

**Supercedes date** 27-Jul-2023

**Revision date** 24-Oct-2024

**Revision Number** 3

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

### 1.1. Product identifier

**Product Name** Gyproc ProMix FINISH

**Unique Formula Identifier (UFI)** XEH0-H0NA-Q004-54AN

**Synonyms** None

**Pure substance/mixture** Mixture

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

**Recommended use** Fillers

**Uses advised against** No specific uses advised against are identified

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

#### Supplier

Saint-Gobain Construction Products (Ireland) Limited  
Unit 4 Kilcarbery Business Park  
Nangor Road  
Dublin 22  
D22 R2Y7  
Ireland  
Tel: +353 (0)1 629 8444

#### For further information, please contact

**E-mail address** [enquiries@gyproc.ie](mailto:enquiries@gyproc.ie)

### 1.4. Emergency telephone number

**Emergency telephone** ROI: 1800 744480  
NI: 0845 3990159  
(Monday - Friday, 9am - 5pm)

#### **Emergency telephone - Contact number**

|                |  |
|----------------|--|
| <b>Europe</b>  | <b>112</b>   |
| <b>Ireland</b> | National Poisons Information Centre: +353 (0)1 809 2166 (General public) |

## **SECTION 2: Hazards identification**

### 2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

|                           |                            |
|---------------------------|----------------------------|
| <b>Skin sensitisation</b> | <b>Category 1 - (H317)</b> |
|---------------------------|----------------------------|

### 2.2. Label elements

Contains 2-Methyl-2H-isothiazol-3-one; 1,2.Benzisothiazol-3(2H)-one



**Signal word**  
Warning

#### **Hazard statements**

H317 - May cause an allergic skin reaction.

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

P102 - Keep out of reach of children.

P261 - Avoid breathing dusts or mists.

P280 - Wear protective gloves, eye protection and face protection.

P302 + P352 - IF ON SKIN: Wash with plenty of soap and water.

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

P362 + P364 - Take off contaminated clothing and wash it before reuse.

P501 - Dispose of contents/ container in accordance with national regulations.

**Biocide Labelling:** Contains preservatives (CMIT/MIT(3:1), 1,2-Benzisothiazol-3(2H)-one, 2-Methyl-2H-isothiazol-3-one) to prevent microbial deterioration

#### 2.3. Other hazards

**Other hazards** No information available.

**PBT & vPvB** None known

**Endocrine Disruptor Information** This product does not contain any known or suspected endocrine disruptors.

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

#### 3.1 Substances

Not applicable

#### 3.2 Mixtures

| Chemical name                 | Weight-% | REACH registration number | EC No (EU Index No)         | Classification according to Regulation (EC) No. 1272/2008 [CLP]    | Specific concentration limit (SCL) | M-Factor | M-Factor (long-term) | Notes |
|-------------------------------|----------|---------------------------|-----------------------------|--|------------------------------------|----------|----------------------|-------|
| Calcium carbonate<br>471-34-1 | 25 - 50% | 01-2119486795-18-XXXX     | 207-439-9                   | [C]  | -                                  | -        | -                    | -     |
| Attapulgite<br>12174-11-7     | 2 - 5%   | -                         | -                           | [C]  | -                                  | -        | -                    | -     |
| Perlite<br>93763-70-3         | 2 - 5%   | -                         | -                           | [C]  | -                                  | -        | -                    | -     |
| Mica<br>12001-26-2            | 2 - 5%   | -                         | -                           | [C]  | -                                  | -        | -                    | -     |
| Bronopol<br>52-51-7           | <0.025%  | -                         | 200-143-0<br>(603-085-00-8) | Acute Tox. 4 (H302)<br>Acute Tox. 4 (H312)<br>Skin Irrit. 2 (H315) | -                                  | 10       | -                    | -     |

|   |                     |   |                             |   |  |     |     |   |
|---|---------------------|---|-----------------------------|---|--|-----|-----|---|
|   |                     |   |                             | Eye Dam. 1 (H318)<br>STOT SE 3 (H335)<br>Aquatic Acute 1<br>(H400)  |  |     |     |   |
| 1,2.Benzisothiazol-3(2H)-one<br>2634-33-5   | <0.025%             | - | 220-120-9<br>(613-088-00-6) | Acute Tox. 4 (H302)<br>Skin Irrit. 2 (H315)<br>Skin Sens. 1A<br>(H317)<br>Eye Dam. 1 (H318)<br>Acute Tox. 2 (H330)<br>Aquatic Acute 1<br>(H400)<br>Aquatic Chronic 1<br>(H410)                                    | Skin Sens. 1A<br>:: C>=0.036%  | 1   | 1   | - |
| 2-Methyl-2H-isothiazol-3-one<br>2682-20-4   | 0.0015 -<br><0.025% | - | 220-239-6<br>(613-326-00-9) | Acute Tox. 3 (H301)<br>Acute Tox. 3 (H311)<br>Skin Corr. 1B (H314)<br>Skin Sens. 1A<br>(H317)<br>Eye Dam. 1 (H318)<br>Acute Tox. 2 (H330)<br>Aquatic Acute 1<br>(H400)<br>Aquatic Chronic 1<br>(H410)<br>(EUH071) | Skin Sens. 1A<br>:: C>=0.0015%   | 10  | 1   | - |
| Reaction mass of<br>5-chloro-2-methyl-2H-isothiazol-3-one and<br>2-methyl-2H-isothiazol-3-one (3:1)<br>55965-84-9 | <0.00015 %          | - | 611-341-5<br>(613-167-00-5) | Acute Tox. 3 (H301)<br>Acute Tox. 2 (H310)<br>Skin Corr. 1C (H314)<br>Skin Sens. 1A<br>(H317)<br>Eye Dam. 1 (H318)<br>Acute Tox. 2 (H330)<br>Aquatic Acute 1<br>(H400)<br>Aquatic Chronic 1<br>(H410)<br>(EUH071) | Eye Irrit. 2 ::<br>0.06%<=C<0.6%<br>Skin Corr. 1C :: C>=0.6%<br>Skin Irrit. 2 ::<br>0.06%<=C<0.6%<br>Skin Sens. 1A ::<br>C>=0.0015%<br>Eye Dam. 1 :: C>=0.6% | 100 | 100 | B |

