

**Safety Data Sheet**  
 according to Regulation (EC) No 1907/2006, Article 31, as amended  
 by Regulation (EU) 2020/878.

Printing date 16.01.2026

Version number 1

Revision: 15.12.2025

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

**1.1 Product identifier**

Trade name: Acrylic TC05 Pure White

Safety data sheet no.: 44P11147

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

No further relevant information available.

**Application of the substance / the mixture** Construction chemicals

**1.3 Details of the supplier of the safety data sheet**

**Manufacturer/Supplier:**

Kilwaughter Minerals Ltd.

9 Starbog Road

Larne

United Kingdom

BT40 2TJ

Phone: 028 2826 0766

Fax: 028 2826 0136

KilwaughterSDS@saint-gobain.com

**1.4 Emergency telephone number:**

- Ireland: National Poisons Information Centre: +353 (1) 809 2166 (Members of the public 8am - 10pm, 7 days a week) ; +353 (1) 809 2566 (Healthcare professionals only 24/7)

- Iceland: Poisons Information Center - Icelandic University Hospital: +354 543 2222

**SECTION 2: Hazards identification**

**2.1 Classification of the substance or mixture**

Classification according to Regulation (EC) No 1272/2008



GHS07

Skin Sens. 1 H317 May cause an allergic skin reaction.

Aquatic Chronic 3 H412 Harmful to aquatic life with long lasting effects.

**2.2 Label elements**

**Labelling according to Regulation (EC) No 1272/2008**

The product is classified and labelled according to the CLP regulation.

**Hazard pictograms**



GHS07

**Signal word** Warning

**Hazard-determining components of labelling:**

2-methyl-2H-isothiazol-3-one

octhilinone (ISO);2-octyl-2H-isothiazol-3-one

1,2-benzisothiazoline-3(2H)-one

reaction mass of 5-chloro-2- methyl-2H-isothiazol-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3- one [EC no. 220-239-6] (3:1)

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**Hazard statements**

H317 May cause an allergic skin reaction.

H412 Harmful to aquatic life with long lasting effects.

**Precautionary statements**

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

P102 Keep out of reach of children.

P103 Read carefully and follow all instructions.

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.

P273 Avoid release to the environment.

P280 Wear protective gloves.

P333+P313 If skin irritation or rash occurs: Get medical advice/attention.

P321 Specific treatment (see on this label).

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

**2.3 Other hazards**
**Results of PBT and vPvB assessment**
**PBT:** Does not contain PBT substances.

**vPvB:** Does not contain vPvB substances.

**Determination of endocrine-disrupting properties**

Does not contain substances with endocrine-disrupting properties.

### SECTION 3: Composition/information on ingredients

**3.2 Mixtures**
**Description:** Mixture consisting of the following components.

**Dangerous components:**

CAS: 93763-70-3 EC number: 618-970-4	Perlite substance with a Community workplace exposure limit	2-5%
CAS: 13463-67-7 EINECS: 236-675-5 Reg.nr.: 01-2119489379-17-xxxx	titanium dioxide substance with a Community workplace exposure limit	2-5%
CAS: 119345-04-9 EC number: 601-601-6 Reg.nr.: 01-2119492361-39-xxxx	Benzene, 1,1'-oxybis-, tetrapropylene derivs., sulfonated, sodium salts ⚠ Repr. 2, H361fd; ⚠ Eye Dam. 1, H318; ⚠ Aquatic Chronic 2, H411	≥0.1-<0.25%

