



SAFETY DATA SHEET

According to Regulation (EC) No 1907/2006, Annex II, as amended by Regulation (EU) 830/2015

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

1.1. Product identifier

Product Name	Chalk Powder
Product Inclusion	This product covers all colour variants of chalk powder.
Container Size	Variable

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

Identified Uses	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
Uses advised against	Filler or Pigment, Building and construction mixtures not covered elsewhere. For industrial use only.

1.3. Details of the supplier of the safety data sheet

Supplier	Meon Ltd. Railside Northarbour Spur Portsmouth PO6 3TU +44 (0) 23 9220 0606 mail@meonuk.com
----------	---

1.4. Emergency Telephone Number

Emergency telephone	+44 (0) 808 118 1922
---------------------	----------------------

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Classification, Labeling & Packaging Regulation (EC) 1272/2008, (CLP)

Not a hazardous substance or mixture.

Classification (67/548/EEC, 1999/45/EC)

Not a hazardous substance or mixture.

2.2. Label Elements

Labelling according to Regulation (EC) No. 1272/2008, (CLP)

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.

610104 / 610106 - Chalk Powder

SECTION 3: Composition/information on ingredients

3.1 Substances

Ingredient	Cas-No:	Statement
Calcium carbonate (GCC) fine powder	215-279-6	No hazardous ingredients

No hazardous ingredients.

SECTION 4: First aid measures

Show this safety data sheet to the doctor in attendance.

4.1. Description of first aid measures

General notes

In case of inhalation: 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.

In case of ingestion: 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.

5.2. Special hazards arising from the substance or mixture

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.

Other information Standard procedure for chemical fires.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Avoid dust formation.

6.2. Environmental precautions

No special environmental precautions required.

610104 / 610106 - Chalk Powder

6.3. Methods and material for containment and 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 on 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.

Other data

Keep in a dry place
No decomposition if stored and applied as directed.

7.3. Specific end uses

Nothing to report.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Components	CAS-No	Value	Control Parameters	Basis
Calcium carbonate (GCC)	1317-65-3	TWA (Inhalable dust)	10mg/m ³	GB EH40
		TWA (Respirable dust)	4mg/m ³	GB EH40

8.2. Exposure controls

Personal protective equipment

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).

Hand protection

For prolonged or repeated contact use protective gloves.

Eye protection

Safety glasses

Skin and body protection

Protective suit

Hygiene measures

General industrial hygiene practice.

610104 / 610106 - Chalk Powder

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Boiling Point °C:	Not applicable
Melting Point:	> 800 °C at 1.013 hPa
Specific gravity:	2,6 - 2,8 g/cm ³ at 20°C (1.013 hPa) Method: DIN-ISO 787/10
pH	8.5 – 9.5 (20 °C) Concentration: 100 g/l
Vapor pressure (mm Hg):	Method: DIN-ISO 787/9
Appearance and Odor:	Coloured powder, characteristic odour.
Percent Volatile by Volume (%):	Not applicable
Evaporation Rate:	Not applicable
Flash point	This product does not flash
Flamability	This product is not flammable
Vapor Density (Air = 1):	Not applicable
Solubility in Water:	0,014 g/l (20 °C, 1.013)
Burning Number	1 (does not burn)
pH	8,5 - 9,5 (20 °C) Concentration: 100 g/l Method: DIN-ISO 787/9
Melting Point	> 800 °C at 1.013 hPa
Density	2,3 - 2,8 g/cm ³ (20 °C, 1.013 hPa) Method: DIN-ISO 787/10
Decomposition temperature	>600 °C
Explosive properties	Explosive Acc. EU Legislation: Not explosive Explosive Acc. Transport Regulations : Not explosive

9.2. Other information

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

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

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

No data available.

10.5. Incompatible materials

No data available.

610104 / 610106 - Chalk Powder

10.6. Hazardous decomposition products

Hazardous decomposition products: Carbon dioxide (CO₂)

SECTION 11: Toxicological information

Acute toxicity

Acute oral toxicity: LD50 Oral: > 5.000 mg/kg
Species: rat

Skin corrosion/irritation

According to the classification criteria of the European Union, the product is not considered as being a skin irritant.

Serious eye damage/eye irritation

According to the classification criteria of the European Union, the product is not considered as being an eye irritant.

Respiratory or skin sensitisation

No data available

Further information

No data available.

SECTION 12: Ecological information

12.1. Toxicity

Toxicity to fish: LC50: > 10.000 mg/l
Exposure time: 96 h
Species: *Oncorhynchus mykiss* (rainbow trout)

Toxicity to daphnia and other aquatic invertebrates:

EC50: > 1.000 mg/l
Exposure time: 48 h
Species: *Daphnia magna* (Water flea)

Toxicity to algae/aquatic plants:

Exposure time: 72 h
Species: *Desmodesmus subspicatus* (green algae)
EC50: > 289 mg/l

Exposure time: 72 h
Species: *Desmodesmus subspicatus* (green algae)
NOEC 75 mg/l

12.2. Persistence and degradability

Not applicable.

12.3. Bioaccumulative potential

Data not available.

12.4. Mobility in soil

Data not available.

12.5. Results of PBT and vPvB 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.

12.6. Other adverse effects

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 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).

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

Not classified as dangerous in the meaning of transport regulations.

SECTION 15: Regulatory information

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

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
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
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

15.2 Chemical safety assessment

No information is available.

SECTION 16: Other information

Further information

GB EH40: UK. EH40 WEL - Workplace Exposure Limits

GB EH40: TWA Long-term exposure limit (8-hour TWA reference period)

List of Wastes Acronym & Abbreviation Key:

BMGV Biological Monitoring Guidance Values are given in Table 2 of EH40/2005 Workplace exposure limits.

Sk Can be absorbed through the skin. Dermal absorption may lead to systemic toxicity.

CLP Classification, Labelling & Packaging Regulation

EC European Commission

EU European Union

US United States

CAS Chemical Abstract Service

EINECS European Inventory of Existing Chemical Substances

REACH Registration, Evaluation, Authorization of Chemicals Regulation

GHS Globally Harmonized System of Classification and Labeling of Chemicals

LTEL Long term exposure limit

STEL Short term exposure limit

OEL Occupational exposure limit

ppm Parts per million

mg/m³ Milligrams per cubic meter

TLV Threshold Limit Value

ACGIH American Conference of Governmental Industrial Hygienists

OSHA Occupational Safety & Health Administration

PEL Permissible Exposure Limits

VOC Volatile organic compounds

g/l Grams per liter

mg/kg Milligrams per kilogram

N/A Not applicable

LD50 Lethal dose at 50%

LC50 Lethal concentration at 50%

EC50 Half maximal effective concentration

IC50 Half maximal inhibitory concentration

PBT Persistent bioaccumulative toxic chemical

vPvB Very persistent and very bioaccumulative

EEC European Economic Community

ADR International Transport of Dangerous Goods by Road

RID International Transport of Dangerous Goods by Rail

UN United Nations

IMDG International Maritime Dangerous Goods Code

IATA International Air Transport Association

MARPOL International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978

IBC International Bulk Container

Disclaimer

This 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. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.