Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

Issue date: 12/12/2022 Version: 1.0

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

1.1. Product identifier

Product form : Mixture

Product name : BARTOLINE WALL TILE GROUT

Product code : 4612
Product group : End product

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

1.2.1. Relevant identified uses

Use of the substance/mixture : Wall tile grout powder

1.2.2. Uses advised against

Restrictions on use : Not to be used for making casts of body parts, during setting the product may heat up

causing skin burns.

1.3. Details of the supplier of the safety data sheet

Manufacturer

Bartoline Limited Ltd
Barmston Close
HU17 0LW Beverley
United Kingdom
T 01482 678710 - F 01482 872606
infor@bartoline.co.uk - www.bartoline.co.uk

EU Address

Bartoline Ireland Limited Unit 3D North Point House North Point Business Park New Mallow Road Cork T23 AT2P Ireland +353212066441 info@bartoline.eu

1.4. Emergency telephone number

Emergency number : 01482 678710

8.30am - 4.45pm Monday to Friday

NHS 111 - General Public (24 Hour service)

Country	Organisation/Company	Address	Emergency number	Comment
Ireland	National Poisons Information Centre Beaumont Hospital	PO Box 1297 Beaumont Road 9 Dublin	+353 1 809 2566 (Healthcare professionals- 24/7) +353 1 809 2166 (public, 8am - 10pm, 7/7)	

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Skin corrosion/irritation, Category 2

Serious eye damage/eye irritation, Category 1

H318

Skin sensitisation, Category 1

H317

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Specific target organ toxicity - Single exposure, Category 3, Respiratory

tract irritation

Full text of H- and EUH-statements: see section 16

Adverse physicochemical, human health and environmental effects

No additional information available

2.2. Label elements

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

Hazard pictograms (CLP)



GHS05

GHS07

Signal word (CLP) : Danger

Contains : Portland Cement Clinker, Flue Dust

Hazard statements (CLP) : H315 - Causes skin irritation.

> H317 - May cause an allergic skin reaction. H318 - Causes serious eye damage. H335 - May cause respiratory irritation.

H335

: P264 - Wash hands, forearms and face thoroughly after handling. Precautionary statements (CLP)

P271 - Use only outdoors or in a well-ventilated area.

P280 - Wear protective clothing, eye protection, face protection, protective gloves.

P302+P352 - IF ON SKIN: Wash with plenty of water.

P101 - If medical advice is needed, have product container or label at hand.

P102 - Keep out of reach of children.

P260 - Do not breathe dust.

2.3. Other hazards

Contains no PBT/vPvB substances ≥ 0.1% assessed in accordance with REACH Annex XIII

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Dolomite (Substance with a workplace exposure limit) substance with a Community workplace exposure limit	CAS-No.: 16389-88-1 EC-No.: 240-440-2	≥ 50 – < 80	Not classified
Portland Cement Clinker substance with national workplace exposure limit(s) (GB)	CAS-No.: 65997-15-1 EC-No.: 266-043-4	≥ 25 - < 50	Skin Irrit. 2, H315 Eye Dam. 1, H318 Skin Sens. 1B, H317 STOT SE 3, H335
Flue Dust	CAS-No.: 68475-76-3	≥1-<5	Skin Irrit. 2, H315 Eye Dam. 1, H318 Skin Sens. 1, H317 STOT SE 3, H335

Full text of H- and EUH-statements: see section 16

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SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general : Call a poison center or a doctor if you feel unwell. First aid workers should avoid contact

with wet mixtures containing cements.

First-aid measures after inhalation : Remove victim to uncontaminated area. Call a physician if symptoms occur. Call a

physician if irritation persists.

First-aid measures after skin contact : Brush off loose particles from skin. Wash immediately with plenty of soap and water. Take

off immediately all contaminated clothing and wash it before reuse. Seek medical attention if

irritation develops. Seek medical attention if burns develop.

First-aid measures after eye contact : Do not rub eye. Remove any contact lenses and open eyelids wide apart. Immediately flush

eyes thoroughly with water for at least 15 minutes. Protect uninjured eye. Get medical

advice/attention.

First-aid measures after ingestion : If swallowed, rinse mouth with water (only if the person is conscious). If the person is fully

conscious, make him/her drink water. Never give an unconscious person anything to drink.

Get immediate medical advice/attention.

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

Symptoms/effects : The severity of the symptoms described will vary dependent on the concentration and the

length of exposure.

Symptoms/effects after inhalation : Repeated or prolonged inhalation of dust may lead to chronic respiratory irritation.

Symptoms/effects after skin contact : May cause irritation to skin. Prolonged or repeated contact with the skin may cause dermatitis. Repeated exposure may cause skin dryness or cracking. Repeated or prolonged or

dermatitis. Repeated exposure may cause skin dryness or cracking. Repeated or prolonged skin contact may cause irritation progressing to a burn. May cause severe burns.

