

Supersedes date 27-Jul-2023

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Revision Number 4

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

### 1.1. Product identifier

Product Name Gyproc SoundBloc

Synonyms None

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

Recommended use Internal linings in buildings

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

### 1.4. Emergency telephone number

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

| Emergency telephone - Contact number |     |
|--------------------------------------|-----|
| Europe                               | 112 |

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

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

This product is an article. Classification according to CLP is not applicable to articles.

### 2.2. Label elements

#### Additional information

As supplied, this product does not meet the requirements for labelling.

**2.3. Other hazards**

|  |  |
|--|--|
| <b>Other hazards</b>                   | Cutting and handling may create dust. Product dust may be irritating to eyes, skin and respiratory system. Sharp edges and corners may cause cuts and abrasions. |
| <b>PBT or vPvB properties</b>          | None known.  |
| <b>Endocrine Disruptor Information</b> | 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**

Calcium sulfate dihydrate encased in paper liners. Natural board constituents may include minor amounts of quartz. Small quantities of chopped glass fibre, microsilica and vermiculite may be added, with starch, foam and dispersants.

**Ingredients**

The components shown below may be present in the final article and have occupational exposure limits and/or biological occupational exposure limits requiring monitoring (see Section 8)

| Chemical name                            | Weight-%  | REACH registration number | EC No. (Index No.) | Classification according to Regulation (EC) No. 1272/2008 [CLP] | Specific concentration limit (SCL) | M-Factor | M-Factor (long-term) | Notes |
|--|-----------|---------------------------|--------------------|---|------------------------------------|----------|----------------------|-------|
| Calcium sulfate dihydrate<br>7778-18-9   | 50 - 100% | 01-2119444918-26-XXXX     | 231-900-3          | [C]   | -                                  | -        | -                    | -     |
| Quartz (SiO <sub>2</sub> )<br>14808-60-7 | <1        | -                         | 238-878-4          | [C]   | -                                  | -        | -                    | -     |
| Glass fibre<br>-                         | <1        | -                         | -                  | [C]   | -                                  | -        | -                    | -     |

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

[C] - Components with occupational exposure limits and/or biological occupational exposure limits requiring monitoring

**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 sulfate dihydrate<br>7778-18-9 | > 2000          | -                 | > 3.26                                      | -  | -                                    |

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

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

|                       |  |
|-----------------------|--|
| <b>General advice</b> | Get medical attention if irritation or other symptoms occur. Take a copy of the Safety Data Sheet when going for medical treatment.  |
| <b>Inhalation</b>     | Not an expected route of exposure. IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. IF exposed or concerned: Get medical advice/attention.  |
| <b>Eye contact</b>    | Not an expected route of exposure. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue 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.  |
| <b>Ingestion</b>      | IF SWALLOWED: Drink 1 or 2 glasses of water. Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person. Get medical attention immediately if symptoms occur.  |

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

|                            |  |
|----------------------------|--|
| <b>Symptoms</b>            | Harmful dust may be released during cutting or grinding process. Product dust may be irritating to eyes, skin and respiratory system. May cause discomfort if swallowed. Prolonged contact may cause redness and irritation. |
| <b>Effects of Exposure</b> | None known.  |

### 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

|                                       |  |
|---------------------------------------|--|
| <b>Suitable Extinguishing Media</b>   | Dry chemical, CO <sub>2</sub> , alcohol-resistant foam or water spray. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. |
| <b>Unsuitable extinguishing media</b> | Do not use a solid water stream as it may scatter and spread fire.   |

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

|   |  |
|---|--|
| <b>Specific hazards arising from the chemical</b> | None known based on information supplied.  |
| <b>Hazardous combustion products</b>              | Harmful gases or vapours. Oxides of sulphur. Carbon monoxide. Carbon dioxide (CO <sub>2</sub> ). |

### 5.3. Advice for firefighters

|   |  |
|---|--|
| <b>Special protective equipment and precautions for fire-fighters</b> | 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

|                             |  |
|-----------------------------|--|
| <b>Personal precautions</b> | Ensure adequate ventilation. Keep people away from and upwind of spill/leak. Wear personal protective clothing (see section 8). Avoid breathing dust. Avoid contact with eyes. |
|-----------------------------|--|

ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Wash thoroughly after handling.

