

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

1.1 Product identifier:

Name: **WILDSTONE grout - beige, WILDSTONE grout - grey**

Identification number: -

Registration no.: -

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

Intended use: grout for artificial and natural stone tiles

Uses advised against: Do not use for purposes other than those mentioned in the safety data sheet.

1.3 Details of the supplier of the safety data sheet:

Manufacturer: PREMIX servis, spol. s r.o.

Place of business or registered office: Praha 6, Vostrovská 783/53, 160 00 / Libiš, Mělnická 110/1, 277 11 Neratovice

ID: 649 46 096

Tel.: +420 315 686 563 / 315 688 264

Qualified person: Ing. Vladimír Kneissl

1.4 Emergency telephone number

Toxikologické informační středisko (Toxicological Information Centre),
 Na Bojišti 1, Praha (non-stop) + 420 224 919 293
 + 420 224 915 402

Information only for health risks - acute poisoning of humans and animals.

SECTION 2: Hazard identification

Overall classification of the mixture: **The mixture is classified as hazardous.**



Hazardous health effects: The mixture has classified dangerous health effects. Hazardous environmental effects: The mixture does not have classified dangerous environmental effects. Hazardous physical and chemical effects: The mixture does not have a classified physical and chemical effects.

2.1 Classification of the mixture

Classification (1272/2008/EC):	Classification	H-phrases
	STOT SE 3	H335
	Skin. Irrit. 2	H315
	Eye Dam. 1	H318
	Skin. Sens. 1	H317

The full text of the classification abbreviations and the relevant H-phrases is given in Section 16.

2.2 Label elements

It contains: Hazard pictogram according to Regulation (EC) No. 1272/2008: Signal word: Hazard statements: Additional hazard information:	Portland cement, calcium hydroxide   DANGER H315 Causes skin irritation. H317 May cause an allergic skin reaction. H318 Causes serious eye damage. H335 May cause respiratory irritation. not required
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Precautions for safe handling:	P102	Keep out of the reach of children.
	P261	Avoid breathing dust.
	P280	Wear protective gloves/protective clothing/eye protection/face shield.
	P305+P351+P338	FOLLOWING EYE CONTACT: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
	P302+P352 P304+P340	FOLLOWING SKIN CONTACT: Rinse with plenty of water and soap. FOLLOWING INHALATION: Remove person to fresh air and keep comfortable for breathing.
	P501	Dispose of contents/container as hazardous waste in accordance with local regulations.

Other hazards

2.3

The mixture may cause sensitization by skin contact, see Section 11.1.d) of the Safety Data Sheet.

Content of PBT and vPvB substances: the mixture is not subject to the criteria for PBT or vPvB substances in accordance with Annex XIII of EU Regulation No. 1907/2006, none of the ingredients $\geq 0.1\%$ is listed in the Candidate List of substances of very high concern (SVHC).

SECTION 3: Composition/information on ingredients

3.1 Substances

Not applicable, the product is a mixture of several substances.

3.2

Name	Concentration/concentration range in %	Index number CAS number EC number Registration no.	Classification according to Regulation (EC) No. 1272/2008
Portland cement	≤ 20	---	Eye Irrit. 2 H319
		65997-15-1	STOT SE 3 H335
		266-043-4	Skin. Irrit. 2 H315
		---	Skin. Sens. 1 H317 EUH 208
Calcium hydroxide	≤ 6	---	STOT SE 3 H335
		1305-62-0	Skin. Irrit. 2 H315
		215-137-3	Eye Dam 1 H318

3.3 Further information on the ingredients

The mixture may contain ingredients that are not classified as hazardous, or they do not reach the minimum concentration of hazardous substances in the mixture according to Annex 1 of Act No. No 350/2011 Coll.

