



# SAFETY DATA SHEET

This safety data sheet was created pursuant to the requirements of:  
Regulation (EC) No. 1907/2006 and Regulation (EC) No. 1272/2008

Issuing Date 09-Dec-2020

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Revision Number 1

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

### 1.1. Product identifier

Product Name Gyproc Skimcoat

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

Recommended use Gypsum building plaster

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)

Europe emergency contact number: 112

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

*Regulation (EC) No 1272/2008*

This mixture is classified as not hazardous according to regulation (EC) 1272/2008 [CLP]

### 2.2. Label elements

#### Hazard statements

Not classified

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

P102 - Keep out of reach of children

### 2.3. Other hazards

The product does not contain any substance(s) classified as PBT or vPvB. Product dust may be irritating to eyes, skin and respiratory system. Plaster may form an alkaline solution on contact with body moisture or when mixed with water. May cause irritation. Prolonged contact with moist or wet product may cause burns.

**SECTION 3: Composition/information on ingredients****3.1 Substances**

Not applicable

**3.2 Mixtures**

Chemical name	Weight-%	REACH registration number	EC No	Classification according to Regulation (EC) No. 1272/2008 [CLP]	Specific concentration limit (SCL)	M-Factor	M-Factor (long-term)
Calcium sulfate hemihydrate 10034-76-1	75 - 100	-	231-900-3	Not Classified [C]	-	-	-
Quartz (SiO <sub>2</sub> ) 14808-60-7	1 - <5	-	238-878-4	Not Classified [C]	-	-	-
Calcium dihydroxide 1305-62-0	0.5 - <1	01-211947515 1-45-XXXX	215-137-3	Skin Irrit. 2 (H315) Eye Dam. 1 (H318) STOT SE 3 (H335) [C]	-	-	-
(+)-tartaric acid 87-69-4	<1	01-211953720 4-47-XXXX	201-766-0	Eye Dam. 1 (H318) [C]	-	-	-

[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 LD<sub>50</sub>/LC<sub>50</sub> 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 (ATE<sub>mix</sub>) for classifying a mixture based on its components

Chemical name	Oral LD <sub>50</sub>	Dermal LD <sub>50</sub>	Inhalation LC <sub>50</sub> - 4 hour - dust/mist - mg/L	Inhalation LC <sub>50</sub> - 4 hour - vapour - mg/L	Inhalation LC <sub>50</sub> - 4 hour - gas - ppm
Calcium sulfate hemihydrate 10034-76-1	> 2000 mg/kg	-	> 3.26 mg/L	-	-
Calcium dihydroxide 1305-62-0	> 2000 mg/kg	> 2500 mg/kg	> 6.04 mg/L	-	-

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>Inhalation</b>	Remove person to fresh air and keep comfortable for breathing. Get medical attention if symptoms occur.
<b>Eye contact</b>	Rinse thoroughly with plenty of water, also under the eyelids.
<b>Skin contact</b>	Wash skin with soap and water.
<b>Ingestion</b>	Clean mouth with water and afterwards drink plenty of water.

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

<b>Symptoms</b>	Product dust may be irritating to eyes, skin and respiratory system. Plaster may form an alkaline solution on contact with body moisture or when mixed with water. May cause irritation. Prolonged contact with moist or wet product may cause burns. May cause discomfort if swallowed.
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#### **4.3. Indication of any immediate medical attention and special treatment needed**

<b>Note to doctors</b>	Treat symptomatically.
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### **SECTION 5: Firefighting measures**

#### **5.1. Extinguishing media**

<b>Suitable Extinguishing Media</b>	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
<b>Unsuitable extinguishing media</b>	Full water jet.

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

<b>Specific hazards arising from the chemical</b>	Plaster may form an alkaline solution when mixed with water.
<b>Hazardous combustion products</b>	Carbon monoxide. Carbon dioxide (CO <sub>2</sub> ). Sulphur oxides.

#### **5.3. Advice for firefighters**

<b>Specific/special fire-fighting measures</b>	Fires need to be assessed to determine appropriate protocols and safety measures for firefighting, including establishing safe zones, extinguishing media to be used, firefighter protection, and actions to control or extinguish the fire. Move containers from fire area if you can do it without risk. Cool containers with flooding quantities of water until well after fire is out.
<b>Special protective equipment 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>	Do not handle until all safety precautions have been read and understood. Wear personal protective clothing (see section 8). Avoid breathing dust.
<b>For emergency responders</b>	Use personal protection recommended in Section 8.

