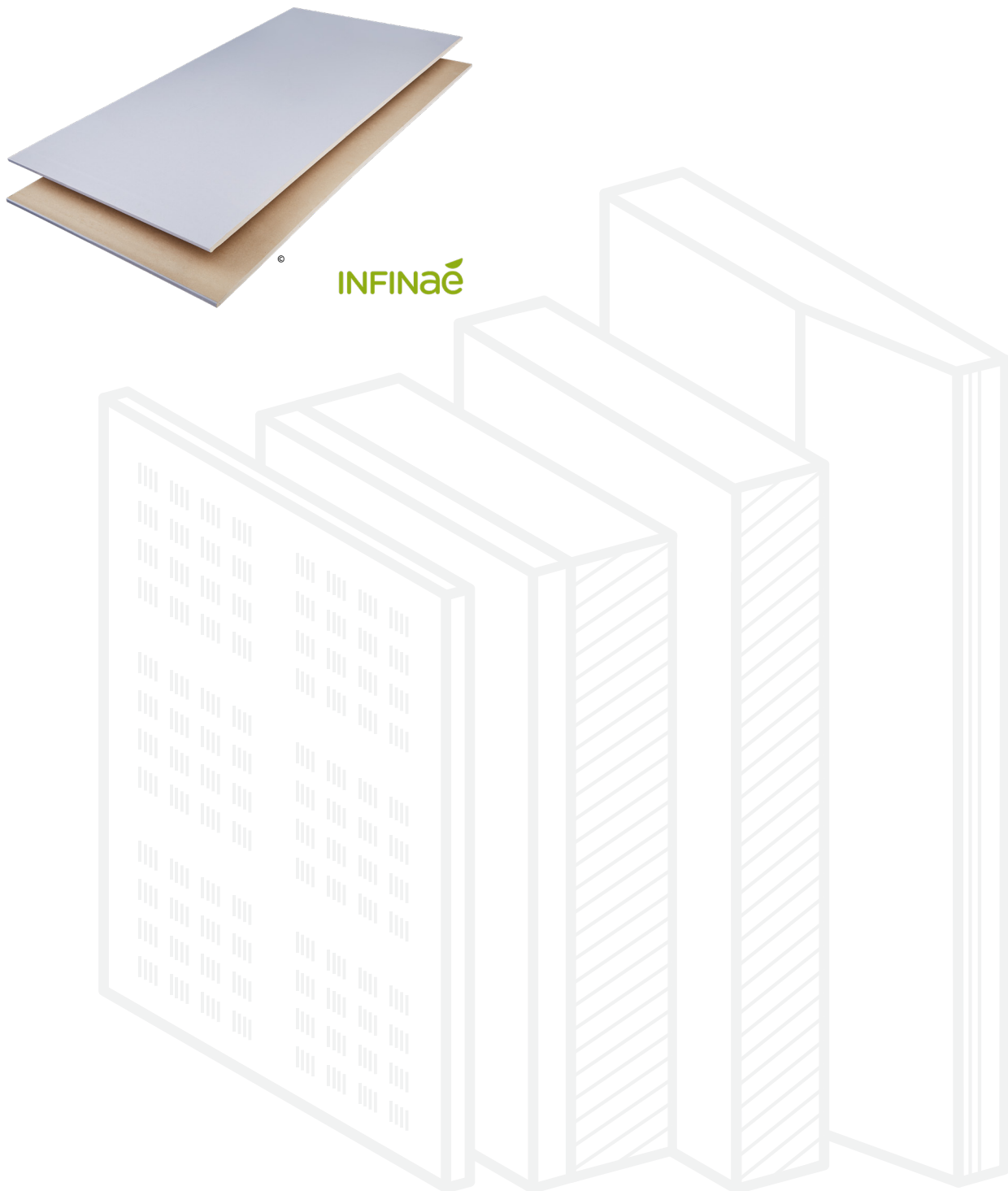


## Safety Data Sheet

Gyproc SoundBloc Infinalé 100 12.5 mm



This safety data sheet was created pursuant to the requirements of:  
The REACH etc. (Amendment etc.) (EU Exit) Regulations 2020 and The Chemicals (Health  
and Safety) and Genetically Modified Organisms (Contained Use) (Amendment etc.) (EU  
Exit) Regulations 2019 No. 720

Revision date 05-Feb-2025

Revision Number 1

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

### **1.1. Product identifier**

**Product Name** Gyproc SoundBloc INFINAE 100

**Synonyms** None

**Pure substance/mixture** Mixture

### **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**

British Gypsum  
East Leake  
Loughborough  
Leicestershire  
LE12 6HX  
UK  
T: +44 (0) 115 945 1000

#### **For further information, please contact**

**E-mail address** [bg.technical@saint-gobain.com](mailto:bg.technical@saint-gobain.com)

### **1.4. Emergency telephone number**

**Emergency telephone** + 44 (0) 115 945 6123  
8:30am - 5:00pm Monday - Friday (GMT)

## **SECTION 2: Hazards identification**

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

**GB CLP (SI 2020/1567 as amended)**

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

### **2.2. Label elements**

#### **Hazard statements**

Not classified.