Name	Concentration/concentration range in %	Index number CAS number EC number Registration no.	Classification according to Regulation (EC) No. 1272/2008
ground limestone	≤ 50	--- 1317-65-3 215-279-6 <i>REACH registration not required**</i>	the substance is not classified as hazardous

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silica/quartz sand	≤50	--- 014808-60-7 238-878-4 <i>REACH registration not required**</i>	the substance is not classified as hazardous
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Exemption from registration obligation in accordance with Article 2 (7)(b): 7. Chemically unchanged natural substances - mineralsSECTION 4: First aid measures****4.1 Description of first aid measures**

If health problems occur or in case of doubt, inform the physician and provide them with the information in this Safety Data Sheet. If unconscious, place the casualty in the recovery position on the side, with the head slightly tilted and make sure the airways are clear. Do not induce vomiting. If vomiting occurs, make sure that the vomit is not inhaled.

Following inhalation: In case of possible difficulty following the inhalation of dust, remove the casualty from further contact. Remove the casualty to fresh air and ensure physical and mental peace. Seek medical attention immediately if respiratory irritation, drowsiness, nausea or loss of consciousness occur after the inhalation of aerosols. If respiratory arrest occurs, use a mechanical breathing apparatus or provide mouth-to-mouth resuscitation until the medical attention. Prevent cold. Seek medical attention if irritation persists.

Following skin contact: Remove the contaminated clothes, wash the affected skin with clean water and soap and apply repair cream. Seek medical attention if the symptoms persist. The mixture contains hexavalent chromium and may cause an allergic reaction.

Following eye contact: If the eyelids are open, rinse with lukewarm running water for at least 15 minutes. If the casualty has contact lenses, they should be removed before rinsing. Be careful not to hit the other unaffected eye. Seek medical attention immediately - an ophthalmologist. Rinse the eyes during transport to the physician.

Following ingestion: Rinse mouth with water and give larger amounts of water to drink (only if the casualty is conscious). Never induce vomiting. In case of spontaneous vomiting, avoid inhalation of the vomit. Seek medical attention immediately and show this Safety Data Sheet or the product label.

4.2 Most important symptoms and effects, both acute and delayed

May cause serious eye damage by direct contact. Contains sensitizing ingredients: Portland cement May cause an allergic reaction. The inhalation of dust may result in temporary respiratory irritation. The prolonged inhalation of dust can lead to health problems - the development of lung diseases such as emphysema, pulmonary fibrosis (silicosis) or asthma.

4.3 Indications of any immediate medical attention and special treatment needed

If symptoms of any contact (e.g. irritation) caused by contact with this product do not disappear after first aid, seek medical attention and present this Safety Data Sheet.

SECTION 5: Fire-fighting measures**5.1 Extinguishing media**

Suitable extinguishing media: Extinguishing foam, extinguishing powder, carbon dioxide. Adapt the extinguishing media to the environment.

Unsuitable extinguishing media: Full water jet

5.2 Special hazards arising from the substance or mixture

In case of fire, dangerous gases and vapours may escape.

5.3 Advice for fire-fighters

Do not enter the fire area without adequate protective clothes and self-contained breathing apparatus. Close the danger area and prevent unauthorized access. Extinguish the fire from a high point or downwind. Dispose of extinguishing water contaminated with the product in accordance with local regulations.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Avoid direct contact with the product. Avoid contact with the substance. Do not breathe dust/aerosols. Provide fresh air in enclosed rooms. In places with is a risk of exposure, eye irrigation equipment should be provided. Remove all ignition sources. Do not smoke. Comply with routine work and hygiene regulations.

6.2 Environmental precautions

Prevent further release into the environment. Avoid from entering into the surrounding environment. Avoid from entering into the sewage systems, surface waters and groundwater and soil. In case of a larger release into the environment, proceed according to local regulations (Water Act) and contact the relevant departments of local authorities, the environmental office or the Czech Environmental Inspectorate.

6.3 Methods and material for containment and cleaning up

Sweep/vacuum from the contaminated area. May be used if there is no contamination. Dispose of the contaminated material in an appropriate container and in accordance with waste regulations.

6.4 Reference to other sections

Other - see Sections 7, 8, 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

It is not allowed to drink, eat and smoke while working, and personal hygiene rules must be observed. Use personal protective equipment (see Section 8). Ensure good ventilation of the workplace. Avoid contact with skin and eyes. The workplace must be kept clean and the escape exits must be clear. Only substances that are required for work may be prepared at the workplace. Store and handle in accordance with all regular regulations and standards for handling chemical substances. The storage areas must meet the fire safety requirements of buildings and the electrical equipment must comply with the applicable regulations. Handle the product carefully to prevent airborne dust. In case of permanent handling, emergency eye washes should be available.