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

### **6.2. Environmental precautions**

**Environmental precautions** Collect spillage. Avoid release to the environment. Local authorities should be advised if significant spillages cannot be contained. See Section 12 for additional Ecological Information.

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

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

**Methods for cleaning up** Use personal protection recommended in Section 8. Clear up spills immediately and dispose of waste safely. Stay upwind. Collect spillage. Sweep up and shovel into suitable containers for disposal. Avoid generation of dust. Prevent product from entering drains. After cleaning, flush away traces with water. Wash thoroughly after handling. Dispose of wastes in an approved waste disposal facility.

**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 11 for more information. See section 13 for more information.

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

### **7.1. Precautions for safe handling**

**Advice on safe handling** Read carefully and follow all instructions. Do not handle until all safety precautions have been read and understood. Wear personal protective equipment. See section 8 for more information. Keep away from food, drink and animal feedingstuffs. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Minimise dust generation and accumulation. Do not breathe dust. Ensure adequate ventilation.

**General hygiene considerations** Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and after work. When using do not eat, drink or smoke. Contaminated work clothing should not be allowed out of the workplace. Take off contaminated clothing and wash it before reuse.

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

**Storage Conditions** Store away from incompatible materials. Store in accordance with local regulations. Store in a cool, well ventilated area. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Keep away from combustible material.

### **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** Exposure to these ingredients as inhalable or respirable dust is minimal during normal use. Avoid generation of dust.

