

# SAFETY DATA SHEET

according to Commission Regulation (EU) No 2015/830

## 7445000 SNOWCAL 10-ML Calcium Carbonate

Version	Revision Date:	SDS Number:	Date of last issue: 22.02.2019
1.3	03.08.2021	PR74450-00	Date of first issue: 13.03.2014
(CLP_GB)			

### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

##### Classification (REGULATION (EC) No 1272/2008)

Not a hazardous substance or mixture.

#### 2.2 Label elements

##### Labelling (REGULATION (EC) No 1272/2008)

Not a hazardous substance or mixture.

#### 2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

Ecological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

### SECTION 3: Composition/information on ingredients

#### 3.1 Substances

Substance name : Calcium carbonate (GCC) coarse powder

EC-No. : 215-279-6

##### Components

Chemical name	CAS-No. EC-No.	Concentration (% w/w)
Substances with a workplace exposure limit :		
Ground calcium carbonate (GCC)	1317-65-3 215-279-6	>= 90 - <= 100

### SECTION 4: First aid measures

#### 4.1 Description of first aid measures

If inhaled : Move to fresh air in case of accidental inhalation of dust or fumes from overheating or combustion.  
If symptoms persist, call a physician.

In case of skin contact : Take off contaminated clothing and shoes immediately.  
Wash off with soap and plenty of water.

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

#### 1.1 Product identifier

Trade name	:	SNOWCAL 10-ML
REACH Registration Number	:	Exempted in accordance Annex V.7
Substance name	:	Calcium carbonate (GCC) coarse powder
CAS-No.	:	1317-65-3
EC-No.	:	215-279-6

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

Use of the Substance/Mixture	:	Manufacture of paints, varnishes and similar coatings, printing ink and mastics Chemical-Technical Industry Manufacture of rubber products Manufacture of plastics products Manufacture of paper and paperboard Manufacture of soap and detergents, cleaning and polishing mixtures Building and construction work Filling Mixing Filler or Pigment Building and construction mixtures not covered elsewhere Water treatment chemical Feed industry
Recommended restrictions on use	:	For industrial use only. Other industries not mentioned are excluded.

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

Company	:	Elixir Garden Supplies Ltd Unit 1 Middlegate White Lund Industrial Estate UK LA3 3BN
Telephone	:	+44 1524 741229
E-mail address of person responsible for the SDS	:	info@elixirgardens.co.uk

#### 1.4 Emergency telephone number

Emergency telephone number	:	+44 1524 741229
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In case of eye contact	:	Flush eyes with water as a precaution. Remove contact lenses. Protect unharmed eye. Keep eye wide open while rinsing.
If swallowed	:	Clean mouth with water and drink afterwards plenty of water. Do not give milk or alcoholic beverages. Never give anything by mouth to an unconscious person.

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

None known.

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

No data available

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## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

Suitable extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.  
Not combustible.

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

Hazardous combustion products : No hazardous combustion products are known

### 5.3 Advice for firefighters

Special protective equipment for firefighters : In the event of fire, wear self-contained breathing apparatus.

Further information : Standard procedure for chemical fires.

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## SECTION 6: Accidental release measures

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

Personal precautions : Avoid dust formation.

### 6.2 Environmental precautions

Environmental precautions : No special environmental precautions required.

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

Methods for cleaning up : Sweep up and shovel.  
Keep in suitable, closed containers for disposal.

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### 6.4 Reference to other sections

Not applicable

## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

Advice on safe handling : For personal protection see section 8.  
No special handling advice required.

Advice on protection against fire and explosion : No special precautions required.

Hygiene measures : General industrial hygiene practice.

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

Requirements for storage areas and containers : Keep container tightly closed in a dry and well-ventilated place.

Advice on common storage : Do not store near acids.

Further information on storage stability : Keep in a dry place.  
No decomposition if stored and applied as directed.