**Additional information**

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

**2.3. Other hazards****Other hazards**

Cutting and handling may create dust. Dust may irritate the eyes and the respiratory system. Frequent inhalation of dust over a long period of time increases the risk of developing lung diseases. Sharp edges and corners may cause cuts and abrasions.

**PBT and vPvB assessment**

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

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

Not applicable

**3.2 Mixtures****Chemical nature**

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

Chemical name	Weight-%	EC No (EU Index No)	UK REACH registration number	Classification according to GB CLP (SI 2020/1567 as amended)	Specific concentration limit (SCL)	M-Factor	M-Factor (long-term)	Notes
Calcium sulfate dihydrate 7778-18-9	50 - 100%	231-900-3	-	[C]	-	-	-	-
Quartz (SiO <sub>2</sub> ) 14808-60-7	<1%	238-878-4	-	[C]	-	-	-	-
Glass fibre -	<1%	-	-	[C]	-	-	-	-

*Classification according to GB CLP (SI 2020/1567 as amended)*

[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**

In the absence of LD<sub>50</sub>/LC<sub>50</sub> data, the conversion value (converted acute toxicity point estimate) may be indicated here; please note that these values do not represent test results

Chemical name	Oral LD <sub>50</sub> mg/kg	Dermal LD <sub>50</sub> mg/kg	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 dihydrate 7778-18-9	1582.581	No data available	3.2633	No data available	No data available

This product does not contain candidate substances of very high concern at a concentration  $\geq 0.1\%$  (UK 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. Show this safety data sheet to the doctor in attendance.
<b>Inhalation</b>	Not an expected route of exposure in its current form. 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>	Brush off loose particles from skin. Wash skin with soap and water. Get medical attention if irritation develops and persists.
<b>Ingestion</b>	Not an expected route of exposure. 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.
<b>Self-protection of the first aider</b>	Avoid contact with skin, eyes or clothing. Do not breathe dust. Use personal protective equipment as required.

#### **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. Sharp edges and corners may cause cuts and abrasions.
<b>Effects of Exposure</b>	Frequent inhalation of dust over a long period of time increases the risk of developing lung diseases.

#### **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>	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>	Thermal decomposition can lead to release of irritating gases and 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.
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## 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 contact with eyes. Avoid breathing dust. Do not handle until all safety precautions have been read and understood. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Wash thoroughly after handling. Do not touch or walk through spilled material.
<b>For emergency responders</b>	Use personal protection recommended in Section 8.

### 6.2. Environmental precautions

<b>Environmental precautions</b>	The product is not expected to be hazardous to the environment. However, large or frequent spills may have hazardous effects on the environment. Collect spillage. Avoid release to the environment. Local authorities should be advised if significant spillages cannot be contained.
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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. Avoid generation of dust. Vacuum or sweep material and place in a disposal container. After cleaning, flush away traces with water. Wash thoroughly after handling. Dispose of wastes in an approved waste disposal facility.
<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>	Handle in accordance with good industrial hygiene and safety practice. Read carefully and follow all instructions. Do not handle until all safety precautions have been read and understood. Ensure adequate ventilation. 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. Keep container closed when not in use. Minimise dust generation and accumulation. Avoid breathing dust. Avoid contact with skin and eyes.
<b>General hygiene considerations</b>	Handle in accordance with good industrial hygiene and safety practice. 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

<b>Storage Conditions</b>	Store away from incompatible materials. 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 in a dry place.
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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.