#### **6.2. Environmental precautions**

<b>Environmental precautions</b>	Avoid release to the environment.
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**6.3. Methods and material for containment and cleaning up**

<b>Methods for containment</b>	Prevent further leakage or spillage if safe to do so.
<b>Methods for cleaning up</b>	Use personal protection recommended in Section 8. Clear up spills immediately and dispose of waste safely. Reuse or recycle wherever possible. Stay upwind. Wash thoroughly after handling.
<b>Prevention of secondary hazards</b>	Clean contaminated objects and areas thoroughly observing environmental regulations.

**6.4. Reference to other sections**

<b>Reference to other sections</b>	See section 8 for more information. See section 13 for more information.
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**SECTION 7: Handling and storage****7.1. Precautions for safe handling**

<b>Advice on safe handling</b>	Read carefully and follow all instructions. Keep out of reach of children. Wear personal protective equipment. Keep away from food, drink and animal feedingstuffs. Keep container closed when not in use. Plaster may form an alkaline solution when mixed with water. Minimise dust generation and accumulation. Avoid breathing dust.
<b>General hygiene considerations</b>	Handle in accordance with good industrial hygiene and safety practice.

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

<b>Storage Conditions</b>	Store away from incompatible materials.
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**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 sulfate hemihydrate 10034-76-1	-	TWA: 5 mg/m <sup>3</sup> STEL 10 mg/m <sup>3</sup>	TWA: 10 mg/m <sup>3</sup>	TWA: 10.0 mg/m <sup>3</sup>	-
Quartz (SiO <sub>2</sub> ) 14808-60-7	TWA: 0.1 mg/m <sup>3</sup>	TWA: 0.15 mg/m <sup>3</sup>	TWA: 0.1 mg/m <sup>3</sup>	TWA: 0.1 mg/m <sup>3</sup>	TWA: 0.1 mg/m <sup>3</sup>
Calcium dihydroxide 1305-62-0	-	TWA: 1 mg/m <sup>3</sup> STEL 4 mg/m <sup>3</sup>	TWA: 1 mg/m <sup>3</sup> STEL: 4 mg/m <sup>3</sup>	STEL: 4 mg/m <sup>3</sup> TWA: 1 mg/m <sup>3</sup>	TWA: 1 mg/m <sup>3</sup> STEL: 4 mg/m <sup>3</sup>
Chemical name	Cyprus	Czech Republic	Denmark	Estonia	Finland
Quartz (SiO <sub>2</sub> ) 14808-60-7	-	TWA: 0.1 mg/m <sup>3</sup>	TWA: 0.3 mg/m <sup>3</sup> TWA: 0.1 mg/m <sup>3</sup>	TWA: 0.1 mg/m <sup>3</sup>	TWA: 0.05 mg/m <sup>3</sup>
Calcium dihydroxide 1305-62-0	STEL: 4 mg/m <sup>3</sup> TWA: 1 mg/m <sup>3</sup>	TWA: 1 mg/m <sup>3</sup> Ceiling: 4 mg/m <sup>3</sup>	TWA: 1 mg/m <sup>3</sup> TWA: 5 mg/m <sup>3</sup>	TWA: 1 mg/m <sup>3</sup> STEL: 4 mg/m <sup>3</sup>	TWA: 1 mg/m <sup>3</sup> STEL: 4 mg/m <sup>3</sup>
Chemical name	France	Germany	Germany MAK	Greece	Hungary
Calcium sulfate hemihydrate 10034-76-1	TWA: 10 mg/m <sup>3</sup>	TWA: 6 mg/m <sup>3</sup>	TWA: 1.5 mg/m <sup>3</sup> TWA: 4 mg/m <sup>3</sup>	-	TWA: 4 mg/m <sup>3</sup> TWA: 1.5 mg/m <sup>3</sup>
Quartz (SiO <sub>2</sub> )	TWA: 0.1 mg/m <sup>3</sup>	-	-	TWA: 0.1 mg/m <sup>3</sup>	TWA: 0.1 mg/m <sup>3</sup>