7.2 Conditions for safe storage, including any incompatibilities

Store in a clean, dry, well-ventilated place in original packaging. Keep away from moisture. Keep away from food, drink and animal feed.

7.3 Specific end use(s)

Dispose of rinse water in accordance with local and national regulations.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Exposure limits according to Government Regulation No. 361/2007 Coll.:

Name of the substance (ingredient):	CAS	PEL mg/m ³	MPC mg/m ³	Note
cement	65997-15-1	10.0	-	Dusts with predominantly non-specific effects
calcium hydroxide	1305-62-0	2	4	-
ground limestone <i>such as: limestone, marble</i>	1317-65-3	10.0	-	Dusts with predominantly non-specific effects
silica <i>such as: quartz</i>	14808-60-7	0.1	-	respirable fractions (TSH) Fr = 100%

Indicative occupational exposure limit values (ELV) according to Commission Directives 2000/39/EC, 2006/15/EC and 2017/164/EC:

Name of the substance (ingredient):	CAS	ELV (8 h) mg/m ³	ELV (15) minimum mg/m ³	Note
calcium hydroxide	1305-62-0	1	4	respirable fractions

Limit values of indicators of biological tests (No. 432/2003 Coll., Annex 2): not specified



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DNEL: not specified for the mixture.

PNEC: not specified for the mixture.

8.2 Exposure controls

Where there is any possibility of contacting the workers, it is advisable to provide an eye wash fountain and safety shower (at least a suitable drinking water outlet) in the work area to provide first aid. Ensure good ventilation of the workplace. In case of insufficient ventilation/air conditioning use local exhaust systems. The technical and organizational measures shall be such that the maximum permissible concentration of the substance in the working atmosphere is not exceeded and the direct contact with the substance is avoided.

Exposure controls of the workers

Respiratory protection:	Do not breathe dust. If dust swirls occur and exposure limits are exceeded, use a face mask/particulate filter, type FF P2, according to ČSN EN 143.
Eye protection:	In case of dangerous contact of the product with eyes use tight fitting safety goggles (caution - the goggles are required when handling alkaline material).
Hand protection:	Wear suitable protective gloves (EN ISO 374). Recommended material: PVA (polyvinyl alcohol), rubber, nitrile rubber, butyl rubber, latex, PVC or Viton >0.35mm. The breakthrough time should at least correspond to the expected contact time. Regarding the fact that no real tests have been performed, it is recommended that the breakthrough time is twice the expected contact time. When working, do not wear rings, watches or other similar objects that could hold the product on the skin. Do not use absorbent gloves - leather or textile. When selecting gloves for a specific application, all related factors should be taken into account; including, but not limited to, other chemicals it may come into contact with, physical requirements (cut and puncture protection, dexterity, thermal protection), possible physical reactions to the glove material and the instructions and specifications of the glove supplier. In case of repeated use of the gloves, clean and keep them in a well-ventilated place before taking off.
Skin protection:	Protective work clothes, remove the contaminated clothes immediately.
Thermal hazards:	No risks in normal use.

Environmental exposure controls

No use in normal use; ensure tightness of packaging during storage and handling. Equip the storage areas with leak equipment - prevent large quantities from entering surface water courses and sewage systems. Observe the usual environmental precautions, see Sections 6.2 and 12.

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Physical state:	solid - powder
Appearance (colour):	white
Odour:	not specific
Odour threshold:	No information available.
pH (at 20°C):	12.71
Melting point/freezing point (°C):	No information available.
Initial boiling point and boiling range (°C):	No information available.
Flash point (°C):	No information available.
Evaporation rate:	No data available.
Flammability:	No information available.
Explosion or flammability limits:	No information available.
Vapour density:	No data available.
Relative density:	No data available.
bulk density (kg/m ³)	1,400 ± 50



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Solubility:	it solidifies with water
Partition coefficient: n-octanol/water:	No information available.
Auto-ignition temperature:	No information available.
Decomposition temperature:	No information available.
Viscosity:	No information available.
Explosive properties:	No information available.
Oxidizing properties:	No oxidizing properties.