**Risk Management Methods (RMM)** The information required is contained in this Safety Data Sheet.

**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	United Kingdom
Calcium sulfate dihydrate 7778-18-9	TWA: 10 mg/m <sup>3</sup> TWA: 4.0 mg/m <sup>3</sup>
Quartz (SiO <sub>2</sub> ) 14808-60-7	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)
Glass fibre -	TWA: 2 fibre/mL 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 7778-18-9			21.17 mg/m <sup>3</sup> [4] [6] 5082 mg/m <sup>3</sup> [4] [7]
Poly(oxy-1,2-ethanediyl), α-sulfo-ω-hydroxy-, C10-12-alkyl ethers, sodium salts 68610-66-2		2750 mg/kg bw/day [4] [6] 132 µg/cm <sup>2</sup> [5] [6]	175 mg/m <sup>3</sup> [4] [6]
Sulfuric acid, mono-C12-14-alkyl esters, sodium salts 85586-07-8		4060 mg/kg bw/day [4] [6]	285 mg/m <sup>3</sup> [4] [6]
1,2-Benzisothiazol-3(2H)-one 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 2682-20-4			0.021 mg/m <sup>3</sup> [5] [6] 0.043 mg/m <sup>3</sup> [5] [7]

[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 sulfate dihydrate 7778-18-9	1.52 mg/kg bw/day [4] [6] 11.4 mg/kg bw/day [4] [7]		5.29 mg/m <sup>3</sup> [4] [6] 3811 mg/m <sup>3</sup> [4] [7]
Poly(oxy-1,2-ethanediyl),	15 mg/kg bw/day [4] [6]	79 µg/cm <sup>2</sup> [5] [6]	52 mg/m <sup>3</sup> [4] [6]

Chemical name	Oral	Dermal	Inhalation
$\alpha$ -sulfo- $\omega$ -hydroxy-, C10-12-alkyl ethers, sodium salts 68610-66-2			
Sulfuric acid, mono-C12-14-alkyl esters, sodium salts 85586-07-8	24 mg/kg bw/day [4] [6]		85 mg/m <sup>3</sup> [4] [6]
1,2-Benzisothiazol-3(2H)-one 2634-33-5			1.2 mg/m <sup>3</sup> [4] [6]
2-Methyl-2H-isothiazol-3-one 2682-20-4	0.027 mg/kg bw/day [4] [6] 0.053 mg/kg bw/day [4] [7]		0.021 mg/m <sup>3</sup> [5] [6] 0.043 mg/m <sup>3</sup> [5] [7]

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

#### Predicted No Effect Concentration (PNEC)

Chemical name	Freshwater	Freshwater (intermittent release)	Marine water	Marine water (intermittent release)	Air
Poly(oxy-1,2-ethanediyl), $\alpha$ -sulfo- $\omega$ -hydroxy-, C10-12-alkyl ethers, sodium salts 68610-66-2	0.106 mg/L	0.071 mg/L	0.0106 mg/L		
Sulfuric acid, mono-C12-14-alkyl esters, sodium salts 85586-07-8	0.131 mg/L	0.036 mg/L	0.0131 mg/L		
1,2-Benzisothiazol-3(2H)-one 2634-33-5	4.03 $\mu$ g/L	1.1 $\mu$ g/L	0.403 $\mu$ g/L	110 ng/L	
2-Methyl-2H-isothiazol-3-one 2682-20-4	3.39 $\mu$ g/L	3.39 $\mu$ g/L	3.39 $\mu$ g/L	3.39 $\mu$ g/L	

Chemical name	Freshwater sediment	Marine sediment	Sewage treatment	Soil	Food chain
Calcium sulfate dihydrate 7778-18-9			100 mg/L		
Poly(oxy-1,2-ethanediyl), $\alpha$ -sulfo- $\omega$ -hydroxy-, C10-12-alkyl ethers, sodium salts 68610-66-2	0.429 mg/kg sediment dw	0.0429 mg/kg sediment dw	13.7 mg/L	7.5 mg/kg soil dw	
Sulfuric acid, mono-C12-14-alkyl esters, sodium salts 85586-07-8	4.61 mg/kg sediment dw	0.461 mg/kg sediment dw	1.35 mg/L	0.846 mg/kg soil dw	
1,2-Benzisothiazol-3(2H)-one 2634-33-5	49.9 $\mu$ g/kg sediment dw	4.99 $\mu$ g/kg sediment dw	1.03 mg/L	3 mg/kg soil dw	
2-Methyl-2H-isothiazol-3-one			0.23 mg/L	0.0471 mg/kg soil	

Chemical name	Freshwater sediment	Marine sediment	Sewage treatment	Soil	Food chain
ne 2682-20-4				dw	

**8.2. Exposure controls**

**Engineering controls** 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.

**Personal protective equipment**

**Eye/face protection** If there is a risk of contact: Tight sealing safety goggles. Eye protection must conform to standard EN 166.

**Hand protection** Repeated or prolonged contact: 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. During cutting, grinding or sanding operations, wear protective gloves if handling sharp or rough edges.

**Skin and body protection** No special protective equipment required.

**Respiratory protection** Harmful dust may be released during cutting or grinding process. In case of insufficient ventilation, wear suitable respiratory equipment. Respirator selection must be based on exposure levels, the hazards of the product and the safe working limits of the selected respirator. 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** Avoid creating dust. Prevent product from entering drains.

