

SAFETY DATA SHEET

according to Commission Regulation (EU) No 453/2010

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

1.1 Product identifier

Product name Whiting
Product Number P3346
Chemical Name & Formula Calcium Carbonate CaCO_3

REACH Registration Number: : Exempt in accordance with Annex V.7

CAS-No. : 1317-65-3

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

Use of the Substance/Mixture
Constituent in the manufacture of Ceramic Glazes and Ceramic Bodies

1.3 Details of the supplier of the safety data sheet

Supplier PotteryCrafts Ltd
Campbell Road
Stoke.
Stoke-on-Trent.
ST4 4ET.

Telephone 44(O)782 745000
sales@potteryCrafts.co.uk

1.4 Emergency telephone number

Emergency telephone: +44(O)1782 745000 Office Hours 08:30-16:30 Mon-Friday

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No 1272/2008)
Not a hazardous substance or mixture.
Classification (67/548/EEC, 1999/45/EC)

2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008)
Not a hazardous substance or mixture.

Additional Labelling:

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.

No information available.

SECTION 3: Composition/information on ingredients

3.1 Substances

Substance name : Calcium Carbonate GCC coarse powder

Hazardous components

Calcium Carbonate		>= 85-< 100%
CAS No. 1317-65-3	EC No. 215-279-6	
Classification		
Not Classified		

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.

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.
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5.2 Special hazards arising from the substance or mixture

Hazardous combustion products	: No hazardous combustion products are known
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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.
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6.2 Environmental precautions

Environmental precautions	: No special environmental precautions required.
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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	: Avoid dust formation. Provide appropriate exhaust ventilation at places where dust is formed.
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.
Storage class (TRGS 510)	: 13, Non Combustible Solids
Other data	: 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

Components	CAS-No	Value type (Form of exposure)	Control parameters	Basis
Natural Calcium Carbonate.	1317-65-3	TWA (inhalable dust)	10 mg/m ³	GB EH40

8.2 Exposure controls

Personal protective equipment



Appropriate engineering Controls

Eye/face protection

Hand protection

Hygiene measures

Respiratory protection

Provide adequate general and local exhaust ventilation. Observe any occupational exposure limits for the product or ingredients.

Wear tight-fitting, dust-resistant, chemical splash goggles if airborne dust is generated.

Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible.

Wash hands at the end of each work shift and before eating, smoking and using the toilet.

If ventilation is inadequate, suitable respiratory protection must be worn.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance	: powder, granular
Colour	: white
Odour	: characteristic
pH	: 8,5 - 9,5, Concentration: 100 g/l (20 °C) Method: DIN-ISO 787/9
Melting point/range	: > 800 °C (1.013 hPa) Decomposition : Decomposes below the melting point.

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Boiling point/boiling range: Decomposition: Decomposes below the boiling point.

Campbell Road - Stoke on Trent, ST4 4ET - United Kingdom Tel: +44 (0)1782 745000 - - Web: www.potterycrafts.co.uk ;

Flash point : does not flash

Flammability (solid, gas): The product is not flammable.

Density : 2,6 - 2,8 g/cm³ (20 °C, 1.013 hPa)
Method: DIN-ISO 787/10

Solubility(ies)
)Water solubility: 0,014 g/l (20 °C, 1.013 hPa)
0,018 g/l (75 °C, 1.013 hPa)

Decomposition temperature : > 600 °C

Explosive properties : Explosive Acc. EU Legislation : Not explosive
Explosive Acc. Transp. Regul : Not explosive

9.2 Other information
no data available

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 (CO₂). 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

SECTION 11: Toxicological information

11.1 Information on toxicological effects

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

Components:
Natural Calcium Carbonate.:
Acute oral toxicity : LD50 Oral (Rat): > 5.000 mg/kg

Skin corrosion/irritation
Product:
According to the classification criteria of the European Union, the product is not considered as being a skin irritant.

Serious eye damage/eye irritation
Product:
According to the classification criteria of the European Union, the product is not considered as being an eye irritant.

Product:

no data available

Further information**Product:**

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	: EC50 (Desmodesmus subspicatus (green algae)): > 200 mg/l Exposure time: 72 h

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12.2 Persistence and degradability**Product:**

Biodegradability	: Not applicable
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12.3 Bioaccumulative potential**Components:****Natural Calcium Carbonate.:**

Partition coefficient: 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:**

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.
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Components:**Natural Calcium Carbonate.:**

Assessment	: Non-classified PBT substance Non-classified vPvB substance
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12.6 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 be indicated that concentrated suspensions these minerals in natural waters may have an unfavourable 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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Components:

Natural Calcium Carbonate.:

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.

SECTION 14: Transport information

General The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

14.1 UN number

14.2 UN proper shipping name

14.3 Transport hazard class(es)

14.4 Packing group

14.5 Environmental hazards

14.6 Special precautions for user

Not applicable

14.7 Transport in bulk according to Annex II of MARPOL 73/78 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

Regulation (EC) No 649/2012 of the European Parliament and the Council concerning the export and import of dangerous chemicals : Not applicable

REACH - Candidate List of Substances of Very High Concern for Authorisation (Article 59). : Not applicable

Regulation (EC) No 1005/2009 on substances that deplete the ozone layer : Not applicable

Regulation (EC) No 850/2004 on persistent organic pollutants : Not applicable

Seveso II - Directive 2003/105/EC amending Council Directive 96/82/EC on the control of major-accident hazards involving dangerous substances

Water contaminating class (Germany)

Not applicable
: nwg. Not water endangering
Code Number 317
Remarks : VwVwS

15.2 Chemical Safety Assessment

SECTION 16: Other information**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.
Revision Date.	26/09/2025
Revision	4
Supersedes Date	07/09/2015
SDS Number	16

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