.

**10.6. Hazardous decomposition products**

The product is not degraded when used as specified in section 1.

**SECTION 11: Toxicological information**



According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

### 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

#### Acute toxicity

Product/substance	titanium dioxide; [in powder form containing 1 % or more of particles with aerodynamic diameter ≤ 10 µm]
Test method:	OECD 425
Species:	Rat
Route of exposure:	Oral
Test:	LD50
Result:	>5000 mg/kg

Product/substance	titanium dioxide; [in powder form containing 1 % or more of particles with aerodynamic diameter ≤ 10 µm]
Species:	Rabbit
Route of exposure:	Dermal
Test:	LD50
Result:	>5000 mg/kg

Product/substance	titanium dioxide; [in powder form containing 1 % or more of particles with aerodynamic diameter ≤ 10 µm]
Species:	Rat
Route of exposure:	Inhalation
Test:	LC50 (4 hours)
Result:	>6.8 mg/L

Product/substance	Calcium carbonate
Species:	Rat
Route of exposure:	Oral
Test:	LD50
Result:	6450 mg/kg

Product/substance	formaldehyde ...%
Species:	Rat
Route of exposure:	Oral
Test:	LD50
Result:	>200 mg/kg

#### Skin corrosion/irritation

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

#### Serious eye damage/irritation

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

#### Respiratory sensitisation

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

#### Skin sensitisation

This product contains substances that may trigger an allergic reaction in already sensitized persons.

#### Germ cell mutagenicity

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

#### Carcinogenicity

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

#### Reproductive toxicity

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

#### STOT-single exposure

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

#### STOT-repeated exposure

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

#### Aspiration hazard

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

### 11.2. Information on other hazards

#### Long term effects

None known.

#### Endocrine disrupting properties

This mixture/product does not contain any substances considered to have hormone-disrupting properties in relation to health.

#### Other information

titanium dioxide; [in powder form containing 1 % or more of particles with aerodynamic diameter ≤ 10 µm] has been

According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

classified by IARC as a group 2B carcinogen.  
Talc ( $Mg_3H_2(SiO_3)_4$ ) has been classified by IARC as a group 3 carcinogen.  
formaldehyde ...% has been classified by IARC as a group 1 carcinogen.

## SECTION 12: Ecological information

### 12.1. Toxicity

Product/substance titanium dioxide; [in powder form containing 1 % or more of particles with aerodynamic diameter  $\leq 10 \mu m$ ]  
Species: Fish, Pimephales promelas  
Duration: 96 hours  
Test: LC50  
Result: >1000 mg/L

Product/substance titanium dioxide; [in powder form containing 1 % or more of particles with aerodynamic diameter  $\leq 10 \mu m$ ]  
Test method: OECD 202  
Species: Daphnia, Daphnia magna  
Duration: 48 hours  
Test: LC50  
Result: >100 mg/L

Product/substance titanium dioxide; [in powder form containing 1 % or more of particles with aerodynamic diameter  $\leq 10 \mu m$ ]  
Species: Algae, Pseudokirchneriella subcapitata  
Duration: 72 hours  
Test: EC50  
Result: 16 mg/L

Product/substance Calcium carbonate  
Species: Fish  
Compartment: Freshwater  
Duration: 72 hours  
Test: LC50  
Result: >56000 mg/L

Product/substance Calcium carbonate  
Species: Fish  
Compartment: Freshwater  
Duration: 28 days  
Test: NOEC  
Result: 61000 mg/L

Product/substance reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)  
Test method: OECD 201  
Species: Fish, Oncorhynchus mykiss  
Duration: 96 hours  
Test: LC50  
Result: 0.22 mg/L

Product/substance reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)  
Test method: OECD 211  
Species: Daphnia  
Duration: 21 days  
Test: NOEC  
Result: 0.004 mg/L

Product/substance reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)  
Test method: ISO 10253 2006  
Species: Algae, Skeletonema costatum  
Duration: 48 hours  
Test: NOEC  
Result: 0.00064 mg/L

### 12.2. Persistence and degradability

According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

No data available.

**12.3. Bioaccumulative potential**

No data available.

**12.4. Mobility in soil**

No data available.

**12.5. Results of PBT and vPvB assessment**

This mixture/product does not contain any substances considered to meet the criteria classifying them as PBT and/or vPvB.

**12.6. Endocrine disrupting properties**

This mixture/product does not contain any substances considered to have endocrine-disrupting properties in relation to the environment.

**12.7. Other adverse effects**

None known.

**SECTION 13: Disposal considerations**

**13.1. Waste treatment methods**

Product is covered by the regulations on hazardous waste.