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

Acute Toxicity Estimate

If LD50/LC50 data is not available or does not correspond to the classification category, then the appropriate conversion value from CLP Annex I, Table 3.1.2, is used to calculate the acute toxicity estimate (ATEmix) for classifying a mixture based on its components

| Chemical name                             | Oral LD50 mg/kg | Dermal LD50 mg/kg | Inhalation LC50 - 4 hour - dust/mist - mg/L | Inhalation LC50 - 4 hour - vapour - mg/L | Inhalation LC50 - 4 hour - gas - ppm |
|---|-----------------|-------------------|---|--|--------------------------------------|
| Calcium carbonate<br>471-34-1             | >2000           | >2000             | -   | -  | -                                    |
| Perlite<br>93763-70-3                     | 10000           | No data available | No data available                           | No data available                        | No data available                    |
| Bronopol<br>52-51-7                       | 193             | 1600              | -   | -  | -                                    |
| 1,2.Benzisothiazol-3(2H)-one<br>2634-33-5 | 450 +<br>1020   | No data available | 0.21 +                                      | No data available                        | No data available                    |

| Chemical name   | Oral LD50 mg/kg | Dermal LD50 mg/kg | Inhalation LC50 - 4 hour - dust/mist - mg/L | Inhalation LC50 - 4 hour - vapour - mg/L | Inhalation LC50 - 4 hour - gas - ppm |
|---|-----------------|-------------------|---|--|--------------------------------------|
| 2-Methyl-2H-isothiazol-3-one<br>2682-20-4   | 120             | 242               | 0.11  | -  | -                                    |
| Reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)<br>55965-84-9 | 53              | 87.12             | 0.171                                       | -  | -                                    |

+ This value is the harmonised acute toxicity estimate (ATE) listed in CLP Annex VI, Part 3. This harmonised ATE value must be used when calculating the acute toxicity estimate (ATEmix) for classifying a mixture containing the listed substance

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

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

|   |   |
|---|---|
| <b>General advice</b>                     | Show this safety data sheet to the doctor in attendance.  |
| <b>Inhalation</b>                         | Remove person to fresh air and keep comfortable for breathing. Get medical attention immediately if symptoms occur. Administer oxygen if breathing is difficult.  |
| <b>Eye contact</b>                        | Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Keep eye wide open while rinsing. Do not rub affected area. Get medical attention if irritation develops and persists. |
| <b>Skin contact</b>                       | Wash skin with soap and water. Get medical attention if irritation develops and persists. In the event of any sensitisation symptoms developing, ensure further exposure is avoided.  |
| <b>Ingestion</b>                          | Rinse mouth. Get medical attention if symptoms occur. Do not induce vomiting without medical advice. If vomiting occurs spontaneously, keep head below hips to prevent aspiration. Never give anything by mouth to an unconscious person.   |
| <b>Self-protection of the first aider</b> | Remove all sources of ignition. Ensure that medical personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of contamination. Wear personal protective clothing (see section 8). Avoid contact with skin, eyes or clothing.      |

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

|                            |   |
|----------------------------|---|
| <b>Symptoms</b>            | May cause allergic skin reaction. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhoea. Prolonged or repeated contact may dry skin and cause irritation. May cause temporary eye irritation. |
| <b>Effects of Exposure</b> | No information available.   |

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

|                        |                        |
|------------------------|------------------------|
| <b>Note to doctors</b> | Treat symptomatically. |
|------------------------|------------------------|

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

**Suitable Extinguishing Media** Dry chemical. Carbon dioxide (CO<sub>2</sub>). Water spray. Alcohol resistant foam. Use extinguishing agent suitable for type of surrounding fire.

**Unsuitable extinguishing media** Full water jet.

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

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

**Hazardous combustion products** Carbon oxides. Carbon monoxide.

### 5.3. Advice for firefighters

**Special protective equipment and precautions for fire-fighters** Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

## **SECTION 6: Accidental release measures**

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

**Personal precautions** Do not handle until all safety precautions have been read and understood. Keep people away from and upwind of spill/leak. Ensure adequate ventilation. Avoid breathing vapours or mists. Avoid breathing dust. Avoid contact with skin, eyes or clothing. Wear personal protective clothing (see section 8). Wash thoroughly after handling. Do not touch or walk through spilled material.

**For emergency responders** Use personal protection recommended in Section 8.

### 6.2. Environmental precautions

**Environmental precautions** Avoid release to the environment. Local authorities should be advised if significant spillages cannot be contained.

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

**Methods for containment** Prevent further leakage or spillage if safe to do so.

**Methods for cleaning up** Clear up spills immediately and dispose of waste safely. Small spill: Wipe up with absorbent material (eg. cloth, fleece). Large spill: Cover liquid spill with sand, earth or other noncombustible absorbent material. Pick up and transfer to properly labelled containers. After cleaning, flush away traces with water. Wash thoroughly after handling.

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

### 6.4. Reference to other sections

**Reference to other sections** See section 8 for more information See section 13 for more information

## **SECTION 7: Handling and storage**

### 7.1. Precautions for safe handling

**Advice on safe handling** Keep out of reach of children. Handle in accordance with good industrial hygiene and safety practice. Read carefully and follow all instructions. Wear personal protective equipment. See section 8 for more information. Avoid contact with skin and eyes. Avoid breathing vapours or mists. Keep away from food, drink and animal feedingstuffs. Keep container

closed when not in use.

#### General hygiene considerations

Wash hands before breaks and immediately after handling the product. Do not eat, drink or smoke when using this product. Take off all contaminated clothing and wash it before reuse. Contaminated work clothing should not be allowed out of the workplace.

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

##### Storage Conditions

Keep containers tightly closed in a dry, cool and well-ventilated place. Keep container upright. Store in accordance with local regulations. Store away from incompatible materials.