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CAS: 2634-33-5 EINECS: 220-120-9 Index number: 613-088-00-6	1,2-benzisothiazoline-3(2H)-one ⚠ Acute Tox. 2, H330; ⚠ Eye Dam. 1, H318; ⚠ Aquatic Acute 1, H400 (M=1); Aquatic Chronic 1, H410 (M=1); ⚠ Acute Tox. 4, H302; Skin Irrit. 2, H315; Skin Sens. 1A, H317 ATE: LD50 oral: 450 mg/kg LC50/4 h inhalative: 0.21 mg/l Specific concentration limit: Skin Sens. 1A;H317: C ≥ 0.036 % substance with a Community workplace exposure limit	<0.025%
CAS: 2682-20-4 EINECS: 220-239-6 Index number: 613-326-00-9	2-methyl-2H-isothiazol-3-one ⚠ Acute Tox. 3, H301; Acute Tox. 3, H311; Acute Tox. 2, H330; ⚠ Skin Corr. 1B, H314; Eye Dam. 1, H318; ⚠ Aquatic Acute 1, H400 (M=10); Aquatic Chronic 1, H410 (M=1); ⚠ Skin Sens. 1A, H317, EUH071 Specific concentration limit: Skin Sens. 1A;H317: C ≥ 0.0015 % substance with a Community workplace exposure limit	≥0.0015-<0.025%
CAS: 330-54-1 EINECS: 206-354-4 Index number: 006-015-00-9 Reg.nr.: 01-2119517622-45-xxxx	diuron (ISO); 3-(3,4-dichlorophenyl)-1,1- dimethylurea ⚠ Carc. 1B, H350; STOT RE 2, H373; ⚠ Aquatic Acute 1, H400 (M=100); Aquatic Chronic 1, H410 (M=100); PMT, EUH450 Substance identified as having endocrine disrupting properties (II)	≥0.0025-<0.025%
CAS: 13463-41-7 EINECS: 236-671-3 Index number: 613-333-00-7 Reg.nr.: 01-2119511196-46-xxxx	pyrrithione zinc ⚠ Acute Tox. 3, H301; Acute Tox. 2, H330; ⚠ Repr. 1B, H360D; STOT RE 1, H372; ⚠ Eye Dam. 1, H318; ⚠ Aquatic Acute 1, H400 (M=1000); Aquatic Chronic 1, H410 (M=10) ATE: LD50 oral: 221 mg/kg LC50/4 h inhalative: 0.14 mg/l substance with a Community workplace exposure limit	≥0.0025-<0.025%

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CAS: 26530-20-1 EINECS: 247-761-7 Index number: 613-112-00-5	octhiline (ISO);2-octyl-2H-isothiazol-3-one ⚠ Acute Tox. 3, H301; Acute Tox. 3, H311; Acute Tox. 2, H330; ⚠ Skin Corr. 1, H314; Eye Dam. 1, H318; ⚠ Aquatic Acute 1, H400 (M=100); Aquatic Chronic 1, H410 (M=100); ⚠ Skin Sens. 1A, H317, EUH071 ATE: LD50 oral: 125 mg/kg LD50 dermal: 311 mg/kg LC50/4 h inhalative: 0.27 mg/l Specific concentration limit: Skin Sens. 1A;H317: C ≥ 0.0015 %	≥0.00025-<0.0015%
CAS: 55965-84-9 EC number: 611-341-5 Index number: 613-167-00-5	reaction mass of 5-chloro-2- methyl-2H- isothiazol-3-one [EC no. 247-500-7] and 2- methyl-2H-isothiazol-3- one [EC no. 220-239- 6] (3:1) ⚠ Acute Tox. 3, H301; Acute Tox. 2, H310; Acute Tox. 2, H330; ⚠ Skin Corr. 1C, H314; Eye Dam. 1, H318; ⚠ Aquatic Acute 1, H400 (M=100); Aquatic Chronic 1, H410 (M=100); ⚠ Skin Sens. 1A, H317, EUH071 Note: B Specific concentration limits: Skin Corr. 1C;H314: C ≥ 0.6 % Skin Irrit. 2; H315: 0.06 % ≤ C < 0.6 % Eye Dam. 1; H318: C ≥ 0.6 % Eye Irrit. 2; H319: 0.06 % ≤ C < 0.6 % Skin Sens. 1A; H317: C ≥ 0.0015 % substance with a Community workplace exposure limit	<0.00025%

**SVHC** Void

**Additional information** For the wording of the listed hazard statements refer to section 16.

### SECTION 4: First aid measures

#### 4.1 Description of first aid measures

**General information** Immediately remove any clothing soiled by the product.

**After inhalation**

Supply fresh air and to be sure call for a doctor.

In case of unconsciousness place patient stably in side position for transportation.

**After skin contact** Immediately wash with water and soap and rinse thoroughly.

**After eye contact**

Rinse immediately and abundantly with water. Seek medical attention, if pain or redness persists.

Remove contact lenses, if possible. Continue rinsing

**After swallowing** Rinse mouth. DO NOT induce vomiting. If symptoms persist consult a doctor.

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

No further relevant information available.

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

No further relevant information available.

### SECTION 5: Firefighting measures

**5.1 Extinguishing media**
**Suitable extinguishing agents**

 CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

**5.2 Special hazards arising from the substance or mixture** No further relevant information available.

**5.3 Advice for firefighters**
**Protective equipment:** No special measures required.

### SECTION 6: Accidental release measures

**6.1 Personal precautions, protective equipment and emergency procedures** Not required

**6.2 Environmental precautions:**

The product must not get into lakes, rivers or canals, the sewage system or into the soil. Dam up or trap any escaping fluid immediately.

The product must not get into watercourses or into the soil.

Do not drain into drains or public water systems. Alert the relevant authorities if the liquid enters a sewer or open water.

**6.3 Methods and material for containment and cleaning up:**

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Dispose of contaminated material as waste according to section 13.