| Chemical name                            |   | European Union   |   |   |
|--|---|--|---|---|
| Quartz (SiO <sub>2</sub> )<br>14808-60-7 |   | TWA: 0.1 mg/m <sup>3</sup> ;   |   |   |
| Chemical name                            | Austria   | Belgium  | Bulgaria  | Croatia   |
| Calcium sulfate dihydrate<br>7778-18-9   | TWA-TMW: 5 mg/m <sup>3</sup> ;<br>respirable fraction<br>STEL-KZGW: 10<br>mg/m <sup>3</sup> (2 X 60 min);<br>respirable fraction  | TWA: 10 mg/m <sup>3</sup> ;  | TWA: 10.0 mg/m <sup>3</sup> ;   | -   |
| Quartz (SiO <sub>2</sub> )<br>14808-60-7 | TWA-TMW: 0.05 mg/m <sup>3</sup> ;<br>alveolar dust, respirable<br>fraction<br>C   | TWA: 0.1 mg/m <sup>3</sup> ;<br>alveolar dust<br>TWA: 0.05 mg/m <sup>3</sup> ; | TWA: 0.1 mg/m <sup>3</sup> ;<br>respirable fraction   | TWA-GVI: 0.1 mg/m <sup>3</sup> ;<br>respirable dust;<br>respirable particle |
| Chemical name                            | Cyprus  | Czech Republic   | Denmark   | Estonia   |
| Quartz (SiO <sub>2</sub> )<br>14808-60-7 | TWA: 0.1 mg/m <sup>3</sup> ;<br>respirable dust fraction  | TWA: 0.1 mg/m <sup>3</sup> ; dust  | TWA: 0.3 mg/m <sup>3</sup> ; total<br>TWA: 0.1 mg/m <sup>3</sup> ;<br>respirable<br>STEL: 0.6 mg/m <sup>3</sup> ; total<br>STEL: 0.2 mg/m <sup>3</sup> ;<br>respirable  | TWA: 0.1 mg/m <sup>3</sup> ;<br>respirable dust                             |
| Chemical name                            | Finland   | France   | Germany TRGS  | Germany DFG   |
| Calcium sulfate dihydrate<br>7778-18-9   | -   | TWA-VME: 10 mg/m <sup>3</sup> ;  | -   | TWA-MAK: 4 mg/m <sup>3</sup> ; ; i<br>nhalable fraction                     |
| Quartz (SiO <sub>2</sub> )<br>14808-60-7 | TWA: 0.05 mg/m <sup>3</sup> ;<br>respirable dust  | TWA-VME (restrictif): 0.<br>1 mg/m <sup>3</sup> ; alveolar<br>fraction         | -   | -   |
| Chemical name                            | Greece  | Hungary  | Italy MDLPS   | Italy AIDII   |
| Calcium sulfate dihydrate<br>7778-18-9   | -   | TWA-AK: 41.5 mg/m <sup>3</sup> ;   | -   | TWA: 10 mg/m <sup>3</sup> ;<br>inhalable fraction                           |
| Quartz (SiO <sub>2</sub> )<br>14808-60-7 | TWA: 0.1 mg/m <sup>3</sup> ;<br>respirable dust fraction  | TWA-AK: 0.1 mg/m <sup>3</sup> ;<br>respirable fraction                         | TWA: 0.1 mg/m <sup>3</sup> ;<br>respirable fraction   | TWA: 0.025 mg/m <sup>3</sup> ;<br>respirable fraction                       |
| Chemical name                            | Ireland   | Latvia   | Lithuania   | Luxembourg  |
| Calcium sulfate dihydrate<br>7778-18-9   | TWA: 10 mg/m <sup>3</sup> ;<br>STEL: 30<br>mg/m <sup>3</sup> (calculated);  | TWA: 4 mg/m <sup>3</sup> ; plaster<br>dust                                     | -   | -   |
| Quartz (SiO <sub>2</sub> )<br>14808-60-7 | TWA: 0.1 mg/m <sup>3</sup><br>STEL: 0.3 mg/m <sup>3</sup><br>(Silica, crystalline,<br>respirable dust)<br>TWA: 6 mg/m <sup>3</sup><br>TWA: 2.4 mg/m <sup>3</sup><br>(Silica, amorphous) | -  | TWA-IPRD: 0.1 ppm;<br>respirable fraction   | TWA: 0.1 mg/m <sup>3</sup> ;  |
| Chemical name                            | Malta   | Netherlands  | Norway  | Poland  |
| Calcium sulfate dihydrate<br>7778-18-9   | -   | -  | -   | TWA-NDS: 10 mg/m <sup>3</sup> ;<br>inhalable fraction                       |
| Quartz (SiO <sub>2</sub> )<br>14808-60-7 | -   | TWA: 0.075 mg/m <sup>3</sup> ;<br>respirable fraction                          | TWA: 0.05 mg/m <sup>3</sup> ;<br>respirable dust<br>TWA: 0.3 mg/m <sup>3</sup> ; total<br>dust<br>STEL: 0.9 mg/m <sup>3</sup> (value<br>calculated;dust<br>containing<br>.alpha.-Quartz,<br>Cristobalite and/or<br>Tridymite is evaluated<br>by summation formula.<br>At the same time, the<br>values for Nuisance dust | TWA-NDS: 0.1 mg/m <sup>3</sup> ;<br>respirable fraction                     |