#### 7.3. Specific end use(s)

##### Specific use(s)

The identified uses for this product are detailed in Section 1.2.

### **SECTION 8: Exposure controls/personal protection**

#### 8.1. Control parameters

##### Exposure Limits

| Chemical name   | European Union  | Austria                            | Belgium  | Bulgaria   | Croatia   |
|---|---|------------------------------------|--|--|---|
| Calcium carbonate<br>471-34-1   | -   | -                                  | -  | -  | TWA: 10 mg/m <sup>3</sup><br>TWA: 4 mg/m <sup>3</sup>   |
| Mica<br>12001-26-2  | -   | TWA: 10 mg/m <sup>3</sup>          | TWA: 3 mg/m <sup>3</sup>   | TWA: 3.0 mg/m <sup>3</sup><br>TWA: 6.0 mg/m <sup>3</sup> | TWA: 0.8 mg/m <sup>3</sup><br>TWA: 10 mg/m <sup>3</sup> |
| 2-Methyl-2H-isothiazol-3-one<br>2682-20-4   | -   | TWA: 0.05 mg/m <sup>3</sup><br>Sh+ | -  | -  | -   |
| Reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)<br>55965-84-9 | -   | TWA: 0.05 mg/m <sup>3</sup><br>Sh+ | -  | -  | -   |
| Chemical name   | Cyprus  | Czech Republic                     | Denmark  | Estonia  | Finland   |
| Attapulgite<br>12174-11-7   | -   | -                                  | TWA: 1 fiber/cm <sup>3</sup><br>STEL: 2 fiber/cm <sup>3</sup>                | -  | -   |
| Mica<br>12001-26-2  | -   | TWA: 2.0 mg/m <sup>3</sup>         | -  | -  | -   |
| Chemical name   | France  | Germany TRGS                       | Germany DFG  | Greece   | Hungary   |
| Calcium carbonate<br>471-34-1   | TWA: 10 mg/m <sup>3</sup>                             | -                                  | -  | -  | -   |
| Bronopol<br>52-51-7   | -   | -                                  | Sk*<br>skin sensitizer   | -  | -   |
| 1,2-Benzisothiazol-3(2H)-one<br>2634-33-5   | -   | -                                  | skin sensitizer  | -  | -   |
| 2-Methyl-2H-isothiazol-3-one<br>2682-20-4   | -   | -                                  | TWA: 0.2 mg/m <sup>3</sup><br>Peak: 0.4 mg/m <sup>3</sup><br>skin sensitizer | -  | -   |
| Chemical name   | Ireland   | Italy MDLPS                        | Italy AIDII  | Latvia   | Lithuania   |
| Calcium carbonate<br>471-34-1   | -   | -                                  | -  | TWA: 6 mg/m <sup>3</sup>                                 | -   |
| Attapulgite<br>12174-11-7   | -   | -                                  | TWA: 1 mg/m <sup>3</sup>   | -  | TWA: 0.5 fiber/cm <sup>3</sup>                          |
| Mica<br>12001-26-2  | TWA: 3 mg/m <sup>3</sup><br>STEL: 9 mg/m <sup>3</sup> | -                                  | TWA: 3 mg/m <sup>3</sup>   | -  | -   |
| Chemical name   | Luxembourg  | Malta                              | Netherlands  | Norway   | Poland  |

|  |                          |   |  |   |                           |
|--|--------------------------|---|--|---|---------------------------|
| Calcium carbonate<br>471-34-1  | -                        | -   | -  | -   | TWA: 10 mg/m <sup>3</sup> |
| Mica<br>12001-26-2   | -                        | -   | -  | TWA: 6 mg/m <sup>3</sup><br>TWA: 3 mg/m <sup>3</sup><br>STEL: 12 mg/m <sup>3</sup><br>STEL: 6 mg/m <sup>3</sup> | -                         |
| Chemical name  | Portugal                 | Romania   | Slovakia   | Slovenia  | Spain                     |
| Attapulgite<br>12174-11-7  | TWA: 1 mg/m <sup>3</sup> | -   | -  | -   | TWA: 1 mg/m <sup>3</sup>  |
| Mica<br>12001-26-2   | TWA: 3 mg/m <sup>3</sup> | TWA: 3 mg/m <sup>3</sup>  | Ceiling: 10 mg/m <sup>3</sup>  | -   | TWA: 3 mg/m <sup>3</sup>  |
| Chemical name  | Sweden                   | Switzerland   | United Kingdom   |   |                           |
| Calcium carbonate<br>471-34-1  | -                        | TWA: 3 mg/m <sup>3</sup><br>TWA: 10 mg/m <sup>3</sup>           | TWA: 10 mg/m <sup>3</sup><br>TWA: 4 mg/m <sup>3</sup>  |   |                           |
| Attapulgite<br>12174-11-7  | NGV: 0.5 fiber/cm3       | -   | -  |   |                           |
| Mica<br>12001-26-2   | -                        | TWA: 3 mg/m <sup>3</sup>  | TWA: 10 mg/m <sup>3</sup><br>TWA: 0.8 mg/m <sup>3</sup><br>STEL: 30 mg/m <sup>3</sup><br>STEL: 2.4 mg/m <sup>3</sup> |   |                           |
| 2-Methyl-2H-isothiazol-3-one<br>2682-20-4  | -                        | TWA: 0.2 mg/m <sup>3</sup><br>STEL: 0.4 mg/m <sup>3</sup>       | -  |   |                           |
| Reaction mass of<br>5-chloro-2-methyl-2H-isothiazol-<br>3-one and<br>2-methyl-2H-isothiazol-3-one<br>(3:1)<br>55965-84-9 | -                        | TWA: 0.2 mg/m <sup>3</sup><br>STEL: 0.4 mg/m <sup>3</sup><br>S+ | -  |   |                           |

#### Biological occupational exposure limits

This product, as supplied, does not contain any hazardous materials with biological limits established by the region specific regulatory bodies.