Symptoms/effects after eye contact : Causes eyes to water. Redness, pain. Blurred vision. Possible risk of irreversible effects.

Symptoms/effects after ingestion : May cause stomach cramps and vomiting. Rednesses. Sore throat.

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

SPEED IS ESSENTIAL, BURNS MAY NOT BE APPARENT IMMEDIATELY.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : The product is non-combustible. Use extinguishing agent suitable for surrounding fire.

Unsuitable extinguishing media : None known.

5.2. Special hazards arising from the substance or mixture

Fire hazard : None known.

Explosion hazard : No direct explosion hazard.

Reactivity in case of fire : None known. Hazardous decomposition products in case of fire : None known.

5.3. Advice for firefighters

Precautionary measures fire : No specific measures identified. Firefighting instructions : No specific measures identified.

Protection during firefighting : Wear fire/flame resistant/retardant clothing. In confined space use self-contained breathing

apparatus. Full face piece respirator.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Protective equipment : In case of inadequate ventilation wear respiratory protection.

Emergency procedures : Do not touch or walk on the spilled product. Do NOT enter (storage areas, confined spaces)

unless adequately ventilated.

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Measures in case of dust release : Avoid inhalation of dust and contact with skin and eyes. Keep unnecessary and unprotected

personnel away from the spillage.

6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. Wear recommended

personal protective equipment. For further information refer to section 8: "Exposure

controls/personal protection".

Emergency procedures : For further information refer to section 8: "Exposure controls/personal protection". More

detailed information: See section 11. For disposal of residues refer to section 13: Disposal

considerations" ".

6.2. Environmental precautions

Do not allow to enter drains or water courses. Spillages or uncontrolled discharges into watercourses must be reported immediately to the Environmental Agency or other appropriate regulatory body.

6.3. Methods and material for containment and cleaning up

For containment : Avoid dust formation. Avoid dust to spread.

Methods for cleaning up : Sweep up or vacuum up the product. Shovel or sweep up and put in a closed container for

disposal. Use of a vacuum with high efficiency particulate air (HEPA) filtration is

recommended.

Other information : Dispose of materials or solid residues at an authorized site.

6.4. Reference to other sections

For further information refer to section 8: "Exposure controls/personal protection". For further information refer to section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Avoid inhalation of dust and contact with skin and eyes. In order to avoid inhalation of dust,

all sanding must be done wearing adequate respirator.

Hygiene measures : Do not eat, drink or smoke when using this product. After contact with skin, wash

immediately and thoroughly with water and soap. Take off immediately all contaminated clothing and wash it before reuse. Wash hands and other exposed areas with mild soap and

water before eating, drinking or smoking and when leaving work.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : No special storage required.

 $\begin{tabular}{ll} Incompatible products & : None known. \\ Storage temperature & : 5-25 \, ^{\circ}C \end{tabular}$

7.3. Specific end use(s)

Section 1.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1 National occupational exposure and biological limit values

Portland Cement Clinker (65997-15-1)	
United Kingdom - Occupational Exposure Limits	
Local name	Portland cement
WEL TWA (OEL TWA) [1]	10 mg/m³ inhalable dust 4 mg/m³ respirable dust
Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE

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Dolomite (Substance with a workplace exposure limit) (16389-88-1)	
EU - Indicative Occupational Exposure Limit (IOEL)	
IOEL TWA	10 mg/m³
IOEL STEL	4 mg/m³

8.1.2. Recommended monitoring procedures

No additional information available

8.1.3. Air contaminants formed

No additional information available

8.1.4. DNEL and PNEC

No additional information available

8.1.5. Control banding

No additional information available

8.2. Exposure controls

8.2.1. Appropriate engineering controls

Appropriate engineering controls:

Ensure adequate ventilation, especially in confined areas. Provide adequate ventilation to minimize dust concentrations. Mechanical ventilation is recommended.

8.2.2. Personal protection equipment

Personal protective equipment:

Do not attempt to take action without suitable protective equipment. Appropriate engineering controls.

Personal protective equipment symbol(s):







8.2.2.1. Eye and face protection

Eye protection:

Chemical goggles or safety glasses

Eye protection			
Туре	Field of application	Characteristics	Standard
Use eye protection according to EN 166, designed to protect against powders and dusts.	Dust	Dust-tight	EN 166

8.2.2.2. Skin protection

Skin and body protection:

Not required for normal conditions of use

Hand protection:

If repeated and/or prolonged skin exposure to the substance is likely, then wear suitable gloves tested to EN374 and provide employee skin care programmes. Gloves

Other skin protection

Materials for protective clothing:

Not required for normal conditions of use

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8.2.2.3. Respiratory protection

Respiratory protection:

Where excessive dust may result, use approved respiratory protection equipment. In order to avoid inhalation of dust, all sanding must be done wearing adequate respirator. Dust production: dust mask with filter type P1. P2. P3

8.2.2.4. Thermal hazards

Thermal hazard protection:

Not applicable.