|  |   |  | must be observed); total dust<br>STEL: 0.15 mg/m <sup>3</sup> (value calculated); dust containing .alpha.-Quartz, Cristobalite and/or Tridymite is evaluated by summation formula. At the same time, the values for Nuisance dust must be observed); respirable dust |   |
|--|---|--|--|---|
| Chemical name                            | Portugal  | Romania  | Slovakia   | Slovenia  |
| Calcium sulfate dihydrate<br>7778-18-9   | TWA (VLE-MP): 10 mg/m <sup>3</sup> ; inhalable fraction     | -  | TWA: 4 mg/m <sup>3</sup> ; inhalable fraction<br>TWA: 1.5 mg/m <sup>3</sup> ;  | TWA: 6 mg/m <sup>3</sup> ; respirable fraction  |
| Quartz (SiO <sub>2</sub> )<br>14808-60-7 | TWA (VLE-MP): 0.025 mg/m <sup>3</sup> ; respirable fraction | TWA: 0.1 mg/m <sup>3</sup> ; dust, respirable fraction | TWA: 0.1 mg/m <sup>3</sup> ; STEL: 0.5 mg/m <sup>3</sup> ;   | TWA: 0.05 mg/m <sup>3</sup> ; respirable fraction   |
| Chemical name                            | Spain   | Sweden   | Switzerland  | United Kingdom  |
| Calcium sulfate dihydrate<br>7778-18-9   | TWA-(VLA-ED): 10 mg/m <sup>3</sup> ;                        | -  | TWA-MAK: 3 mg/m <sup>3</sup> ; respirable dust   | TWA: 10 mg/m <sup>3</sup><br>TWA: 4.0 mg/m <sup>3</sup>   |
| Quartz (SiO <sub>2</sub> )<br>14808-60-7 | TWA-(VLA-ED): 0.05 mg/m <sup>3</sup> ; respirable fraction  | TLV-NGV: 0.1 mg/m <sup>3</sup> ; respirable fraction   | TWA-MAK: 0.15 mg/m <sup>3</sup> ; respirable dust  | TWA: 0.1 mg/m <sup>3</sup> (Silica, respirable crystalline)<br>TWA: 6 mg/m <sup>3</sup><br>TWA: 2.4 mg/m <sup>3</sup> (Silica, amorphous) |
| Glass fibre<br>-                         | -   | -  | -  | TWA: 2 fibre/mL<br>TWA: 5 mg/m <sup>3</sup>   |

**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 sulfate dihydrate<br>7778-18-9 | -    | -      | 21.17 mg/m <sup>3</sup> [4] [6]<br>5082 mg/m <sup>3</sup> [4] [7] |

**Notes**

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

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

| Chemical name                          | Oral   | Dermal | Inhalation   |
|--|--|--------|--|
| Calcium sulfate dihydrate<br>7778-18-9 | 1.52 mg/kg bw/day [4] [6]<br>11.4 mg/kg bw/day [4] [7] | -      | 5.29 mg/m <sup>3</sup> [4] [6]<br>3811 mg/m <sup>3</sup> [4] [7] |

**Notes**

- [4] Systemic health effects.

[6] Long term.  
[7] Short term.

### Predicted No Effect Concentration (PNEC)

| Chemical name                          | Freshwater sediment | Marine sediment | Sewage treatment | Soil | Food chain |
|--|---------------------|-----------------|------------------|------|------------|
| Calcium sulfate dihydrate<br>7778-18-9 | -                   | -               | 100 mg/L         | -    | -          |

## 8.2. Exposure controls

|  |  |
|--|--|
| <b>Engineering controls</b>            | Ensure adequate ventilation, especially in confined areas. Ensure that eyewash stations and safety showers are close to the workstation location. Apply technical measures to comply with the occupational exposure limits.  |
| <b>Personal protective equipment</b>   |  |
| <b>Eye/face protection</b>             | If there is a risk of contact: Tight sealing safety goggles. Eye protection must conform to standard EN 166.   |
| <b>Hand protection</b>                 | Repeated or prolonged contact: Wear suitable gloves. During cutting, grinding or sanding operations, wear protective gloves if handling sharp or rough edges.  |
| <b>Skin and body protection</b>        | No special protective equipment required.  |
| <b>Respiratory protection</b>          | Harmful dust may be released during cutting or grinding process. When workers are facing concentrations above the exposure limit they must use appropriate certified respirators. Dust mask for dust formation. Disposable filtering half mask respirators should comply with European Standard EN149 or EN405. 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. |
| <b>Environmental exposure controls</b> | Avoid creating dust.   |