Ensure adequate ventilation.

**6.4 Reference to other sections**

See Section 7 for information on safe handling

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

### SECTION 7: Handling and storage

**7.1 Precautions for safe handling**

Ensure good ventilation/exhaustion at the workplace.

Products must be stored in their original packaging, protected from the effects of weather and soil moisture.

When opening bagged products, make sure that the product is only poured into the intended mixing device and is then mixed carefully and properly.

If necessary, cover the work surface with a suitable tarpaulin.

Prepare product in accordance with manufacturer's instructions. Implementation of the appropriate health, safety and environmental risk management measures.

In case of dry mortars: Process mortar residues to let them harden, before returning the residues to recycling or disposing them off in accordance with applicable requirements and regulations.

Collect water from cleaning of tools or other equipment for reuse or disposal according to local regulations. Do not dispose cleaning water into the environment or stormwater drains.

Packaging must remain undamaged to prevent the product from leaking into the environment.

**Information about fire - and explosion protection:** No special measures required.

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**7.2 Conditions for safe storage, including any incompatibilities**
**Storage**
**Requirements to be met by storerooms and receptacles:**

Store only in unopened original receptacles.

**Information about storage in one common storage facility:** Store away from foodstuffs.

**Further information about storage conditions:** None.

**7.3 Specific end use(s)** No further relevant information available.

### SECTION 8: Exposure controls/personal protection

**8.1 Control parameters**
**Ingredients with limit values that require monitoring at the workplace:**

DNELs		
<b>CAS: 13463-67-7 titanium dioxide</b>		
Inhalative	Derived No Effect Level	1.25 mg/m <sup>3</sup> (worker local long term value) 0.21 mg/m <sup>3</sup> (consumer local long term value)
<b>CAS: 119345-04-9 Benzene, 1,1'-oxybis-, tetrapropylene derivs., sulfonated, sodium salts</b>		
Oral	Derived No Effect Level	0.6 mg/kgxday (consumer systemic long term value)
Dermal	Derived No Effect Level	1.2 mg/kgxday (worker systemic long term value) 0.6 mg/kgxday (consumer systemic long term value)
Inhalative	Derived No Effect Level	4.4 mg/m <sup>3</sup> (worker systemic long term value) 1.1 mg/m <sup>3</sup> (consumer systemic long term value)
<b>CAS: 2634-33-5 1,2-benzisothiazoline-3(2H)-one</b>		
Dermal	Derived No Effect Level	0.966 mg/kgxday (worker systemic long term value) 0.345 mg/kgxday (consumer systemic long term value)
Inhalative	Derived No Effect Level	6.81 mg/m <sup>3</sup> (worker systemic long term value) 1.2 mg/m <sup>3</sup> (consumer systemic long term value)
<b>CAS: 2682-20-4 2-methyl-2H-isothiazol-3-one</b>		
Oral	Derived No Effect Level	0.027 mg/kgxday (consumer local long term value)
Inhalative	Derived No Effect Level	0.043 mg/m <sup>3</sup> (worker local short term value) 0.021 mg/m <sup>3</sup> (worker local long term value) 0.021 mg/m <sup>3</sup> (consumer local long term value) 0.043 mg/m <sup>3</sup> (consumer local short term value)
<b>CAS: 330-54-1 diuron (ISO); 3-(3,4-dichlorophenyl)-1,1-dimethylurea</b>		
Dermal	Derived No Effect Level	5.79 mg/kgxday (worker systemic long term value)
Inhalative	Derived No Effect Level	0.17 mg/m <sup>3</sup> (worker systemic long term value)
<b>CAS: 55965-84-9 reaction mass of 5-chloro-2- methyl-2H-isothiazol-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3- one [EC no. 220-239-6] (3:1)</b>		
Oral	Derived No Effect Level	0.09 mg/kgxday (consumer systemic long term value)
Inhalative	Derived No Effect Level	0.02 mg/m <sup>3</sup> (worker local long term value) 0.02 mg/m <sup>3</sup> (consumer local long term value)