#### Derived No Effect Level (DNEL) - Workers

| Chemical name   | Oral | Dermal   | Inhalation  |
|---|------|--|---|
| Calcium carbonate<br>471-34-1   | -    | -  | 6.36 mg/m <sup>3</sup> [5] [6]  |
| Bronopol<br>52-51-7   | -    | 2 mg/kg bw/day [4] [6]<br>6 mg/kg bw/day [4] [7]<br>8 µg/cm <sup>2</sup> [5] [6]<br>8 µg/cm <sup>2</sup> [5] [7] | 3.5 mg/m <sup>3</sup> [4] [6]<br>10.5 mg/m <sup>3</sup> [4] [7]<br>2.5 mg/m <sup>3</sup> [5] [6]<br>2.5 mg/m <sup>3</sup> [5] [7] |
| 1,2.Benzisothiazol-3(2H)-one<br>2634-33-5   | -    | 0.966 mg/kg bw/day [4] [6]   | 6.81 mg/m <sup>3</sup> [4] [6]  |
| 2-Methyl-2H-isothiazol-3-one<br>2682-20-4   | -    | -  | 0.021 mg/m <sup>3</sup> [5] [6]<br>0.043 mg/m <sup>3</sup> [5] [7]  |
| Reaction mass of<br>5-chloro-2-methyl-2H-isothiazol-3-one<br>and 2-methyl-2H-isothiazol-3-one (3:1)<br>55965-84-9 | -    | -  | 0.02 mg/m <sup>3</sup> [5] [6]<br>0.04 mg/m <sup>3</sup> [5] [7]  |

#### Notes

- [4] Systemic health effects.
- [5] Local health effects.
- [6] Long term.
- [7] Short term.

#### Derived No Effect Level (DNEL) - General Public

| Chemical name   | Oral   | Dermal   | Inhalation  |
|---|--|--|---|
| Calcium carbonate<br>471-34-1   | 6.1 mg/kg bw/day [4] [6]<br>6.1 mg/kg bw/day [4] [7]     | -  | 1.06 mg/m <sup>3</sup> [5] [6]  |
| Bronopol<br>52-51-7   | 0.18 mg/kg bw/day [4] [6]<br>0.5 mg/kg bw/day [4] [7]    | 2.1 mg/kg bw/day [4] [6]<br>2.1 mg/kg bw/day [4] [7]<br>4 µg/cm <sup>2</sup> [5] [6]<br>4 µg/cm <sup>2</sup> [5] [7] | 0.6 mg/m <sup>3</sup> [4] [6]<br>1.8 mg/m <sup>3</sup> [4] [7]<br>0.6 mg/m <sup>3</sup> [5] [7] |
| 1,2.Benzisothiazol-3(2H)-one<br>2634-33-5   | -  | -  | 1.2 mg/m <sup>3</sup> [4] [6]   |
| 2-Methyl-2H-isothiazol-3-one<br>2682-20-4   | 0.027 mg/kg bw/day [4] [6]<br>0.053 mg/kg bw/day [4] [7] | -  | 0.021 mg/m <sup>3</sup> [5] [6]<br>0.043 mg/m <sup>3</sup> [5] [7]                              |
| Reaction mass of<br>5-chloro-2-methyl-2H-isothiazol-3-one<br>and 2-methyl-2H-isothiazol-3-one (3:1)<br>55965-84-9 | 0.09 mg/kg bw/day [4] [6]<br>0.11 mg/kg bw/day [4] [7]   | -  | 0.02 mg/m <sup>3</sup> [5] [6]<br>0.04 mg/m <sup>3</sup> [5] [7]                                |

**Notes**

[4] Systemic health effects.  
 [5] Local health effects.  
 [6] Long term.  
 [7] Short term.

**Predicted No Effect Concentration (PNEC)**

| Chemical name   | Freshwater | Freshwater<br>(intermittent release) | Marine water | Marine water<br>(intermittent release) | Air |
|---|------------|--------------------------------------|--------------|--|-----|
| Bronopol<br>52-51-7   | 0.01 mg/L  | 0.0025 mg/L                          | 0.0008 mg/L  | -                                      | -   |
| 1,2.Benzisothiazol-3(2H)-one<br>2634-33-5   | 4.03 µg/L  | 1.1 µg/L                             | 0.403 µg/L   | 110 ng/L                               | -   |
| 2-Methyl-2H-isothiazol-3-one<br>2682-20-4   | 3.39 µg/L  | 3.39 µg/L                            | 3.39 µg/L    | 3.39 µg/L                              | -   |
| Reaction mass of<br>5-chloro-2-methyl-2H-isothiazol-3-one<br>and 2-methyl-2H-isothiazol-3-one (3:1)<br>55965-84-9 | 3.39 µg/L  | 3.39 µg/L                            | 3.39 µg/L    | 3.39 µg/L                              | -   |

| Chemical name                             | Freshwater<br>sediment     | Marine sediment              | Sewage treatment | Soil                    | Food chain |
|---|----------------------------|------------------------------|------------------|-------------------------|------------|
| Calcium carbonate<br>471-34-1             | -                          | -                            | 100 mg/L         | -                       | -          |
| Bronopol<br>52-51-7                       | 0.041 mg/kg<br>sediment dw | 0.00328 mg/kg<br>sediment dw | 0.43 mg/L        | 0.5 mg/kg soil dw       | -          |
| 1,2.Benzisothiazol-3(2H)-one<br>2634-33-5 | 49.9 µg/kg sediment<br>dw  | 4.99 µg/kg sediment<br>dw    | 1.03 mg/L        | 3 mg/kg soil dw         | -          |
| 2-Methyl-2H-isothiazol-3-one<br>2682-20-4 | -                          | -                            | 0.23 mg/L        | 0.0471 mg/kg soil<br>dw | -          |

| Chemical name   | Freshwater sediment     | Marine sediment         | Sewage treatment | Soil               | Food chain |
|---|-------------------------|-------------------------|------------------|--------------------|------------|
| Reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)<br>55965-84-9 | 0.027 mg/kg sediment dw | 0.027 mg/kg sediment dw | 0.23 mg/L        | 0.01 mg/kg soil dw | -          |

## 8.2. Exposure controls

### Engineering controls

Use process enclosures, local exhaust ventilation or other engineering controls as the primary means to minimise worker exposure. Personal protective equipment should only be used if worker exposure cannot be controlled adequately by the engineering control measures. Ensure control measures are regularly inspected and maintained. Ensure operatives are trained to minimise exposure.