## SECTION 9: Physical and chemical properties

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

|                        |   |
|------------------------|---|
| <b>Appearance</b>      | Flat sheet boards in different lengths and thicknesses, with a tapered edge |
| <b>Physical state</b>  | Solid   |
| <b>Colour</b>          | Blue, brown   |
| <b>Odour</b>           | Odourless   |
| <b>Odour threshold</b> | No information available  |

| <u>Property</u>   | <u>Values</u> | <u>Remarks • Method</u> |
|---|---------------|-------------------------|
| <b>Melting point / freezing point</b>                           |               | No data available       |
| <b>Boiling point or initial boiling point and boiling range</b> |               | No data available       |
| <b>Flammability</b>   |               | No data available       |
| <b>Lower and upper explosion limit/flammability limit</b>       |               |                         |
| Lower explosion limit   |               | No data available       |
| Upper explosion limit   |               | No data available       |
| <b>Flash point</b>  |               | No data available       |
| <b>Autoignition temperature</b>                                 |               | 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                                  | No data available |
| Solubility  | No data available |
| Partition coefficient n-octanol/water (log value) | No data available |
| Vapour pressure                                   | No data available |
| Density and/or relative density                   | No data available |
| Bulk density                                      | No data available |
| Liquid Density                                    | No data available |
| Relative vapour density                           | No data available |
| Particle characteristics                          |                   |
| 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**

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. Stable under recommended storage 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 Dust formation. Extremes of temperature and direct sunlight.

**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>   | Harmful dust may be released during cutting or grinding process. Inhalation of dust in high concentration may cause irritation of respiratory system. |
| <b>Eye contact</b>  | Not an expected route of exposure. Dust contact with the eyes can lead to mechanical irritation.  |
| <b>Skin contact</b> | Prolonged contact may cause redness and irritation. Contact with dust can cause mechanical irritation or drying of the skin.                          |
| <b>Ingestion</b>    | Not an expected route of exposure. May cause gastrointestinal discomfort.   |

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

**Symptoms** Harmful dust may be released during cutting or grinding process. Product dust may be irritating to eyes, skin and respiratory system. May cause discomfort if swallowed. Prolonged contact may cause redness and irritation.

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

**Numerical measures of toxicity** No information available.

#### Component Information

| Chemical name             | Oral LD50            | Dermal LD50 | Inhalation LC50     |
|---------------------------|----------------------|-------------|---------------------|
| Calcium sulfate dihydrate | > 2000 mg/kg ( Rat ) | -           | > 3.26 mg/l ( Rat ) |

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

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

| Component Information                 |                |   |         |               |              |
|---------------------------------------|----------------|---|---------|---------------|--------------|
| Calcium sulfate dihydrate (7778-18-9) |                |   |         |               |              |
| Exposure route                        | Effective dose | Method  | Species | Exposure time | Results      |
| Dermal                                | 0.5 g          | OECD Test No. 404:<br>Acute Dermal Irritation/Corrosion |         | 4 hours       | non-irritant |

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

| Component Information                 |  |         |                |               |              |
|---------------------------------------|--|---------|----------------|---------------|--------------|
| Calcium sulfate dihydrate (7778-18-9) |  |         |                |               |              |
| Effective dose                        | Method   | Species | Exposure route | Exposure time | Results      |
| 0.1 g                                 | OECD Test No. 405:<br>Acute Eye Irritation/Corrosion |         | Eye            |               | non-irritant |

**Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.

| Component Information |  |  |  |  |  |
|-----------------------|--|--|--|--|--|
|-----------------------|--|--|--|--|--|

| Calcium sulfate dihydrate (7778-18-9) |                                       |                |                       |
|---------------------------------------|---------------------------------------|----------------|-----------------------|
| Species                               | Method                                | Exposure route | Results               |
| Guinea pig                            | OECD Test No. 406: Skin Sensitisation | Dermal         | Not a skin sensitiser |

**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** Not applicable.

## 11.2. Information on other hazards

### 11.2.1. Endocrine disrupting properties

**Endocrine disruption for human health** 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** Based on available data, the classification criteria are not met. Not considered to be harmful to aquatic life.

| Chemical name             | Fish   | Crustacea | Algae/aquatic plants | Toxicity to microorganisms |
|---------------------------|--|-----------|----------------------|----------------------------|
| Calcium sulfate dihydrate | LC50: =2980mg/L (96h, <i>Lepomis macrochirus</i> )<br>LC50: >1970mg/L (96h, <i>Pimephales promelas</i> ) | -         | -                    | -                          |

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

Calcium sulfate dihydrate (7778-18-9)

| Exposure time | Method | Value | Results |
|---------------|--------|-------|---------|
| -             |        |       |         |

**12.3. Bioaccumulative potential** No information available.

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

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

No information available.

| Chemical name             | PBT and vPvB assessment |
|---------------------------|-------------------------|
| Calcium sulfate dihydrate | Not PBT/vPvB            |

**12.6. Endocrine disrupting properties**

This product does not contain any known or suspected endocrine disruptors.