14808-60-7					
Calcium dihydroxide 1305-62-0	TWA: 5 mg/m <sup>3</sup>	TWA: 1 mg/m <sup>3</sup>	TWA: 1 mg/m <sup>3</sup> Peak: 2 mg/m <sup>3</sup>	TWA: 1 mg/m <sup>3</sup> STEL: 4 mg/m <sup>3</sup>	TWA: 1 mg/m <sup>3</sup> STEL: 4 mg/m <sup>3</sup>
(+)-tartaric acid 87-69-4	-	TWA: 2 mg/m <sup>3</sup>	TWA: 2 mg/m <sup>3</sup> Peak: 4 mg/m <sup>3</sup>	-	-
<b>Chemical name</b>	<b>Ireland</b>	<b>Italy</b>	<b>Italy REL</b>	<b>Latvia</b>	<b>Lithuania</b>
Calcium sulfate hemihydrate 10034-76-1	TWA: 10 mg/m <sup>3</sup> STEL: 30 mg/m <sup>3</sup>	-	TWA: 10 mg/m <sup>3</sup>	TWA: 4 mg/m <sup>3</sup>	-
Quartz (SiO <sub>2</sub> ) 14808-60-7	TWA: 0.1 mg/m <sup>3</sup> STEL: 0.3 mg/m <sup>3</sup> (Silica, crystalline, respirable dust) TWA: 6 mg/m <sup>3</sup> TWA: 2.4 mg/m <sup>3</sup> (Silica, amorphous)	-	TWA: 0.025 mg/m <sup>3</sup>	TWA: 0.1 mg/m <sup>3</sup>	TWA: 0.1 mg/m <sup>3</sup>
Calcium dihydroxide 1305-62-0	TWA: 1 mg/m <sup>3</sup> STEL: 4 mg/m <sup>3</sup>	TWA: 1 mg/m <sup>3</sup>	TWA: 5 mg/m <sup>3</sup>	TWA: 1 mg/m <sup>3</sup> STEL: 4 mg/m <sup>3</sup>	*
<b>Chemical name</b>	<b>Luxembourg</b>	<b>Malta</b>	<b>Netherlands</b>	<b>Norway</b>	<b>Poland</b>
Calcium sulfate hemihydrate 10034-76-1	-	-	-	-	TWA: 10 mg/m <sup>3</sup>
Quartz (SiO <sub>2</sub> ) 14808-60-7	-	-	TWA: 0.075 mg/m <sup>3</sup>	TWA: 0.3 mg/m <sup>3</sup> TWA: 0.1 mg/m <sup>3</sup> STEL: 0.9 mg/m <sup>3</sup> STEL: 0.3 mg/m <sup>3</sup>	TWA: 0.1 mg/m <sup>3</sup>
Calcium dihydroxide 1305-62-0	TWA: 1 mg/m <sup>3</sup>	STEL: 4 mg/m <sup>3</sup> TWA: 1 mg/m <sup>3</sup>	TWA: 1 mg/m <sup>3</sup> STEL: 4 mg/m <sup>3</sup>	TWA: 1 mg/m <sup>3</sup> STEL: 3 mg/m <sup>3</sup>	STEL: 4 mg/m <sup>3</sup> STEL: 6 mg/m <sup>3</sup> TWA: 2 mg/m <sup>3</sup> TWA: 1 mg/m <sup>3</sup>
<b>Chemical name</b>	<b>Portugal</b>	<b>Romania</b>	<b>Slovakia</b>	<b>Slovenia</b>	<b>Spain</b>
Calcium sulfate hemihydrate 10034-76-1	TWA: 10 mg/m <sup>3</sup>	-	TWA: 4 mg/m <sup>3</sup> TWA: 1.5 mg/m <sup>3</sup>	TWA: 6 mg/m <sup>3</sup>	TWA: 10 mg/m <sup>3</sup>
Quartz (SiO <sub>2</sub> ) 14808-60-7	TWA: 0.025 mg/m <sup>3</sup>	TWA: 0.1 mg/m <sup>3</sup>	TWA: 0.1 mg/m <sup>3</sup> STEL: 0.5 mg/m <sup>3</sup>	-	TWA: 0.05 mg/m <sup>3</sup>
Calcium dihydroxide 1305-62-0	TWA: 1 mg/m <sup>3</sup> STEL: 4 mg/m <sup>3</sup>	TWA: 1 mg/m <sup>3</sup> STEL: 4 mg/m <sup>3</sup>	TWA: 5 mg/m <sup>3</sup>	TWA: 1 mg/m <sup>3</sup> STEL: STEL mg/m <sup>3</sup>	TWA: 1 mg/m <sup>3</sup> STEL: 4 mg/m <sup>3</sup>
(+)-tartaric acid 87-69-4	-	-	-	TWA: 2 mg/m <sup>3</sup> STEL: STEL mg/m <sup>3</sup>	-
<b>Chemical name</b>	<b>Sweden</b>		<b>Switzerland</b>	<b>United Kingdom</b>	
Calcium sulfate hemihydrate 10034-76-1	-		TWA: 3 mg/m <sup>3</sup>	-	
Quartz (SiO <sub>2</sub> ) 14808-60-7	NGV: 0.1 mg/m <sup>3</sup>		TWA: 0.15 mg/m <sup>3</sup>	TWA: 0.1 mg/m <sup>3</sup> (Silica, respirable crystalline) TWA: 6 mg/m <sup>3</sup> TWA: 2.4 mg/m <sup>3</sup> (Silica, amorphous)	
Calcium dihydroxide 1305-62-0	NGV: 1 mg/m <sup>3</sup> Bindande KGV: 4 mg/m <sup>3</sup>		TWA: 1 mg/m <sup>3</sup> STEL: 4 mg/m <sup>3</sup>	TWA: 1 mg/m <sup>3</sup> TWA: 5 mg/m <sup>3</sup> STEL: 4 mg/m <sup>3</sup> STEL: 15 mg/m <sup>3</sup>	
(+)-tartaric acid 87-69-4	-		TWA: 2 mg/m <sup>3</sup> STEL: 4 mg/m <sup>3</sup>	-	