### Personal protective equipment

#### Eye/face protection

Wear safety glasses with side shields (or goggles). Eye protection must conform to standard EN 166.

#### Hand protection

Wear suitable gloves. Ensure that the breakthrough time of the glove material is not exceeded. Refer to glove supplier for information on breakthrough time for specific gloves. Considering the data specified by the glove manufacturer, check during use that the gloves are retaining their protective properties and change them as soon as any deterioration is detected. Frequent changes are recommended. Gloves must conform to standard EN 374.

#### Skin and body protection

Wear suitable protective clothing.

#### Respiratory protection

No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required. In case of insufficient ventilation, wear suitable respiratory equipment. Ensure all respiratory protective equipment is suitable for its intended use and is 'CE'-marked. Check that the respirator fits tightly and the filter is changed regularly.

#### Environmental exposure controls

Prevent product from entering drains.

## SECTION 9: Physical and chemical properties

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

|                 |                          |
|-----------------|--------------------------|
| Appearance      | Paste                    |
| Physical state  | Liquid                   |
| Colour          | White                    |
| Odour           | Characteristic           |
| Odour threshold | No information available |

| Property                                | Values | Remarks • Method  |
|---|--------|-------------------|
| Melting point / freezing point          |        | No data available |
| Initial boiling point and boiling range |        | No data available |
| Flammability                            |        | No data available |
| Flammability Limit in Air               |        |                   |
| Upper flammability or explosive limits  |        | No data available |
| Lower flammability or explosive limits  |        | No data available |
| Flash point                             |        | No data available |
| Autoignition temperature                |        | No data available |

|                            |                     |
|----------------------------|---------------------|
| Decomposition temperature  | No data available   |
| SADT (°C)                  | No data available   |
| pH                         | No data available   |
| pH (as aqueous solution)   | No data available   |
| Kinematic viscosity        | No data available   |
| Dynamic viscosity          | No data available   |
| Water solubility           | Immiscible in water |
| Solubility(ies)            | No data available   |
| Partition coefficient      | No data available   |
| Vapour pressure            | No data available   |
| Relative density           | 1                   |
| Bulk density               | No data available   |
| Liquid Density             | No data available   |
| Relative vapour density    | No data available   |
| Particle characteristics   | No data available   |
| Particle Size              | No data available   |
| Particle Size Distribution | No data available   |

#### 9.2. Other information

|                  |                          |
|------------------|--------------------------|
| Molecular weight | No information available |
| VOC content      | No information available |
| Softening point  | No information available |

#### **9.2.1. Information with regards to physical hazard classes**

|                      |                          |
|----------------------|--------------------------|
| Explosives           | No information available |
| Explosive properties | No information available |
| Oxidising properties | No information available |

#### **9.2.2. Other safety characteristics**

No information available

### **SECTION 10: Stability and reactivity**

#### 10.1. Reactivity

**Reactivity** None under normal use conditions.

#### 10.2. Chemical stability

**Stability** Stable under normal conditions.

#### **Explosion data**

Sensitivity to mechanical impact None.  
Sensitivity to static discharge None.

#### 10.3. Possibility of hazardous reactions

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

#### 10.4. Conditions to avoid

**Conditions to avoid** None known based on information supplied.

#### 10.5. Incompatible materials

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

#### 10.6. Hazardous decomposition products

**Hazardous decomposition products** None under normal use conditions.

## SECTION 11: Toxicological information

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

#### Information on likely routes of exposure

##### Product Information

|                     |   |
|---------------------|---|
| <b>Inhalation</b>   | Specific test data for the substance or mixture is not available.   |
| <b>Eye contact</b>  | Specific test data for the substance or mixture is not available.   |
| <b>Skin contact</b> | May cause sensitisation by skin contact. Specific test data for the substance or mixture is not available. Repeated or prolonged skin contact may cause allergic reactions with susceptible persons. (based on components). |
| <b>Ingestion</b>    | Specific test data for the substance or mixture is not available.   |

#### Symptoms related to the physical, chemical and toxicological characteristics

|                       |  |
|-----------------------|--|
| <b>Symptoms</b>       | May cause allergic skin reaction. Itching. Rashes. Hives. May cause temporary eye irritation. May cause discomfort if swallowed. |
| <b>Acute toxicity</b> | Based on available data, the classification criteria are not met.  |

#### Numerical measures of toxicity

##### Component Information

| Chemical name   | Oral LD50             | Dermal LD50          | Inhalation LC50                  |
|---|-----------------------|----------------------|----------------------------------|
| Calcium carbonate   | > 2000 mg/kg ( Rat )  | > 2000 mg/kg ( Rat ) | >3 mg/L ( Rat ) 4h               |
| Perlite   | > 10000 mg/kg ( Rat ) | -                    | -                                |
| Bronopol  | = 193 mg/kg ( Rat )   | = 1600 mg/kg ( Rat ) | > 5 g/m <sup>3</sup> ( Rat ) 6 h |
| 1,2.Benzisothiazol-3(2H)-one  | = 1020 mg/kg ( Rat )  | > 2000 mg/kg ( Rat ) | -                                |
| 2-Methyl-2H-isothiazol-3-one  | = 120 mg/kg ( Rat )   | = 242 mg/kg ( Rat )  | = 0.11 mg/L ( Rat ) 4 h          |
| Reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) | 64 mg/kg (Rat)        | 87.12 mg/kg (Rat)    | 0.171 mg/L (Rat)                 |