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<b>PNECs</b>	
<b>CAS: 119345-04-9 Benzene, 1,1'-oxybis-, tetrapropylene derivs., sulfonated, sodium salts</b>	
Predicted No-Effect Concentration	0.63 mg/kgxdwt (earth rating factor)
Predicted No-Effect Concentration	0.003 mg/l (sea water rating factor)
	0.031 mg/l (fresh water rating factor)
<b>CAS: 2634-33-5 1,2-benzisothiazoline-3(2H)-one</b>	
Predicted No-Effect Concentration	3 mg/kgxdwt (earth rating factor)
Predicted No-Effect Concentration	0.000403 mg/l (sea water rating factor)
	0.00403 mg/l (fresh water rating factor)
<b>CAS: 2682-20-4 2-methyl-2H-isothiazol-3-one</b>	
Predicted No-Effect Concentration	0.0471 mg/kgxdwt (earth rating factor)
Predicted No-Effect Concentration	0.00339 mg/l (sea water rating factor)
	0.00339 mg/l (fresh water rating factor)
<b>CAS: 330-54-1 diuron (ISO); 3-(3,4-dichlorophenyl)-1,1-dimethylurea</b>	
Predicted No-Effect Concentration	0.012 mg/kgxdwt (earth rating factor)
Predicted No-Effect Concentration	0.000032 mg/l (sea water rating factor)
	0.00032 mg/l (fresh water rating factor)
<b>CAS: 26530-20-1 octhilinone (ISO); 2-octyl-2H-isothiazol-3-one</b>	
Predicted No-Effect Concentration	0.0082 mg/kgxdwt (earth rating factor)
Predicted No-Effect Concentration	0.00022 mg/l (sea water rating factor)
	0.0022 mg/l (fresh water rating factor)
<b>CAS: 55965-84-9 reaction mass of 5-chloro-2- methyl-2H-isothiazol-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3- one [EC no. 220-239-6] (3:1)</b>	
Predicted No-Effect Concentration	0.01 mg/kgxdwt (earth rating factor)
Predicted No-Effect Concentration	0.00339 mg/l (sea water rating factor)
	0.00339 mg/l (fresh water rating factor)

**CAS No. / Designation of material / % / Type / Value / Unit**

<b>CAS: 93763-70-3 Perlite</b>	
LEP (Spain)	Long-term value: 10 mg/m <sup>3</sup> e
TWA (Italy)	Long-term value: (10) mg/m <sup>3</sup> (A4 (e))
VLE (Portugal)	Long-term value: 10 mg/m <sup>3</sup> A4; Irritacao
<b>CAS: 13463-67-7 titanium dioxide</b>	
AGW (Germany)	Long-term value: 1.25* 10** mg/m <sup>3</sup> 2(II);*alveolengängig**einatembar; AGS, DFG, Y
GV (Denmark)	Short-term value: 12 mg/m <sup>3</sup> Long-term value: 6 mg/m <sup>3</sup> K, som Ti
LEP (Spain)	Long-term value: 10 mg/m <sup>3</sup>

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TWA (Italy)	Long-term value: 10 mg/m <sup>3</sup> A4
VLE (Portugal)	Long-term value: 10 mg/m <sup>3</sup> A4; Irritação do TRI
OEL (Sweden)	Long-term value: 5 mg/m <sup>3</sup> totaldamm
<b>CAS: 2634-33-5 1,2-benzisothiazoline-3(2H)-one</b>	
MAK (Germany)	vgl. Abschn. IIb und Xc
<b>CAS: 2682-20-4 2-methyl-2H-isothiazol-3-one</b>	
MAK (Germany)	vgl. Abschn. IIb und Xc
<b>CAS: 13463-41-7 pyrithione zinc</b>	
MAK (Germany)	vgl. Abschn. IIb
<b>CAS: 55965-84-9 reaction mass of 5-chloro-2- methyl-2H-isothiazol-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3- one [EC no. 220-239-6] (3:1)</b>	
MAK (Germany)	Long-term value: 0.2E mg/m <sup>3</sup> vgl. Abschn. Xc

### 8.2 Exposure controls

**Appropriate engineering controls** No further data; see section 7.

**Individual protection measures, such as personal protective equipment**

**General protective and hygienic measures:**

The usual precautionary measures are to be adhered to when handling chemicals.

Immediately remove all soiled and contaminated clothing.

Wash hands before breaks and at the end of work.

Avoid contact with the skin.

Use a moisturising skin cream after processing the product.

**Respiratory protection:** Not necessary if room is well-ventilated.

**Hand protection** Protective gloves against chemicals (standard EN 374-1)

**Material of gloves** Nitrile rubber, NBR

**Eye/face protection** Protective eyewear (standard EN 166)

**Body protection:** Protective work clothing.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

#### General Information

<b>Physical state</b>	Liquid
<b>Colour:</b>	According to product specification
<b>Odour:</b>	Characteristic
<b>Odour threshold:</b>	Not determined
<b>Melting point/freezing point:</b>	Undetermined
<b>Boiling point or initial boiling point and boiling range</b>	Undetermined
<b>Flammability</b>	Not applicable
<b>Lower and upper explosion limit</b>	
<b>Lower:</b>	Not determined