**Biological occupational exposure limits**

Chemical name	European Union	Austria	Bulgaria	Croatia	Czech Republic
Quartz (SiO <sub>2</sub> ) 14808-60-7	-	( - )	-	-	-

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

**Calcium dihydroxide (1305-62-0)**

Type	Exposure route	Derived No Effect Level (DNEL)	Safety factor
Worker, Long term, Local health effects	Inhalation	1 mg/m <sup>3</sup>	-
Worker, Short term, Local health effects	Inhalation	4 mg/m <sup>3</sup>	-
General Population Long term, Local health effects	Inhalation	1 mg/m <sup>3</sup>	-
General Population, Short term, Local health effects	Inhalation	4 mg/m <sup>3</sup>	-

**(+)-tartaric acid (87-69-4)**

Type	Exposure route	Derived No Effect Level (DNEL)	Safety factor
Worker, Long term, Systemic health effects	Inhalation	5.2 mg/m <sup>3</sup>	-
Worker, Long term, Systemic health effects	Dermal	2.9 mg/kg bw/d	-
General Population, Long term, Systemic health effects	Inhalation	1.3 mg/m <sup>3</sup>	-
General Population, Long term, Systemic health effects	Dermal	1.5 mg/kg bw/d	-
General Population, Long term, Systemic health effects	Oral	8.1 mg/kg bw/d	-

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

**Calcium dihydroxide (1305-62-0)**

Environmental compartment	Predicted No Effect Concentration (PNEC)
Freshwater	0.49 mg/l
Marine water	0.32 mg/l
Microorganisms in sewage treatment	3 mg/l
Soil	1080 mg/kg

**(+)-tartaric acid (87-69-4)**

Environmental compartment	Predicted No Effect Concentration (PNEC)
Freshwater	0.312 mg/l
Marine water	0.312 mg/l
Microorganisms in sewage treatment	10 mg/l
Freshwater sediment	1.141 mg/kg
Marine sediment	1.141 mg/kg
Soil	0.045 mg/kg

**8.2. Exposure controls**

**Engineering controls**

As this product contains ingredients with exposure limits, process enclosures, local exhaust ventilation or other engineering controls should be used to keep worker exposure below any statutory or recommended limits, if use generates dust, fumes, gas, vapour or mist. Provide extract ventilation at the points where emissions occur. Ensure the ventilation system is regularly maintained and tested.

**Personal protective equipment**

**Eye/face protection**

Eye protection must conform to standard EN 166.

**Hand protection**

Gloves must conform to standard EN 374. 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.

<b>Skin and body protection</b>	No special protective equipment required.
<b>Respiratory protection</b>	In case of insufficient ventilation, wear suitable respiratory equipment. Disposable filtering half mask respirators should comply with European Standard EN149 or EN405.
<b>General hygiene considerations</b>	Handle in accordance with good industrial hygiene and safety practice.
<b>Environmental exposure controls</b>	Avoid creating dust. Prevent product from entering drains.