#### Delayed and immediate effects as well as chronic effects from short and long-term exposure

|                                  |   |
|----------------------------------|---|
| <b>Skin corrosion/irritation</b> | Based on available data, the classification criteria are not met. |
|----------------------------------|---|

|                              |        |
|------------------------------|--------|
| Component Information        |        |
| Calcium carbonate (471-34-1) |        |
| Exposure route               | Dermal |
| Effective dose               | 0.5 g  |

|  |        |
|--|--------|
| 2-Methyl-2H-isothiazol-3-one (2682-20-4) |        |
| Effective dose                           | 0.5 mL |

|  |        |
|--|--------|
| Reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) (55965-84-9) |        |
| Exposure route   | Dermal |

|                |        |
|----------------|--------|
| Effective dose | 0.5 mL |
|----------------|--------|

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

**Component Information**

Reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) (55965-84-9)

|                |        |
|----------------|--------|
| Effective dose | 0.1 mL |
|----------------|--------|

**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

### 11.2.1. Endocrine disrupting properties

**Endocrine disrupting properties** This product does not contain any known or suspected endocrine disruptors

### 11.2.2. Other information

**Other adverse effects** None known based on information supplied.

## **SECTION 12: Ecological information**

### 12.1. Toxicity

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

| Chemical name   | Algae/aquatic plants                                  | Fish   | Toxicity to microorganisms            | Crustacea                                     |
|---|---|--|---------------------------------------|---|
| Calcium carbonate<br>471-34-1   | -   | LC50: > 100% (96h, <i>Oncorhynchus mykiss</i> )    | -                                     | EC50: > 100% (96h, <i>Daphnia magna</i> )     |
| 2-Methyl-2H-isothiazol-3-one<br>2682-20-4   | EC50: >0.072 mg/L (72h, <i>Skeletonema costatum</i> ) | LC50: 4.77 mg/L (96h, <i>Oncorhynchus mykiss</i> ) | EC50: 41 mg/L (3h, Activated sludge)  | LC50: 0.934 mg/L (48h, <i>Daphnia magna</i> ) |
| Reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)<br>55965-84-9 | EC50: 6.3 µg/L (72h, <i>Skeletonema costatum</i> )    | LC50: 0.19 mg/L (96h, <i>Oncorhynchus mykiss</i> ) | EC50: 4.5 mg/L (3h, Activated sludge) | EC50: 0.16 mg/L (72h, <i>Daphnia magna</i> )  |

### 12.2. Persistence and degradability

**Persistence and degradability** No information available.

**12.3. Bioaccumulative potential**

**Bioaccumulation** Not likely to bioaccumulate.

**Component Information**

| Chemical name   | Partition coefficient |
|---|-----------------------|
| Bronopol  | 0.22                  |
| 1,2.Benzisothiazol-3(2H)-one  | 0.99                  |
| 2-Methyl-2H-isothiazol-3-one  | -0.486                |
| Reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) | 0.326 - 2.519         |

**12.4. Mobility in soil**

**Mobility in soil** Slightly soluble.

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

| Chemical name   | PBT and vPvB assessment         |
|---|---------------------------------|
| Calcium carbonate<br>471-34-1   | The substance is not PBT / vPvB |
| Bronopol<br>52-51-7   | The substance is not PBT / vPvB |
| 1,2.Benzisothiazol-3(2H)-one<br>2634-33-5   | The substance is not PBT / vPvB |
| 2-Methyl-2H-isothiazol-3-one<br>2682-20-4   | 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)<br>55965-84-9 | The substance is not PBT / vPvB |

**12.6. Endocrine disrupting properties**

**Endocrine disrupting properties** This product does not contain any known or suspected endocrine disruptors.

**12.7. Other adverse effects**

**Other adverse effects** None known based on information supplied.

**PMT or vPvM properties** Based on available data, the classification criteria are not met.

**SECTION 13: Disposal considerations****13.1. Waste treatment methods**

**Waste from residues/unused products** This material and its container must be disposed of in a safe way. Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.

**Contaminated packaging** Since empty containers retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.

**Waste codes / waste designations according to EWC / AVV** According to the European Waste Catalogue, Waste Codes are not product specific, but application specific. Waste codes should be assigned by the user based on the application for which the product was used.

## SECTION 14: Transport information

### IATA

|                                   |                |
|-----------------------------------|----------------|
| 14.1 UN number or ID number       | Not regulated  |
| 14.2 UN proper shipping name      | Not regulated  |
| 14.3 Transport hazard class(es)   | Not regulated  |
| 14.4 Packing group                | Not regulated  |
| 14.5 Environmental hazards        | Not applicable |
| 14.6 Special precautions for user |                |

#### Special Provisions

Note: None

### IMDG

|                                   |                |
|-----------------------------------|----------------|
| 14.1 UN number or ID number       | Not regulated  |
| 14.2 UN proper shipping name      | Not regulated  |
| 14.3 Transport hazard class(es)   | Not regulated  |
| 14.4 Packing group                | Not regulated  |
| 14.5 Environmental hazards        | Not applicable |
| 14.6 Special precautions for user |                |

#### Special Provisions

14.7 Maritime transport in bulk according to IMO instruments  
No information available

### RID

|                                   |                |
|-----------------------------------|----------------|
| 14.1 UN number or ID number       | Not regulated  |
| 14.2 UN proper shipping name      | Not regulated  |
| 14.3 Transport hazard class(es)   | Not regulated  |
| 14.4 Packing group                | Not applicable |
| 14.5 Environmental hazards        | Not applicable |
| 14.6 Special precautions for user |                |

#### Special Provisions

|                                   |                |
|-----------------------------------|----------------|
| 14.1 UN number or ID number       | Not regulated  |
| 14.2 UN proper shipping name      | Not regulated  |
| 14.3 Transport hazard class(es)   | Not regulated  |
| 14.4 Packing group                | Not regulated  |
| 14.5 Environmental hazards        | Not applicable |
| 14.6 Special precautions for user |                |

#### Special Provisions

|                                   |                |
|-----------------------------------|----------------|
| 14.1 UN number or ID number       | Not regulated  |
| 14.2 UN proper shipping name      | Not regulated  |
| 14.3 Transport hazard class(es)   | Not regulated  |
| 14.4 Packing group                | Not applicable |
| 14.5 Environmental hazard         | Not applicable |
| 14.6 Special precautions for user |                |