8.2.3. Environmental exposure controls

Environmental exposure controls:

Assure that emissions are compliant with all applicable air pollution control regulations. Do not exceed the occupational exposure limits (OEL). Do not allow into drains or water courses.

Other information:

Always wash hands after handling the product.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Solid
Colour : Grey. white.
Appearance : Powder.
Odour : Not available
Odour threshold : Not applicable.

Melting point : > 1250 °C Portland Cement

Freezing point : Not available Boiling point : Not applicable. : Not available Flammability Explosive properties : Not explosive. Oxidising properties : Not oxidising. **Explosive limits** : Not applicable : Not applicable Lower explosion limit Upper explosion limit Not applicable Flash point Not applicable.

Auto-ignition temperature : Not applicable. (no pyrophoricity – no organo-metallic, organo-metalloid or organo-

phosphine bindings or of their derivatives, and no other pyrophoric constituent in the

composition)

Decomposition temperature : Not applicable.

pH : 11.5 – 12.5 Mix ratio 280g powder to 90g water.

pH solution : Not available Viscosity, kinematic : Not applicable

Viscosity, dynamic : 3400 – 3900 cP Lamy MS-R4. Mix ratio: 280g powder to 90g water.

Solubility Not available Partition coefficient n-octanol/water (Log Kow) Not available Vapour pressure : Not applicable. Vapour pressure at 50 °C : Not available Density : Not available Relative density : Not available Relative vapour density at 20 °C : Not applicable. Particle size : Not available Particle size distribution : Not available Particle shape : Not available Particle aspect ratio : Not available Particle aggregation state : Not available Particle agglomeration state : Not available Particle specific surface area : Not available Particle dustiness : Not available

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9.2. Other information

9.2.1. Information with regard to physical hazard classes

No additional information available

9.2.2. Other safety characteristics

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability

Stable at ambient temperature and under normal conditions of use.

10.3. Possibility of hazardous reactions

None known.

10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

10.5. Incompatible materials

Acids. ammonium salts. Aluminium.

10.6. Hazardous decomposition products

No hazardous decomposition products known.

SECTION 11: Toxicological information

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

Acute toxicity (oral) : Not classified
Acute toxicity (dermal) : Not classified
Acute toxicity (inhalation) : Not classified

Dolomite (Substance with a workplace exposure limit) (16389-88-1)	
LD50 oral rat	≈ 5001 mg/kg
LD50 dermal	≈ 2000.01 mg/kg
LC50 Inhalation - Rat (Dust/Mist)	≈ 5.01 mg/l/4h
Chin correction/invitation	

Skin corrosion/irritation : Causes skin irritation.

pH: 11.5 – 12.5 Mix ratio 280g powder to 90g water.

Serious eye damage/irritation : Causes serious eye damage.

pH: 11.5 – 12.5 Mix ratio 280g powder to 90g water.

Respiratory or skin sensitisation : May cause an allergic skin reaction.

Germ cell mutagenicity : Not classified Carcinogenicity : Not classified Reproductive toxicity : Not classified

STOT-single exposure : May cause respiratory irritation.

STOT-single exposure May cause respiratory irritation.

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STOT-single exposure May cause respiratory irritation.

: Not classified STOT-repeated exposure Aspiration hazard : Not classified

11.2. Information on other hazards

No additional information available

SECTION 12: Ecological information

12.1. Toxicity

Hazardous to the aquatic environment, short-term : Not classified

(acute)

Hazardous to the aquatic environment, long-term : Not classified

(chronic)

Not rapidly degradable

12.2. Persistence and degradability

No additional information available

12.3. Bioaccumulative potential

No additional information available

12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Endocrine disrupting properties

No additional information available

12.7. Other adverse effects

No additional information available

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SECTION 13: Disposal considerations

13.1. Waste treatment methods

HP Code

- : HP3 "Flammable:"
 - flammable liquid waste: liquid waste having a flash point below 60 °C or waste gas oil, diesel and light heating oils having a flash point > 55 °C and ≤ 75 °C;
 - flammable pyrophoric liquid and solid waste: solid or liquid waste which, even in small quantities, is liable to ignite within five minutes after coming into contact with air;
 - flammable solid waste: solid waste which is readily combustible or may cause or contribute to fire through friction;
 - flammable gaseous waste: gaseous waste which is flammable in air at 20 °C and a standard pressure of 101.3 kPa;
 - water reactive waste: waste which, in contact with water, emits flammable gases in dangerous quantities;
 - other flammable waste: flammable aerosols, flammable self-heating waste, flammable organic peroxides and flammable self-reactive waste.
 - HP5 "Specific Target Organ Toxicity (STOT)/Aspiration Toxicity:" waste which can cause specific target organ toxicity either from a single or repeated exposure, or which cause acute toxic effects following aspiration.
 - HP4 "Irritant skin irritation and eye damage:" waste which on application can cause skin irritation or damage to the eye.