**SECTION 9: Physical and chemical properties**

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

**Appearance** Flat sheet boards in different lengths and thicknesses, with a tapered edge  
**Physical state** Solid  
**Colour** Blue, brown  
**Odour** Odourless  
**Odour threshold** No information available

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH		Suspension
pH (as aqueous solution)		No data available
Melting point / freezing point		No data available
Initial boiling point and boiling range		No data available
Flash point		No data available
Evaporation rate		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
Vapour pressure		No data available
Relative vapour density		No data available
Relative density		No data available

Bulk density	No data available
Liquid Density	No data available
Solubility(ies)	No data available
Water solubility	No data available
Partition coefficient	No data available
Autoignition temperature	No data available
Decomposition temperature	No data available
SADT (°C)	No data available
Kinematic viscosity	No data available
Dynamic viscosity	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

**Information with regards to physical hazard classes**

Explosives	
Explosive properties	No information available.
Oxidising properties	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. Extremes of temperature and direct sunlight. Protect from moisture.

**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 toxicological effects**

**Information on likely routes of exposure**

**Product Information**

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

**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. Prolonged contact may cause redness and irritation.

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

**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 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	Dermal
Effective dose	0.5 g

Glass fibre (-)

**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	0.1 g

Glass fibre (-)

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

Component Information	
Calcium sulfate dihydrate (7778-18-9)	
Species	Guinea pig

Exposure route	Dermal
Results	Not a skin sensitiser

## Glass fibre (-)

**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.

**Other adverse effects** No information available.

## SECTION 12: Ecological information

### 12.1. Toxicity

**Ecotoxicity** Based on available data, the classification criteria are not met. Not considered to be harmful to aquatic life.

Chemical name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Calcium sulfate dihydrate	-	LC50: =2980mg/L (96h, <i>Lepomis macrochirus</i> ) LC50: >1970mg/L (96h, <i>Pimephales promelas</i> )	-	-
Glass fibre	EC50: >1000 mg/L (3d, <i>Pseudokirchneriella subcapitata</i> )	LC50: >1000 mg/L (96h, <i>Danio rerio</i> )	-	EC50: >1000 mg/L (3d, <i>Daphnia magna</i> )

### 12.2. Persistence and degradability

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

Component Information			
Calcium sulfate dihydrate (7778-18-9)			
Exposure time	Method	Value	Results
-			

### 12.3. Bioaccumulative potential

**Bioaccumulation** There is no data for this product.

**12.4. Mobility in soil**

**Mobility in soil** No information available.  
**Mobility** Slightly soluble in water.

**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 dihydrate	Not PBT/vPvB

**12.6. Other adverse effects**

No information available.

**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.

**SECTION 14: Transport information**

**IATA** 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 hazards** Not applicable  
**14.6 Special precautions for user**  
**Special Provisions** None  
**Note:** None

**IMDG** 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 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** 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 hazards Not applicable

14.6 Special precautions for user  
Special Provisions None

ADR 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 hazards Not applicable

14.6 Special precautions for user  
Special Provisions None

## SECTION 15: Regulatory information

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

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

This product does not contain substances subject to authorisation (UK REACH - Annex XIV). This product does not contain substances subject to restriction (UK REACH - Annex XVII).

#### Persistent Organic Pollutants

Not applicable

#### Export Notification requirements

Not applicable

#### Named dangerous substances per COMAH (SI 2015/483 as amended)

Not applicable

#### The Ozone-Depleting Substances Regulations 2015

Not applicable

#### The Biocidal Products Regulations 2001 (as amended)

Not applicable

#### The Water Environment (Water Framework Directive) (England and Wales) Regulations 2017 (as amended)

Not applicable

#### Poisons and Explosive Precursors

Not applicable

#### International Inventories

Contact supplier for inventory compliance status

### 15.2. Chemical safety assessment

Chemical Safety Report No information available

## SECTION 16: Other information

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

#### Legend

ACGIH	American Conference of Governmental 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
DOT	Department of Transportation (United States)
DSL	Domestic Substances List (Canada)
EC Number	European Community number
EmS	Emergency Schedule
ENCS	Existing and New Chemical Substances (Japan)
EPA	Environmental Protection Agency
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)
MARPOL	International Convention for the Prevention of Pollution from Ships
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)

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)  
 National Institute of Technology and Evaluation (NITE)  
 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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**This SDS complies with the requirements of UK REACH Regulations SI 2019/758 (as amended)**

**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**

**Disclaimer**

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**End of Safety Data Sheet**