#### Special Provisions

## SECTION 15: Regulatory information

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

#### National regulations

##### France

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

| Chemical name                            | French RG number |
|--|------------------|
| Mica - 12001-26-2                        | RG 25            |
| 1,2.Benzisothiazol-3(2H)-one - 2634-33-5 | RG 65            |

**Germany**

**Water hazard class (WGK)** slightly hazardous to water (WGK 1)  
**Chemical Prohibition Ordinance (ChemVerbotsV)** Not applicable

**TA Luft (German Air Pollution Control Regulation)**

| Chemical name | Number    | Class    |
|---------------|-----------|----------|
| Attapulgite   | 5.2.7.1.1 | -        |
| Bronopol      | 5.2.4     | Class II |

**TRGS 905**

Not applicable

**Ordinance on the Incentive Tax on Volatile Organic Compounds (OVOC) SR 814.018** Not applicable  
**Storage of Hazardous Material** SC 10/12  
**WPO (GSchV) SR 814.201; WPA (GSchG) SR 814.20** Not applicable  
**Major Accidents Ordinance SR 814.012** Not applicable

**European Union**

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work.

**Authorisations and/or restrictions on use:**

This product contains one or more substance(s) subject to restriction (Regulation (EC) No. 1907/2006 (REACH), Annex XVII)

| Chemical name  | Restricted substance per REACH Annex XVII | Substance subject to authorisation per REACH Annex XIV |
|--|---|--|
| Calcium carbonate - 471-34-1   | 75  | -  |
| Bronopol - 52-51-7   | 75  | -  |
| 1,2.Benzisothiazol-3(2H)-one - 2634-33-5   | 75  | -  |
| 2-Methyl-2H-isothiazol-3-one - 2682-20-4   | 75  | -  |
| Reaction mass of<br>5-chloro-2-methyl-2H-isothiazol-3-one and<br>2-methyl-2H-isothiazol-3-one (3:1) - 55965-84-9 | 75  | -  |

**Persistent Organic Pollutants**

Not applicable

**Ozone-depleting substances (ODS) regulation (EC) 2024/590**

Not applicable.

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

| Chemical name                | EU - Plant Protection Products (1107/2009/EC) |
|------------------------------|---|
| Calcium carbonate - 471-34-1 | Plant protection agent                        |

**Biocidal Products Regulation (EU) No 528/2012 (BPR)**

| Chemical name      | Biocidal Products Regulation (EU) No 528/2012 (BPR)       |
|--------------------|---|
| Bronopol - 52-51-7 | Product-type 2: Disinfectants and algaecides not intended |

|  |   |
|--|---|
|  | for direct application to humans or animals Product-type 6: Preservatives for products during storage Product-type 11: Preservatives for liquid-cooling and processing systems Product-type 12: Slimicides Product-type 22: Embalming and taxidermist fluids  |
| 1,2.Benzisothiazol-3(2H)-one - 2634-33-5   | Product-type 2: Disinfectants and algaecides not intended for direct application to humans or animals Product-type 6: Preservatives for products during storage Product-type 9: Fibre, leather, rubber and polymerised materials preservatives Product-type 11: Preservatives for liquid-cooling and processing systems Product-type 12: Slimicides Product-type 13: Working or cutting fluid preservatives |
| 2-Methyl-2H-isothiazol-3-one - 2682-20-4   | Product-type 11: Preservatives for liquid-cooling and processing systems Product-type 12: Slimicides Product-type 13: Working or cutting fluid preservatives Product-type 6: Preservatives for products during storage  |
| Reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) - 55965-84-9 | Product-type 2: Disinfectants and algaecides not intended for direct application to humans or animals Product-type 4: Food and feed area Product-type 6: Preservatives for products during storage Product-type 11: Preservatives for liquid-cooling and processing systems Product-type 12: Slimicides Product-type 13: Working or cutting fluid preservatives   |

#### International Inventories

Contact supplier for inventory compliance status

#### 15.2. Chemical safety assessment

Chemical Safety Report

Not applicable

### **SECTION 16: Other information**

#### **Key or legend to abbreviations and acronyms used in the safety data sheet**

##### **Full text of any hazard and/or precautionary statements referred to under Sections 2-15**

H301 - Toxic if swallowed

H302 - Harmful if swallowed

H310 - Fatal in contact with skin

H311 - Toxic in contact with skin

H312 - Harmful in contact with skin

H314 - Causes severe skin burns and eye damage

H315 - Causes skin irritation

H317 - May cause an allergic skin reaction

H318 - Causes serious eye damage

H330 - Fatal if inhaled

H335 - May cause respiratory irritation

H400 - Very toxic to aquatic life

H410 - Very toxic to aquatic life with long lasting effects

P261 - Avoid breathing dust, fume, gas, mist, vapors and spray

P272 - Contaminated work clothing should not be allowed out of the workplace

P280 - Wear protective gloves

P302 + P352 - IF ON SKIN: Wash with plenty of water and soap

P321 - Specific treatment (see supplemental first aid instructions on this label)

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

P362 + P364 - Take off contaminated clothing and wash it before reuse

P501 - Dispose of contents and container in accordance with local, regional, national, and international regulations as applicable