**12.7. 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**

The generation of waste should be minimised or avoided wherever possible. Recover or recycle if possible. 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**

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                | 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   | None                     |
| 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 regulated  |
| 14.5 Environmental hazards                              | Not applicable |
| 14.6 Special precautions for user<br>Special Provisions | None           |

|   |                |
|---|----------------|
| <u>ADR</u>  | Not regulated  |
| 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<br>Special Provisions | None           |

|   |                |
|---|----------------|
| <u>ADN</u>  | Not regulated  |
| 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<br>Special Provisions | None           |

## 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 |
|--|------------------|
| Quartz (SiO <sub>2</sub> )<br>14808-60-7 | RG 25            |

##### Chemical Prohibition Ordinance (ChemVerbotsV)

Not applicable.

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

| Chemical name                            | Number    | Class |
|--|-----------|-------|
| Quartz (SiO <sub>2</sub> )<br>14808-60-7 | 5.2.7.1.1 | -     |

##### TRGS 905

Not applicable

##### Netherlands

##### Carcinogenic, mutagenic and reproductive toxic effects

| Chemical name                            | Netherlands - List of Carcinogens | Netherlands - List of Mutagens | Netherlands - List of Reproductive Toxins |
|--|-----------------------------------|--------------------------------|---|
| Quartz (SiO <sub>2</sub> )<br>14808-60-7 | Present                           | -                              | -   |

Ordinance on the Incentive Tax on Volatile Organic Compounds (OVOC) SR 814.018 Not applicable

**Storage of Hazardous Material**

WPO (GSchV) SR 814.201; WPA (GSchG) SR 814.20

Major Accidents Ordinance SR 814.012

Not applicable

Not applicable

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 does not contain substances subject to authorisation (Regulation (EC) No. 1907/2006 (REACH), Annex XIV) This product does not contain substances subject to restriction (Regulation (EC) No. 1907/2006 (REACH), Annex XVII)

**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) |
|--|---|
| Quartz (SiO <sub>2</sub> )<br>14808-60-7 | Plant protection agent                        |

**Explosives Precursors Marketing and Use (2019/1148)**

Not applicable.

**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**

List may include phrases which are not applicable to this product

|         |   |
|---------|---|
| 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       | U.S. 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)  |
| MAK       | Maximum Concentration at the Workplace  |
| 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                       |
| As   | Allergenic substance                                  |
| C    | Carcinogen  |
| DS   | Dermal Sensitizer                                     |
| Ot   | Ototoxicant   |
| pOt  | Ototoxicant - potential to cause hearing disorders    |
| PS   | Photosensitizer                                       |
| RS   | Respiratory Sensitizer                                |
| S    | Sensitizer  |
| poS  | Sensitizer - capable of causing occupational asthma   |
| Sa   | Simple asphyxiant                                     |
| Sd   | Skin designation                                      |
| pSd  | Skin designation - potential for cutaneous absorption |
| Sdv  | Skin designation - vacated                            |
| Sk   | Skin notation   |
| dSk  | Skin notation - danger of cutaneous absorption        |
| pSk  | Skin notation - potential for cutaneous absorption    |

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

U.S. 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)  
 U.S. 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)  
 International Organization for Economic Co-operation and Development (OECD) Environment, Health, and Safety Publications  
 International Organization for Economic Co-operation and Development (OECD) High Production Volume Chemicals Program  
 International Organization for Economic Co-operation and Development (OECD) Screening Information Data Set  
 United Nations World Health Organization (WHO)

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**Further information** This SDS is not mandated under REACH Regulation (EC) No 1907/2006 and is provided for information only

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amending Regulation (EC) No. 1907/2006

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**End of Safety Data Sheet**