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<b>Upper:</b>	Not determined
<b>Flash point:</b>	Not applicable
<b>Auto-ignition temperature:</b>	Not determined.
<b>Decomposition temperature:</b>	Not determined
<b>pH</b>	Not determined
<b>Viscosity:</b>	
<b>Kinematic viscosity</b>	Not determined.
<b>dynamic:</b>	Not determined.
<b>Solubility</b>	
<b>Water:</b>	Fully miscible
<b>Partition coefficient n-octanol/water (log value)</b>	Not determined
<b>Vapour pressure:</b>	Not determined
<b>Density and/or relative density</b>	
<b>Density:</b>	Not determined
<b>Relative density</b>	Not determined
<b>Bulk density:</b>	Not applicable.
<b>Vapour density</b>	Not determined

**9.2 Other information**
**Appearance:**
**Form:** Liquid

**Important information on protection of health and environment, and on safety.**
**Ignition temperature:** Product is not self-igniting.

**Explosive properties:** Product does not present an explosion hazard.

**Minimum ignition energy**
**Solvent separation test:** Not applicable.

**Solvent content:**
**Organic solvents:** 0.3 %

**Water:** 14.7 %

**EU-VOC (%)** 0.1167 %

**EU-VOC (g/L)** 1.1666 g/l

**Change in condition**
**Softening point/range**
**Oxidising properties** Not determined.

**Evaporation rate** Not determined

**Information with regard to physical hazard classes**
**Explosives** Void

**Flammable gases** Void

**Aerosols** Void

**Oxidising gases** Void

**Gases under pressure** Void

**Flammable liquids** Void

**Flammable solids** Void

**Self-reactive substances and mixtures** Void

**Pyrophoric liquids** Void

**Pyrophoric solids** Void

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<b>Self-heating substances and mixtures</b>	Void
<b>Substances and mixtures, which emit flammable gases in contact with water</b>	Void
<b>Oxidising liquids</b>	Void
<b>Oxidising solids</b>	Void
<b>Organic peroxides</b>	Void
<b>Corrosive to metals</b>	Void
<b>Desensitised explosives</b>	Void

### SECTION 10: Stability and reactivity

**10.1 Reactivity** No further relevant information available.

**10.2 Chemical stability** Stable at recommended storage conditions

**Thermal decomposition / Conditions to be avoided:**

No decomposition if used according to specifications.

**10.3 Possibility of hazardous reactions** No dangerous reactions known

**10.4 Conditions to avoid** No further relevant information available.

**10.5 Incompatible materials:** No further relevant information available.

**10.6 Hazardous decomposition products:** No dangerous decomposition products known.

### SECTION 11: Toxicological information

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

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

**LD/LC50 values relevant for classification:**

Components	Type	Value	Species
<b>Aqueous dispersion of a polymer based on: acrylic ester, styrene</b>			
Oral	LD50	>2,000-10,000 mg/kg	(Rat)
<b>CAS: 13463-67-7 titanium dioxide</b>			
Oral	LD50	>5,000 mg/kg	(Rat)
<b>CAS: 119345-04-9 Benzene, 1,1'-oxybis-, tetrapropylene derivs., sulfonated, sodium salts</b>			
Oral	LD50	>2,000 mg/kg	(Rat)
Dermal	LD50	>2,000 mg/kg	(Rabbit)
<b>CAS: 2634-33-5 1,2-benzisothiazoline-3(2H)-one</b>			
Oral	LD50	450 mg/kg	(ATE)
Dermal	LD50	>2,000 mg/kg	(Rat)
<b>CAS: 2682-20-4 2-methyl-2H-isothiazol-3-one</b>			
Oral	LD50	120 mg/kg	(Rat)
Dermal	LD50	242 mg/kg	(Rat)
Inhalative	LC50/4 h	0.34 mg/l	(Rat)
<b>CAS: 330-54-1 diuron (ISO); 3-(3,4-dichlorophenyl)-1,1-dimethylurea</b>			
Oral	LD50	>2,000 mg/kg	(Rat)
Dermal	LD50	>5,000 mg/kg	(Rat)

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Inhalative	LC50/4 h	>5.05 mg/l (Rat)
<b>CAS: 13463-41-7 pyrrhione zinc</b>		
Oral	LD50	221 mg/kg (ATE)
Dermal	LD50	2,100 mg/kg (Rat)
Inhalative	LC50/4 h	0.14 mg/l (ATE)
<b>CAS: 26530-20-1 octhilinone (ISO);2-octyl-2H-isothiazol-3-one</b>		
Oral	LD50	125 mg/kg (ATE)
Dermal	LD50	311 mg/kg (ATE)
<b>CAS: 55965-84-9 reaction mass of 5-chloro-2- methyl-2H-isothiazol-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3- one [EC no. 220-239-6] (3:1)</b>		
Oral	LD50	457 mg/kg (Rat)
Dermal	LD50	660 mg/kg (Rabbit)
Inhalative	LC50/4 h	2.36 mg/l (Rat)

**Primary irritant effect:**
**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 or skin sensitisation** May cause an allergic skin reaction.