#### Legend

|           |   |
|-----------|---|
| ACGIH     | American Conference of Governmental Industrial Hygienists   |
| AIDII     | Italian Association of Industrial Hygienists  |
| ADN       | Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways (Europe)     |
| ADR       | Agreement concerning the International Carriage of Dangerous Goods by Road (Europe)                 |
| AIIC      | Australian Inventory of Industrial Chemicals  |
| ATE       | Acute Toxicity Estimate   |
| ASTM      | American Society for the Testing of Materials   |
| bar       | Biological Reference Values for Chemical Compounds in the Work Area                                 |
| BAT       | Biological tolerance values for occupational exposure   |
| BEL       | Biological exposure limits  |
| bw        | Body weight   |
| Ceiling   | Maximum limit value   |
| CLP       | Classification, Labelling and Packaging Regulation; Regulation (EC) No 1272/2008                    |
| CMR       | Carcinogen, Mutagen or Reproductive Toxicant  |
| DFG       | German Research Foundation  |
| DOT       | Department of Transportation (United States)  |
| DSL       | Domestic Substances List (Canada)   |
| ECHA      | European Chemicals Agency   |
| EC Number | European Community number   |
| EmS       | Emergency Schedule  |
| ENCS      | Existing and New Chemical Substances (Japan)  |
| EPA       | Environmental Protection Agency   |
| EWC       | European Waste Codes  |
| GHS       | Globally Harmonized System  |
| IARC      | International Agency for Research on Cancer   |
| IATA      | International Air Transport Association   |
| IBC       | International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk |
| ICAO      | International Civil Aviation Organisation   |
| IECSC     | Inventory of Existing Chemical Substances in China  |
| IMDG      | International Maritime Dangerous Goods  |
| IMO       | International Maritime Organization   |
| ISO       | International Organisation for Standardisation  |
| KECI      | Korean Existing Chemicals Inventory   |
| LC50      | Lethal Concentration to 50% of a test population  |
| LD50      | Lethal Dose to 50% of a test population (Median Lethal Dose)  |
| MAL       | Measuring Technical Hygienic Air Needs  |
| MARPOL    | International Convention for the Prevention of Pollution from Ships                                 |
| MDLPS     | Ministry of Labour and Social Policy  |
| n.o.s.    | Not Otherwise Specified   |
| NOAEC     | No Observed Adverse Effect Concentration  |
| NOAEL     | No Observed Adverse Effect Level  |
| NOELR     | No Observable Effect Loading Rate   |
| NZIoC     | New Zealand Inventory of Chemicals  |
| OECD      | Organization for Economic Cooperation and Development   |
| OEL       | Occupational exposure limits  |
| PBT       | Persistent, Bioaccumulative and Toxic substance   |
| PICCS     | Philippines Inventory of Chemicals and Chemical Substances  |
| PMT       | Persistent, Mobile and Toxic  |
| PPE       | Personal protective equipment   |
| QSAR      | Quantitative Structure Activity Relationship  |

|         |   |
|---------|---|
| REACH   | Registration, Evaluation, Authorisation, and Restriction of Chemicals (REACH) Regulation (EC 1907/2006) |
| RID     | Agreement concerning the International Carriage of Dangerous Goods by Rail (Europe)                     |
| SADT    | Self-Accelerating Decomposition Temperature   |
| SAR     | Structure-activity relationship   |
| SDS     | Safety Data Sheet   |
| SL      | Surface Limit   |
| STEL    | Short Term Exposure Limit   |
| STOT RE | Specific target organ toxicity - Repeated exposure  |
| STOT SE | Specific target organ toxicity - Single exposure  |
| SVHC    | Substance of very high concern  |
| TCSI    | Taiwan Chemical Substance Inventory   |
| TDG     | Transport of Dangerous Goods (Canada)   |
| TRGS    | Technical Rule for Hazardous Substances   |
| TSCA    | Toxic Substances Control Act (United States)  |
| TWA     | Time-Weighted Average   |
| UN      | United Nations  |
| VOC     | Volatile organic compounds  |
| vPvB    | Very Persistent and Very Bioaccumulative  |
| vPvM    | Very Persistent and Very Mobile   |
| Sen+    | Sensitiser  |
| Sk*     | Skin designation  |
| **      | Hazard Designation  |

| Classification procedure  |                    |
|---|--------------------|
| Classification according to Regulation (EC) No. 1272/2008 [CLP] | Method Used        |
| Acute oral toxicity   | Calculation method |
| Acute dermal toxicity   | Calculation method |
| Acute inhalation toxicity - gas                                 | Calculation method |
| Acute inhalation toxicity - vapour                              | Calculation method |
| Acute inhalation toxicity - dust/mist                           | Calculation method |
| Skin corrosion/irritation                                       | Calculation method |
| Serious eye damage/eye irritation                               | Calculation method |
| Respiratory sensitisation                                       | Calculation method |
| Skin sensitisation  | Calculation method |
| Mutagenicity  | Calculation method |
| Carcinogenicity   | Calculation method |
| Reproductive toxicity   | Calculation method |
| STOT - single exposure  | Calculation method |
| STOT - repeated exposure  | Calculation method |
| Chronic aquatic toxicity  | Calculation method |
| Acute aquatic toxicity  | Calculation method |
| Aspiration hazard   | Calculation method |
| Ozone   | Calculation method |

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

Agency for Toxic Substances and Disease Registry (ATSDR)  
 U.S. Environmental Protection Agency ChemView Database  
 European Food Safety Authority (EFSA)  
 European Chemicals Agency (ECHA) Committee for Risk Assessment (ECHA\_RAC)  
 European Chemicals Agency (ECHA) (ECHA\_API)  
 Environmental Protection Agency  
 Acute Exposure Guideline Level(s) (AEGL(s))  
 U.S. Environmental Protection Agency Federal Insecticide, Fungicide, and Rodenticide Act  
 U.S. Environmental Protection Agency High Production Volume Chemicals  
 Food Research Journal  
 Hazardous Substance Database

International Uniform Chemical Information Database (IUCLID)

Japan GHS Classification

Australian National Industrial Chemicals Notification and Assessment Scheme (NICNAS)

NIOSH (National Institute for Occupational Safety and Health)

National Library of Medicine's ChemID Plus (NLM CIP)

National Library of Medicine's PubMed database (NLM PUBMED)

U.S. National Toxicology Program (NTP)

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

Organisation for Economic Co-operation and Development Environment, Health, and Safety Publications

Organisation for Economic Co-operation and Development High Production Volume Chemicals Programme

Organisation for Economic Co-operation and Development Screening Information Data Set

World Health Organization

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**Revision Note** Change to composition. Change in the mixture classification.

**This safety data sheet complies with the requirements of Commission Regulation (EU) 2020/878 of 18 June 2020 amending Regulation (EC) No. 1907/2006**

#### **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**