### 7.3 Specific end use(s)

Specific use(s) : Animal nutritional and animal care products

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

#### Occupational Exposure Limits

Components	CAS-No.	Value type (Form of exposure)	Control parameters	Basis
Ground calcium carbonate (GCC)	1317-65-3	TWA (inhalable dust)	10 mg/m <sup>3</sup>	GB EH40
		TWA (Respirable dust)	4 mg/m <sup>3</sup>	GB EH40

### 8.2 Exposure controls

#### Personal protective equipment

Eye protection : Safety glasses

Hand protection

Remarks : For prolonged or repeated contact use protective gloves.

Skin and body protection : Protective suit

Respiratory protection : When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.  
Half mask with a particle filter P2 (EN 143)

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### SECTION 9: Physical and chemical properties

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

Appearance	:	powder
Physical state	:	solid (20 °C, 1.013 hPa)
Colour	:	white
Odour	:	characteristic
Odour Threshold	:	Not relevant
Melting point/range	:	> 800 °C (1.013 hPa) Decomposition: Decomposes below the melting point.
Boiling point/boiling range	:	Decomposition: Decomposes below the boiling point.
Flammability	:	The product is not flammable.  Will not burn
Upper explosion limit / Upper flammability limit	:	Upper flammability limit Not applicable
Lower explosion limit / Lower flammability limit	:	Lower flammability limit Not applicable
Flash point	:	does not flash
Auto-ignition temperature	:	Not applicable
Decomposition temperature	:	
Decomposition temperature	:	> 600 °C
pH	:	8,5 - 9,5 (20 °C) Concentration: 100 g/l Method: DIN-ISO 787/9
Solubility(ies)	:	
Water solubility	:	0,014 g/l (20 °C, 1.013 hPa)
Partition coefficient: n-octanol/water	:	Not applicable
Vapour pressure	:	Not applicable
Density	:	2,3 - 2,8 g/cm <sup>3</sup> (20 °C, 1.013 hPa) Method: DIN-ISO 787/10

#### 9.2 Other information

Explosives	:	Explosive Acc. EU Legislation: Not explosive Explosive Acc. Transp. Regul.: Not explosive
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Flammable solids  
Burning number : 1

Minimum ignition energy : > 1.000 mJ (20 °C, 1.013 hPa)

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### SECTION 10: Stability and reactivity

#### 10.1 Reactivity

Stable under recommended storage conditions.

#### 10.2 Chemical stability

No decomposition if stored and applied as directed.

#### 10.3 Possibility of hazardous reactions

Hazardous reactions : Stable under recommended storage conditions.  
No decomposition if used as directed.  
Reacts with acids. It forms carbon dioxide (CO<sub>2</sub>). This displaces the oxygen in the air in closed spaces. (danger of suffocation).

#### 10.4 Conditions to avoid

Conditions to avoid : No data available

#### 10.5 Incompatible materials

No data available

#### 10.6 Hazardous decomposition products

Carbon dioxide (CO<sub>2</sub>)

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### SECTION 11: Toxicological information

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

##### Acute toxicity

##### Product:

Acute oral toxicity : LD50 Oral (Rat): > 5.000 mg/kg

##### Components:

##### Ground calcium carbonate (GCC):

Acute oral toxicity : LD50 Oral (Rat): > 5.000 mg/kg

#### 11.2 Information on other hazards

##### Further information

##### Product:

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No data available

### SECTION 12: Ecological information

#### 12.1 Toxicity

##### **Product:**

Toxicity to fish	:	LC50 (Oncorhynchus mykiss (rainbow trout)): > 10.000 mg/l Exposure time: 96 h
Toxicity to daphnia and other aquatic invertebrates	:	EC50 (Daphnia magna (Water flea)): > 1.000 mg/l Exposure time: 48 h
Toxicity to algae/aquatic plants	:	NOEC (Desmodesmus subspicatus (green algae)): 75 mg/l Exposure time: 72 h  EC50 (Desmodesmus subspicatus (green algae)): 289 mg/l Exposure time: 72 h