**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**
**Endocrine disrupting properties**

None of the ingredients is listed.

## SECTION 12: Ecological information

**12.1 Toxicity**
**Aquatic toxicity:**

Harmful to aquatic life with long lasting effects (H412).

Harmful to aquatic life with long lasting effects.

Type of test / Effective concentration / Method / Assessment	
<b>Aqueous dispersion of a polymer based on: acrylic ester, styrene</b>	
LC50/96h	>100 mg/l (Brachydanio rerio (zebra danio))
EC50/48h	>100 mg/l (Daphnia magna)
EC50/72h	>100 mg/l (Scenedesmus subspicatus (Algae))
<b>CAS: 13463-67-7 titanium dioxide</b>	
IC50/72h	1 mg/l (Fish)
LC50/48h	>100 mg/l (aquatic invertebrates)
LC50/96h	>100 mg/l (Fish)
EC50/48h	>100 mg/l (aquatic invertebrates)

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EC50/72h	>100 mg/l (Algae)
NOEC (72h)	≥10 mg/l (aquatic algae and cyanobacteria)
NOEC (96h)	≥1 mg/l (aquatic plants other than algae)
NOEC (21d)	≥100 mg/l (aquatic invertebrates)
NOEC (28d)	≥100 mg/l (aquatic invertebrates)
	≥0.07 mg/l (Fish)
<b>CAS: 119345-04-9 Benzene, 1,1'-oxybis-, tetrapropylene derivs., sulfonated, sodium salts</b>	
LC50/48h	1.64-3.63 mg/l (aquatic invertebrates)
LC50/96h	1.3 mg/l (Fish)
EC50/96h	840.1-949 mg/l (aquatic algae and cyanobacteria)
NOEC (96h)	297.5 mg/l (aquatic algae and cyanobacteria)
	1 mg/l (Fish)
NOEC (48h)	0.5 mg/l (aquatic invertebrates)
NOEC (21d)	1 mg/l (aquatic invertebrates)
<b>CAS: 2634-33-5 1,2-benzisothiazoline-3(2H)-one</b>	
LC50/96h	2.15-22 mg/l (Fish)
EC50/48h	2.9 mg/l (aquatic invertebrates)
EC50/72h	0.07-0.15 mg/l (aquatic algae and cyanobacteria)
NOEC (72h)	0.0403-0.055 mg/l (aquatic algae and cyanobacteria)
<b>CAS: 2682-20-4 2-methyl-2H-isothiazol-3-one</b>	
LC50/48h	0.934 mg/l (aquatic invertebrates)
	6.2 mg/l (Fish)
LC50/24h	7.3 mg/l (Fish)
LC50/96h	1.81 mg/l (aquatic invertebrates)
	4.77 mg/l (Fish)
EC50/24h	0.445 mg/l (aquatic algae and cyanobacteria)
	1.7 mg/l (aquatic invertebrates)
EC50/48h	1.6 mg/l (aquatic invertebrates)
EC50/96h	0.0725 mg/l (aquatic algae and cyanobacteria)
NOEC (21d)	0.042 mg/l (aquatic invertebrates)
EC 10/16h	1 mg/l (microorganisms)
<b>CAS: 330-54-1 diuron (ISO); 3-(3,4-dichlorophenyl)-1,1-dimethylurea</b>	
IC50/72h	0.022 mg/l (Scenedesmus subspicatus (Algae))
LC50/96h	14.7 mg/l (Fish)
EC50/48h	1.4 mg/l (Daphnia magna)
EC50/72h	0.022-0.0309 mg/l (Algae)
NOEC (96h)	0.0032-0.01 mg/l (Algae)
NOEC (21d)	0.1-0.56 mg/l (Daphnia magna)
<b>CAS: 13463-41-7 pyrithione zinc</b>	
EC50/48h	0.0082 mg/l (aquatic invertebrates)
EC50/96h	0.0013 mg/l (aquatic algae and cyanobacteria)