## SECTION 9: Physical and chemical properties

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

<b>Physical state</b>	Solid
<b>Appearance</b>	Powder
<b>Colour</b>	Pink/Grey or White
<b>Odour</b>	Characteristic
<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	None known
<b>Initial boiling point and boiling range</b>	No data available	None known
<b>Flammability</b>	No data available	None known
<b>Flammability Limit in Air</b>		None known
<b>Upper flammability or explosive limits</b>	No data available	
<b>Lower flammability or explosive limits</b>	No data available	
<b>Flash point</b>	No data available	None known
<b>Autoignition temperature</b>	No data available	None known
<b>Decomposition temperature</b>		None known
<b>pH</b>	No data available	None known
<b>pH (as aqueous solution)</b>	No data available	No information available
<b>Kinematic viscosity</b>	No data available	None known
<b>Dynamic viscosity</b>	No data available	None known
<b>Water solubility</b>	Slightly soluble	None known
<b>Solubility(ies)</b>	No data available	None known
<b>Partition coefficient</b>	No data available	None known
<b>Vapour pressure</b>	No data available	None known
<b>Relative density</b>	No data available	None known
<b>Bulk density</b>	No data available	
<b>Liquid Density</b>	No data available	
<b>Vapour density</b>	No data available	None known
<b>Particle characteristics</b>		
<b>Particle Size</b>	No information available	
<b>Particle Size Distribution</b>	No information available	

### 9.2. Other information

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

Not applicable

#### 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** Dust formation.

### **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**

**Inhalation** Specific test data for the substance or mixture is not available.

**Eye contact** Plaster may form an alkaline solution on contact with body moisture or when mixed with water. May cause irritation. Prolonged contact with moist or wet product may cause burns.

**Skin contact** Plaster may form an alkaline solution on contact with body moisture or when mixed with water. May cause irritation. Prolonged contact with moist or wet product may cause burns.

**Ingestion** Specific test data for the substance or mixture is not available.

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

**Symptoms** Product dust may be irritating to eyes, skin and respiratory system. May cause discomfort if swallowed.

#### **Numerical measures of toxicity**

Based on available data, the classification criteria are not met



**Component Information**

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Calcium sulfate hemihydrate	> 2000 mg/kg ( Rat )	-	> 3.26 mg/l
Calcium dihydroxide	> 2000 mg/kg ( Rat )	> 2500 mg/kg ( Rabbit )	> 6.04 mg/L ( Rat ) 4h

**Delayed and immediate effects as well as chronic effects from short and long-term exposure****Skin corrosion/irritation** No information available.

Component Information	
Calcium sulfate hemihydrate (10034-76-1)	
Method	OECD Test No. 404: Acute Dermal Irritation/Corrosion
Exposure route	Dermal
Effective dose	0.5 g
Exposure time	4 hours
Results	non-irritant

Calcium dihydroxide (1305-62-0)	
Method	OECD Test No. 404: Acute Dermal Irritation/Corrosion
Exposure route	Dermal
Effective dose	0.5 g
Exposure time	4 hours
Results	Irritant

**Serious eye damage/eye irritation** No information available.

Component Information	
Calcium sulfate hemihydrate (10034-76-1)	
Method	OECD Test No. 405: Acute Eye Irritation/Corrosion
Exposure route	Eye
Effective dose	0.1 g
Results	non-irritant

Calcium dihydroxide (1305-62-0)	
Method	OECD Test No. 405: Acute Eye Irritation/Corrosion
Exposure route	Eye
Effective dose	0.1 g
Exposure time	1 hour
Results	Eye Damage

**Respiratory or skin sensitisation** No information available.

Component Information	
Calcium sulfate hemihydrate (10034-76-1)	
Method	OECD Test No. 406: Skin Sensitisation
Exposure route	Dermal
Results	Not a skin sensitiser

**Germ cell mutagenicity** No information available.

Component Information	
Calcium sulfate hemihydrate (10034-76-1)	
Method	OECD Test No. 471: Bacterial Reverse Mutation Test
Species	in vitro

Results	Not mutagenic
Method	OECD Test No. 474: Mammalian Erythrocyte Micronucleus Test
Species	in vivo
Results	Not mutagenic

**Carcinogenicity** No information available.

**Reproductive toxicity** No information available.

**STOT - single exposure** No information available.

**STOT - repeated exposure** No information available.

**Aspiration hazard** No information available.

## 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. .

**Unknown aquatic toxicity** Contains 0 % of components with unknown hazards to the aquatic environment.

Component Information	
Calcium sulfate hemihydrate (10034-76-1)	
Results	Not toxic at limit of water solubility