##### **Components:**

##### **Ground calcium carbonate (GCC):**

Toxicity to fish	:	LC50 (Oncorhynchus mykiss (rainbow trout)): > 10.000 mg/l Exposure time: 96 h
Toxicity to daphnia and other aquatic invertebrates	:	EC50 (Daphnia magna (Water flea)): > 1.000 mg/l Exposure time: 48 h
Toxicity to algae/aquatic plants	:	EC50 (Desmodesmus subspicatus (green algae)): > 200 mg/l Exposure time: 72 h

#### 12.2 Persistence and degradability

##### **Product:**

Biodegradability	:	Not applicable
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#### 12.3 Bioaccumulative potential

##### **Components:**

##### **Ground calcium carbonate (GCC):**

Partition coefficient: n-octanol/water	:	Not applicable
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#### 12.4 Mobility in soil

No data available

#### 12.5 Results of PBT and vPvB assessment

##### **Product:**

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Assessment : This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

### **Components:**

#### **Ground calcium carbonate (GCC):**

Assessment : Non-classified PBT substance  
Non-classified vPvB substance

### 12.6 Endocrine disrupting properties

#### **Product:**

Assessment : The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

### 12.7 Other adverse effects

#### **Product:**

Additional ecological information : In solid state these minerals are a major part of the rocks of the earth's surface.  
They are dissolved in a natural state and indispensable part of the natural waters.  
These minerals are not biodegradable.  
Negative effects on the environment should therefore be excluded.  
Restrictions may indicate that concentrated suspensions with these minerals in natural waters may have an unfavorable effect on water organisms (disturbance of the micro flora and - fauna in the sediment and subsequent detriment to the existence of higher water organisms).

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## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

Product : Offer surplus and non-recyclable solutions to a licensed disposal company.

Contaminated packaging : Empty remaining contents.  
Empty containers should be taken to an approved waste handling site for recycling or disposal.



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### SECTION 14: Transport information

#### 14.1 UN number or ID number

Not regulated as a dangerous good

#### 14.2 UN proper shipping name

Not regulated as a dangerous good

#### 14.3 Transport hazard class(es)

Not regulated as a dangerous good

#### 14.4 Packing group

Not regulated as a dangerous good

#### 14.5 Environmental hazards

Not regulated as a dangerous good

#### 14.6 Special precautions for user

Not applicable

#### 14.7 Maritime transport in bulk according to IMO instruments

Not applicable for product as supplied.

### SECTION 15: Regulatory information

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

REACH - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, preparations and articles (Annex XVII)	: Not applicable
REACH - Candidate List of Substances of Very High Concern for Authorisation (Article 59).	: Not applicable
REACH - List of substances subject to authorisation (Annex XIV)	: Not applicable
Regulation (EC) No 1005/2009 on substances that deplete the ozone layer	: Not applicable
Regulation (EU) 2019/1021 on persistent organic pollutants (recast)	: Not applicable
Regulation (EC) No 649/2012 of the European Parliament and the Council concerning the export and import of dangerous chemicals	: Not applicable

Seveso II - Directive 2003/105/EC amending Council Directive 96/82/EC on the control of major-accident hazards involving dangerous substances	Not applicable
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Seveso III: Directive 2012/18/EU of the European Parliament and of the Council on the control of major-accident hazards involving dangerous substances.	Not applicable
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Volatile organic compounds : Directive 2010/75/EU of 24 November 2010 on industrial emissions (integrated pollution prevention and control)  
Not applicable

### 15.2 Chemical safety assessment

Chemical Safety assessment is not required

## SECTION 16: Other information

### Full text of other abbreviations

GB EH40 : UK. EH40 WEL - Workplace Exposure Limits  
GB EH40 / TWA : Long-term exposure limit (8-hour TWA reference period)

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - European Agreement concerning the International Carriage of Dangerous Goods by Road; AIIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body weight; CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECHA - European Chemicals Agency; EC-Number - European Community number; ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; 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; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea 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; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RID - Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; SVHC - Substance of Very High Concern; TCSI - Taiwan Chemical Substance Inventory; TRGS - Technical Rule for Hazardous Substances; TSCA - Toxic Substances Control Act (United States); UN - United Nations; vPvB - Very Persistent and Very Bioaccumulative

### Further information

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