HP 7 – Carcinogenic

Commission Regulation (EU) No 1357/2014 of 18 December 2014 on waste.

**EWC code**

Not applicable.

**Contaminated packing**

Packaging containing residues of the product must be disposed of similarly to the product.

**SECTION 14: Transport information**

	<b>14.1 UN / ID</b>	<b>14.2 UN proper shipping name</b>	<b>14.3 Hazard class(es)</b>	<b>14.4 PG*</b>	<b>14.5 Env**</b>	<b>Other information:</b>
ADR	-	-	-	-	-	-
IMDG	-	-	-	-	-	-
IATA	-	-	-	-	-	-

\* Packing group

\*\* Environmental hazards

**Additional information**

Not dangerous goods according to ADR, IATA and IMDG.

**14.6. Special precautions for user**

Not applicable.

**14.7. Maritime transport in bulk according to IMO instruments**

No data available.

**SECTION 15: Regulatory information**

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

**Restrictions for application**

People under the age of 18 shall not be exposed to this product.

**Demands for specific education**

No specific requirements.

**SEVESO - Categories / dangerous substances**

formaldehyde ...%

**Additional information**

Not applicable.

**Sources**

SI No 209 of 2015 Chemicals Act (Control of Major Accident Hazards involving Dangerous Substances) Regulations 2015.

Commission Regulation (EU) No 1357/2014 of 18 December 2014 on waste.

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (CLP).

According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).

## 15.2. Chemical safety assessment

No

### SECTION 16: Other information

#### Full text of H-phrases as mentioned in 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.  
 H314, Causes severe skin burns and eye damage.  
 H315, Causes skin irritation.  
 H317, May cause an allergic skin reaction.  
 H318, Causes serious eye damage.  
 H319, Causes serious eye irritation.  
 H330, Fatal if inhaled.  
 H331, Toxic if inhaled.  
 H335, May cause respiratory irritation.  
 H341, Suspected of causing genetic defects.  
 H350, May cause cancer.  
 H351, Suspected of causing cancer.  
 H400, Very toxic to aquatic life.  
 H410, Very toxic to aquatic life with long lasting effects.

#### Abbreviations and acronyms

ADN = European Provisions concerning the International Carriage of Dangerous Goods by Inland Waterway  
 ADR = The European Agreement concerning the International Carriage of Dangerous Goods by Road  
 ATE = Acute Toxicity Estimate  
 BCF = Bioconcentration Factor  
 CAS = Chemical Abstracts Service  
 CE = Conformité Européenne (European conformity)  
 CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008]  
 CSA = Chemical Safety Assessment  
 CSR = Chemical Safety Report  
 DMEL = Derived Minimal Effect Level  
 DNEL = Derived No Effect Level  
 EINECS = European Inventory of Existing Commercial chemical Substances  
 ES = Exposure Scenario  
 EUH statement = CLP-specific Hazard statement  
 EuPCS = European Product Categorisation System  
 EWC = European Waste Catalogue  
 GHS = Globally Harmonized System of Classification and Labelling of Chemicals  
 IARC = International Agency for Research on Cancer (IARC)  
 IATA = International Air Transport Association  
 IBC = Intermediate Bulk Container  
 IMDG = International Maritime Dangerous Goods  
 LogPow = logarithm of the octanol/water partition coefficient  
 MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)  
 OECD = Organisation for Economic Co-operation and Development  
 PBT = Persistent, Bioaccumulative and Toxic  
 PNEC = Predicted No Effect Concentration  
 RID = The Regulations concerning the International Carriage of Dangerous Goods by Rail  
 RRN = REACH Registration Number  
 SCL = A specific concentration limit  
 SVHC = Substances of Very High Concern  
 STOT-RE = Specific Target Organ Toxicity - Repeated Exposure  
 STOT-SE = Specific Target Organ Toxicity - Single Exposure  
 TWA = Time weighted average  
 UN = United Nations

According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

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UVBC = Unknown or variable composition, complex reaction products or of biological materials

VOC = Volatile Organic Compound

vPvB = Very Persistent and Very Bioaccumulative

**Additional information**

Not applicable.

**The safety data sheet is validated by**

EcoOnline

**Other**

A change (in proportion to the last essential change (first cipher in SDS version, see section 1)) is marked with a blue triangle.

The information in this safety data sheet applies only to this specific product (mentioned in section 1) and is not necessarily correct for use with other chemicals/products.

It is recommended to hand over this safety data sheet to the actual user of the product. Information in this safety data sheet cannot be used as a product specification.

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