Chemical name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Calcium dihydroxide	EC50: = 184.57 mg/L (72h, Pseudokirchneriella subcapitata)	LC50: = 50.6 mg/L (96h, Oncorhynchus mykiss)	-	EC50: = 49.1 mg/L (48h, Daphnia magna)
(+)-tartaric acid	-	LC50: >100mg/L (96h, Danio rerio)	-	-

### 12.2. Persistence and degradability

**Persistence and degradability** The methods for determining biodegradability are not applicable to inorganic substances.

Component Information			
Calcium sulfate hemihydrate (10034-76-1)			
Method	Exposure time	Value	Results
-	-	-	Substance is inorganic. Not relevant

**12.3. Bioaccumulative potential**

**Bioaccumulation** Not likely to bioaccumulate.

**12.4. Mobility in soil**

**Mobility in soil** No information available.

**Mobility** Slightly soluble.

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

**PBT and vPvB assessment** The product does not contain any substance(s) classified as PBT or vPvB. .

Chemical name	PBT and vPvB assessment
Calcium sulfate hemihydrate	The substance is not PBT / vPvB
Calcium dihydroxide	The substance is not PBT / vPvB
(+)-tartaric acid	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.

**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.

**Contaminated packaging** Do not reuse empty containers.

**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****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  
     Marine pollutant Not applicable  
 14.6 Special Precautions for Users  
     Special Provisions None  
 14.7 Maritime transport in bulk according to IMO instruments No information available

**RID**

14.1 UN 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 Users	
Special Provisions	None

**ADR**

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 Users	
Special Provisions	None

**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 Users	
Special Provisions	None
Note:	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	Title
Quartz (SiO <sub>2</sub> ) 14808-60-7	RG 25	-

Chemical name	Netherlands - List of Carcinogens	Netherlands - List of Carcinogens	Netherlands - List of Reproductive Toxins
Quartz (SiO <sub>2</sub> )	Present	-	-

**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) 1005/2009** Not applicable

Chemical name	Plant protection products directive (91/414/EEC)
Quartz (SiO <sub>2</sub> ) - 14808-60-7	Plant protection agent
Calcium dihydroxide - 1305-62-0	Plant protection agent

**International Inventories**

<b>TSCA</b>	Contact supplier for inventory compliance status
<b>DSL/NDSL</b>	Contact supplier for inventory compliance status
<b>EINECS/ELINCS</b>	Contact supplier for inventory compliance status
<b>ENCS</b>	Contact supplier for inventory compliance status
<b>IECSC</b>	Contact supplier for inventory compliance status
<b>KECL</b>	Contact supplier for inventory compliance status
<b>PICCS</b>	Contact supplier for inventory compliance status
<b>AICS</b>	Contact supplier for inventory compliance status

**Legend:**

<b>TSCA</b>	- United States Toxic Substances Control Act Section 8(b) Inventory
<b>DSL/NDSL</b>	- Canadian Domestic Substances List/Non-Domestic Substances List
<b>EINECS/ELINCS</b>	- European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
<b>ENCS</b>	- Japan Existing and New Chemical Substances
<b>IECSC</b>	- China Inventory of Existing Chemical Substances
<b>KECL</b>	- Korean Existing and Evaluated Chemical Substances
<b>PICCS</b>	- Philippines Inventory of Chemicals and Chemical Substances
<b>AICS</b>	- Australian Inventory of Chemical Substances

**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****Legend**

SVHC: Substances of Very High Concern for Authorisation:

PBT	Persistent, Bioaccumulative, and Toxic (PBT) Chemicals
vPvB	Very Persistent and very Bioaccumulative (vPvB) Chemicals

**Legend Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

TWA	TWA (time-weighted average)	STEL	STEL (Short Term Exposure Limit)
Ceiling	Maximum limit value	*	Skin 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
Acute aquatic toxicity	Calculation method
Chronic aquatic toxicity	Calculation method
Aspiration hazard	Calculation method
Ozone	Calculation method

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

U.S. Environmental Protection Agency ChemView Database  
 European Food Safety Authority (EFSA)  
 EPA (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 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

#### Key literature references and sources for data

European Chemicals Agency  
<http://echa.europa.eu>

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This material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006

#### Disclaimer

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**End of Safety Data Sheet**