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NOEC (96h)	0.0063 mg/l (aquatic invertebrates) 0.00046 mg/l (aquatic algae and cyanobacteria)
<b>CAS: 26530-20-1 octhiline (ISO);2-octyl-2H-isothiazol-3-one</b>	
LC50/48h	0.181 mg/l (aquatic invertebrates)
LC50/96h	0.122 mg/l (Fish)
EC50/96h	0.15 mg/l (aquatic algae and cyanobacteria)
EC 10	0.068 mg/l (aquatic algae and cyanobacteria)
<b>CAS: 55965-84-9 reaction mass of 5-chloro-2- methyl-2H-isothiazol-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3- one [EC no. 220-239-6] (3:1)</b>	
LC50/48h	0.18 mg/l (Daphnia magna)
LC50/96h	0.282 mg/l (Daphnia magna) 0.19-0.3 mg/l (Fish)
EC50/24h	0.109 mg/l (Daphnia magna) 0.0107 mg/l (aquatic algae and cyanobacteria)
EC50/48h	0.16 mg/l (Daphnia magna) 0.0181-0.0371 mg/l (aquatic algae and cyanobacteria)
EC50/96h	0.0357 mg/l (aquatic algae and cyanobacteria)
EC50/72h	0.0063-0.0273 mg/l (aquatic algae and cyanobacteria)
NOEC (14d)	0.035 mg/l (Daphnia magna)
NOEC (21d)	0.011-1.05 mg/l (Daphnia magna)
NOEC (28d)	0.098 mg/l (Fish)

**12.2 Persistence and degradability** No further relevant information available.

**Method**
**CAS: 13463-41-7 pyriothione zinc**

Biod. (28 days) | 39 %

**12.3 Bioaccumulative potential**
**CAS: 2634-33-5 1,2-benzisothiazoline-3(2H)-one**

EBAB | 0.7 log Pow

**CAS: 330-54-1 diuron (ISO); 3-(3,4-dichlorophenyl)-1,1-dimethylurea**

EBAB | 2.8 log Pow

**CAS: 13463-41-7 pyriothione zinc**

EBAB | 0.9 log Pow

**CAS: 26530-20-1 octhiline (ISO);2-octyl-2H-isothiazol-3-one**

EBAB | 2.61 log Pow (Bioaccumulation)

Bioaccumulation Factor (BCF) | 19.21

**CAS: 55965-84-9 reaction mass of 5-chloro-2- methyl-2H-isothiazol-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3- one [EC no. 220-239-6] (3:1)**

EBAB | 0.75 log Pow

**12.4 Mobility in soil** No further relevant information available.

**12.5 Results of PBT and vPvB assessment**
**PBT:** Does not contain PBT substances.

**vPvB:** Does not contain vPvB substances.

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**12.6 Endocrine disrupting properties**

The product does not contain substances with endocrine disrupting properties.

**12.7 Other adverse effects**
**Remark:** Harmful to fish

**Behaviour in sewage processing plants:**

Type of test / Effective concentration / Method / Assessment	
<b>CAS: 13463-67-7 titanium dioxide</b>	
EC 50 (3h)	1,000 mg/l (microorganisms)
<b>CAS: 2634-33-5 1,2-benzisothiazoline-3(2H)-one</b>	
EC 50 (3h)	12.8-24 mg/l (microorganisms)
<b>CAS: 2682-20-4 2-methyl-2H-isothiazol-3-one</b>	
EC 50 (3h)	41 mg/l (microorganisms)
<b>CAS: 55965-84-9 reaction mass of 5-chloro-2- methyl-2H-isothiazol-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3- one [EC no. 220-239-6] (3:1)</b>	
EC 50 (3h)	4.5 mg/l (microorganisms)

**Additional ecological information:**
**General notes:**

Danger to drinking water if even extremely small quantities leak into the ground.

Harmful to aquatic organisms

### SECTION 13: Disposal considerations

**13.1 Waste treatment methods**
**Recommendation**

Dispose of the product in accordance with national and local regulations.

Avoid release to the environment.

Do not spill water or dispose cleaning water into the environment.

When cleaning tools: remove product residues from the mixing and application tools before cleaning them with water.

Hardened product residues must be disposed of in accordance with applicable local regulations.

Cleaning with a high-pressure cleaner is not recommended, as this could result in the release of the product to the environment, which must be avoided.

Process mortar residues to let them harden, before returning the residues to recycling or disposing them of in accordance with applicable requirements.

European waste catalogue	
HP14	Ecotoxic

**Uncleaned packaging:**
**Recommendation:**

Empty contaminated packagings thoroughly. They may be recycled after thorough and proper cleaning.