HP13 - "Sensitising:" waste which contains one or more substances known to cause sensitising effects to the skin or the respiratory organs.

SECTION 14: Transport information

In accordance with ADR / IMDG / IATA / ADN / RID

ADR	IMDG	IATA	ADN	RID
14.1. UN number or ID number				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.2. UN proper shippin	g name			
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.3. Transport hazard class(es)				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.4. Packing group				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.5. Environmental hazards				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
No supplementary information available				

14.6. Special precautions for user

Overland transport

Not applicable

Transport by sea

Not applicable

Air transport

Not applicable

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Inland waterway transport

Not applicable

Rail transport

Not applicable

14.7. Maritime transport in bulk according to IMO instruments

Not applicable

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

REACH Annex XVII (Restriction List)

Contains no substance(s) listed on REACH Annex XVII (Restriction Conditions)

REACH Annex XIV (Authorisation List)

Contains no substance(s) listed on REACH Annex XIV (Authorisation List)

REACH Candidate List (SVHC)

Contains no substance(s) listed on the REACH Candidate List

PIC Regulation (Prior Informed Consent)

Contains no substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals)

POP Regulation (Persistent Organic Pollutants)

Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 on persistent organic pollutants)

Ozone Regulation (1005/2009)

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 1005/2009 on substances that deplete the ozone layer)

Explosives Precursors Regulation (2019/1148)

Contains no substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors)

Drug Precursors Regulation (273/2004)

Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances)

15.1.2. National regulations

Germany

Water hazard class (WGK)

Storage class (LGK, TRGS 510)

Joint storage table

: WGK 3, Highly hazardous to water (Classification according to AwSV, Annex 1).

: LGK 13 - Non-combustible solids.

:	LGK 1	LGK 2A	LGK 2B	LGK 3	LGK 4.1A
	LGK 4.1B	LGK 4.2	LGK 4.3	LGK 5.1A	LGK 5.1B
	LGK 5.1C	LGK 5.2	LGK 6.1A	LGK 6.1B	LGK 6.1C
	LGK 6.1D	LGK 6.2	LGK 7	LGK 8A	LGK 8B
	LGK 10	LGK 11	LGK 12	LGK 13	LGK 10-13

Joint storage not permitted for

Joint storage with restrictions permitted for

Hazardous Incident Ordinance (12. BlmSchV)

Joint storage permitted for

: LGK 1, LGK 6.2, LGK 7.

: LGK 4.1A, LGK 5.1C.

: LGK 2A, LGK 2B, LGK 3, LGK 4.1B, LGK 4.2, LGK 4.3, LGK 5.1A, LGK 5.1B, LGK 5.2, LGK 6.1A, LGK 6.1B, LGK 6.1C, LGK 6.1D, LGK 8A, LGK 8B, LGK 10, LGK 11, LGK 12, LGK 13, LGK 10-13.

: Is not subject of the Hazardous Incident Ordinance (12. BImSchV)

Netherlands

ABM category

: A(4) - low hazard for aquatic organisms, may have longterm hazardous effects in aquatic environment

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SZW-lijst van kankerverwekkende stoffen

: Portland Cement Clinker is listed SZW-lijst van mutagene stoffen : Portland Cement Clinker is listed SZW-lijst van reprotoxische stoffen - Borstvoeding : None of the components are listed SZW-lijst van reprotoxische stoffen -: None of the components are listed

Vruchtbaarheid

SZW-lijst van reprotoxische stoffen - Ontwikkeling : None of the components are listed

Danish National Regulations : Young people below the age of 18 years are not allowed to use the product

Switzerland

Storage class (LK) : LK 11/13 - Solids

15.2. Chemical safety assessment

No additional information available

SECTION 16: Other information

Indication of changes:

Due to change of classification database the revision numbering has been reset. You should therefore look at the revision date rather than the revision number

to ensure you have the most up to date version.

Full text of H- and EUH-statements:	
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H335	May cause respiratory irritation.
Skin Irrit. 2	Skin corrosion/irritation, Category 2
Skin Sens. 1	Skin sensitisation, Category 1
Skin Sens. 1B	Skin sensitisation, category 1B
STOT SE 3	Specific target organ toxicity – Single exposure, Category 3, Respiratory tract irritation

The classification complies with : ATP 12

Safety Data Sheet (SDS), EU

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.

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