

**SAFETY DATA SHEET****7440500 SNOWCAL 70-ML**

Version	Revision Date:	SDS Number:	Date of last issue: 23.01.2019
1.2	17.04.2023	PR74405-00	Date of first issue: 01.02.2016
(CLP_GB)			

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**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1 Product identifier**

Trade name	:	SNOWCAL 70-ML
Substance name	:	Calcium carbonate (GCC) fine powder

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

Use of the Sub- stance/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
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	:	Omya UK Ltd - Melton Office Melton Bottom HU14 3HU Melton, North Ferriby
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E-mail address of person responsible for the SDS	:	sds.europe@omya.com
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**1.4 Emergency telephone number**

Emergency telephone number	:	Chemtrec +44 20 3807 3798
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**SECTION 2: Hazards identification****2.1 Classification of the substance or mixture**

**Classification (REGULATION (EC) No 1272/2008) as amended by GB-CLP Regulation, UK SI 2019/720, and UK SI 2020/1567)**

Not a hazardous substance or mixture.

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**2.2 Label elements**

**Labelling (REGULATION (EC) No 1272/2008) as amended by GB-CLP Regulation, UK SI 2019/720, and UK SI 2020/1567)**

No hazard pictogram, no signal word, no hazard statement(s), no precautionary statement(s) required

**Additional Labelling**

EUH210 Safety data sheet available on request.

**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.

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

Substance name : Calcium carbonate (GCC) fine powder

**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.
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.

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**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

**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.

**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.

**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 : No special precautions required.

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fire and explosion

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)

No data available

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

#### Occupational Exposure Limits

dust of any kind 10 mg/m<sup>3</sup>  
Value type (Form of exposure): TWA (Inhalable)  
Basis: GB EH40

4 mg/m<sup>3</sup>  
Value type (Form of exposure): TWA (Respirable fraction)  
Basis: GB EH40

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/face protection : Safety glasses  
Hand protection

Remarks : For prolonged or repeated contact use protective gloves.  
Skin and body protection : Protective suit  
Respiratory protection : Use respiratory protection unless adequate local exhaust ventilation is provided or exposure assessment demonstrates that exposures are within recommended exposure guidelines.  
Equipment should conform to EN 143  
Filter type : Particulates type (P)

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**SECTION 9: Physical and chemical properties****9.1 Information on basic physical and chemical properties**

Appearance	: powder
Colour	: white
Odour	: characteristic
Odour Threshold	: Not relevant
pH	: 8,5 - 9,5 (20 °C) Concentration: 100 g/l Method: DIN-ISO 787/9
Melting point/range	: > 800 °C (1.013 hPa) Decomposition: Decomposes below the melting point.
Boiling point/boiling range	: Decomposition: Decomposes below the boiling point.
Flash point	: does not flash
Flammability (solid, gas)	: The product is not flammable.  Will not burn
Burning number	: 1
Upper explosion limit / Upper flammability limit	: Upper flammability limit Not applicable
Lower explosion limit / Lower flammability limit	: Lower flammability limit 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
Solubility(ies) Water solubility	: 0,014 g/l (20 °C, 1.013 hPa)
Partition coefficient: n-octanol/water	: Not applicable
Auto-ignition temperature	: Not applicable
Decomposition temperature	: > 600 °C
Explosive properties	: Not explosive

**9.2 Other information**

Minimum ignition energy	: Not applicable
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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 toxicological effects****Acute toxicity**

Not classified based on available information.

**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

**Skin corrosion/irritation**

Not classified based on available information.

**Serious eye damage/eye irritation**

Not classified based on available information.

**Skin sensitisation**

Not classified based on available information.

**Respiratory sensitisation**

Not classified based on available information.

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**Germ cell mutagenicity**

Not classified based on available information.

**Carcinogenicity**

Not classified based on available information.

**Reproductive toxicity**

Not classified based on available information.

**STOT - single exposure**

Not classified based on available information.

**STOT - repeated exposure**

Not classified based on available information.

**Aspiration toxicity**

Not classified based on available information.

**Further information****Product:**

Remarks : 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 hToxicity to daphnia and other : EC50 (Daphnia magna (Water flea)): > 1.000 mg/l  
aquatic invertebrates Exposure time: 48 hToxicity to algae/aquatic : NOEC (Desmodesmus subspicatus (green algae)): 75 mg/l  
plants Exposure time: 72 hEC50 (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 hToxicity to daphnia and other : EC50 (Daphnia magna (Water flea)): > 1.000 mg/l  
aquatic invertebrates Exposure time: 48 hToxicity to algae/aquatic : EC50 (Desmodesmus subspicatus (green algae)): > 200 mg/l  
plants Exposure time: 72 h

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**12.2 Persistence and degradability****Product:**

Biodegradability : Remarks: Not applicable

**12.3 Bioaccumulative potential****Components:****Ground calcium carbonate (GCC):**

Partition coefficient: n-octanol/water : Remarks: Not applicable

**12.4 Mobility in soil**

No data available

**12.5 Results of PBT and vPvB assessment****Product:**

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 Other adverse effects****Product:**

Endocrine disrupting potential : 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.

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.<br>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**

- |      |   |                                   |
|------|---|-----------------------------------|
| ADR  | : | Not regulated as a dangerous good |
| RID  | : | Not regulated as a dangerous good |
| IMDG | : | Not regulated as a dangerous good |
| IATA | : | Not regulated as a dangerous good |

**14.2 UN proper shipping name**

- |      |   |                                   |
|------|---|-----------------------------------|
| ADR  | : | Not regulated as a dangerous good |
| RID  | : | Not regulated as a dangerous good |
| IMDG | : | Not regulated as a dangerous good |
| IATA | : | Not regulated as a dangerous good |

**14.3 Transport hazard class(es)**

- |      |   |                                   |
|------|---|-----------------------------------|
| ADR  | : | Not regulated as a dangerous good |
| RID  | : | Not regulated as a dangerous good |
| IMDG | : | Not regulated as a dangerous good |
| IATA | : | Not regulated as a dangerous good |

**14.4 Packing group**

- |                  |   |                                   |
|------------------|---|-----------------------------------|
| ADR              | : | Not regulated as a dangerous good |
| RID              | : | Not regulated as a dangerous good |
| IMDG             | : | Not regulated as a dangerous good |
| IATA (Cargo)     | : | Not regulated as a dangerous good |
| IATA (Passenger) | : | Not regulated as a dangerous good |

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#### 14.5 Environmental hazards

Not regulated as a dangerous good

#### 14.6 Special precautions for user

Not applicable

#### 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable for product as supplied.

## SECTION 15: Regulatory information

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

UK REACH List of substances subject to authorisation (Annex XIV)	:	Not applicable
UK REACH Candidate list of substances of very high concern (SVHC) for Authorisation	:	Not applicable
The Persistent Organic Pollutants Regulations (retained Regulation (EU) 2019/1021 as amended for Great Britain)	:	Not applicable
UK REACH List of restrictions (Annex 17)	:	Not applicable
GB Export and import of hazardous chemicals - Prior Informed Consent (PIC) Regulation	:	Not applicable
Control of Major Accident Hazards Regulations 2015 (COMAH)	:	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 - Agreement concerning the International Carriage of Dangerous Goods by Road; AIIC - 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

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- 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; TECI - Thailand Existing Chemicals Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative

**Further information**

Other information : This safety datasheet only contains information relating to safety and does not replace any product information or product specification.

Sources of key data used to compile the Safety Data Sheet : Information taken from reference works and the literature.

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

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