**Recommended cleaning agent:** Water, if necessary together with cleansing agents.

EUG

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**SECTION 14: Transport information**

<b>14.1 UN number or ID number</b> ADR, IMDG, IATA	Void
<b>14.2 UN proper shipping name</b> ADR, IMDG, IATA	Void
<b>14.3 Transport hazard class(es)</b> ADR, ADN, IMDG, IATA Class	Void
<b>14.4 Packing group</b> ADR, IMDG, IATA	Void
<b>14.5 Environmental hazards:</b>	Not applicable
<b>14.6 Special precautions for user</b>	Not applicable
<b>14.7 Maritime transport in bulk according to IMO instruments</b>	Not applicable
<b>UN "Model Regulation":</b>	Void

**SECTION 15: Regulatory information**
**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

Regulation (EC) No 1907/2006 (REACH) (Candidate List, Annexes XIV and XVII)

Regulation (EC) No 1272/2008 (CLP)

Regulation (EU) 2020/878 (amending REACH Annex II on the compilation of safety data sheets)

**Labelling according to Regulation (EC) No 1272/2008** cf. section 2

**Directive 2012/18/EU**
**Named dangerous substances - ANNEX I** None of the ingredients is listed.

**REGULATION (EU) 2017/852 on mercury (Annex I)**

None of the ingredients is listed.

**REGULATION (EU) 2019/1021 on persistent organic pollutants (POP)**

None of the ingredients is listed.

**REGULATION (EC) No 1907/2006 ANNEX XVII** Conditions of restriction: 3

**Additional information on Entry 78**

The product falls under the microplastics restriction but is derogated under paragraph 5 of Regulation(EU) 2023/2055.

**Regulation (EU) No 649/2012**

CAS: 330-54-1 diuron (ISO); 3-(3,4-dichlorophenyl)-1,1-dimethylurea

 Annex I Part 1  
Annex I Part 2

**DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II**

None of the ingredients is listed.

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**REGULATION (EU) 2019/1148**
**Annex I - RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3))**

None of the ingredients is listed.

**Annex II - REPORTABLE EXPLOSIVES PRECURSORS**

None of the ingredients is listed.

**Regulation (EC) No 273/2004 on drug precursors**

None of the ingredients is listed.

**Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors**

None of the ingredients is listed.

**REGULATION (EU) 2024/590 on substances that deplete the ozone layer**

None of the ingredients is listed.

**15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

### SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship. This Safety Data Sheet is in compliance with Regulation (EC) No 1907/2006, Article 31 as amended by Regulation (EU) 2020/878.

**Relevant phrases**

The following list of relevant hazard statements is the full text of hazard statements mentioned elsewhere in this safety data sheet (in particular in the section 3) and is reported as required by the Regulation (EC) No 1907/2006 (REACH), Annex II, and the following amendments (Regulation (EU) 2020/878). The statements mentioned here do not refer to the product itself, but refer to the individual ingredients in the products, and are provided for information.

EUH450 Can cause long-lasting and diffuse contamination of water resources.

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.

H350 May cause cancer.

H360D May damage the unborn child.

H361fd Suspected of damaging fertility. Suspected of damaging 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.

EUH071 Corrosive to the respiratory tract.

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**Classification according to Regulation (EC) No 1272/2008**

Skin sensitisation Hazardous to the aquatic environment - long-term (chronic) aquatic hazard	The classification of the mixture is generally based on the calculation method using substance data according to Regulation (EC) No 1272/2008.
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**Department issuing SDS: EHS**
**Contact:**

Kilwaughter SDS

Phone: 028 2826 0766

KilwaughterSDS@saint-gobain.com

**Abbreviations and acronyms:**

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)

ICAO: International Civil Aviation Organisation

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

DNEL: Derived No-Effect Level (REACH)

PNEC: Predicted No-Effect Concentration (REACH)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

SVHC: Substances of Very High Concern (REACH regulation)

vPvB: very Persistent and very Bioaccumulative

ATE: Acute toxicity estimate values

Acute Tox. 3: Acute toxicity – Category 3

Acute Tox. 4: Acute toxicity – Category 4

Acute Tox. 2: Acute toxicity – Category 2

Skin Corr. 1: Skin corrosion/irritation – Category 1

Skin Corr. 1B: Skin corrosion/irritation – Category 1B

Skin Corr. 1C: Skin corrosion/irritation – Category 1C

Skin Irrit. 2: Skin corrosion/irritation – Category 2

Eye Dam. 1: Serious eye damage/eye irritation – Category 1

Skin Sens. 1: Skin sensitisation – Category 1

Skin Sens. 1A: Skin sensitisation – Category 1A

Carc. 1B: Carcinogenicity – Category 1B

Repr. 1B: Reproductive toxicity – Category 1B

Repr. 2: Reproductive toxicity – Category 2

STOT RE 1: Specific target organ toxicity (repeated exposure) – Category 1

STOT RE 2: Specific target organ toxicity (repeated exposure) – Category 2

Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1

Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard – Category 1

Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2

Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3

**\* Data compared to the previous version altered.**

According to Annex II of the REACH regulation, the modified sections in this version of the Safety Data Sheet in comparison with the previous one are marked with asterisks.