9.2 Additional information

For Portland cement: The reaction of cement with water and the formation of concrete, mortar or during wetting of the cement a strong alkaline solution is produced.

VOC content: No data available.

SECTION 10: Stability and reactivity

10.1 Reactivity

Under normal conditions, no specific risks of reaction with other substances are known.

10.2 Chemical stability

The product is stable when the stated regulations and instructions for storage and use are observed. The powder becomes alkaline with water and solidifies.

10.3 Possibility of hazardous reactions

Not known.

10.4 Conditions to avoid

Moisture, contact with water and other liquids.

10.5 Incompatible materials

Keep away from: oxidizing agents and mixtures, food, beverages and feed.

10.6 Hazardous decomposition products

In case of fire, dangerous gases and vapours may escape.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

a) **Acute toxicity:** Based on available data, the classification criteria are not met.

	Test type	Result	Exposition route	Test organism
	LD50		oral	
	LC50		inhalation	
	LD50		dermal	

b) **Skin corrosion/irritation**

The mixture is skin irritant, category 2.

c) **Serious eye damage/eye irritation**

Based on available data, it causes serious eye damage and irritation.

d) **Respiratory/skin sensitization**

The mixture is sensitizing in contact with skin - The mixture contains hexavalent chromium and may cause an allergic skin reaction.

e) **Germ cell mutagenicity**

Based on available data, the classification criteria are not met.

f) **Carcinogenicity**

Based on available data, the classification criteria are not met.

g) **Reproductive toxicity**

Based on available data, the classification criteria are not met.

h) **Specific target organ toxicity - single exposure**

Based on available data, the mixture is classified as toxic category 3. It may cause respiratory irritation.



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i) **Target organ toxicity - repeated exposure**
Based on available data, the classification criteria are not met.

j) **Aspiration hazard**
Based on available data, the classification criteria are not met.

Additional data
-

SECTION 12: Ecological information

12.1 Toxicity

Based on available data, the classification criteria are not met.

Fish

Fish (L. idus): no data available

Algae:

Algae (Scenedesmus quadricauda): no data available

Unicellular

Unicellular (E. sulcatum): no data available

Daphnia

Daphnia (Daphnia magna): EU5: no data available

Bacteria

Bacteria (Ps. putida): EU5: no data available

12.2 Persistence and degradability

Biodegradation: no data available

CHSK: no data available

BSK5: no data available

TSK: no data available

12.3 Bioaccumulative potential

Bioaccumulative potential not expected (log P (o/w)<1)

12.4 Mobility in soil

Distribution to environmental compartments: log P (oct):

12.5 Results of PBT and vPvB assessment

The product does not meet the criteria for classification as PBT or vPvB.

12.6 Other adverse effects

No information available.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

The substance and its residues must be disposed of at an appropriate and designated collection point. Hand over the waste only to the authorized person to take over the waste. Thoroughly rinse the contaminated packaging and hand it over for recycling or to an authorized person for disposal. Dispose of waste in accordance with applicable legislation.

SECTION 14: Transport information

It is not dangerous goods for ADR, RID and IMG.

14.1 UN number

-

14.2 UN proper shipping name

Land transport ADR

-

Rail transport RID

-

Marine transport IMDG:

-

Air transport ICAO/IATA:

-



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14.3	Transport hazard class(es)			
	<i>Land transport ADR</i>	<i>Rail transport RID</i>	<i>Marine transport IMDG:</i>	<i>Air transport ICAO/IATA:</i>
	-	-	-	-
	Classification code			
14.4	<i>Land transport ADR</i>	<i>Rail transport RID</i>	<i>Marine transport IMDG:</i>	<i>Air transport ICAO/IATA:</i>
	-	-	-	-
14.4	Warning board (Kemler)			
	<i>Land transport ADR</i>			
	-			
	Safety sign			
	<i>Land transport ADR</i>	<i>Rail transport RID</i>	<i>Marine transport IMDG:</i>	<i>Air transport ICAO/IATA:</i>
	-	-	-	-
	Note			
	<i>Land transport ADR</i>	<i>Rail transport RID</i>	<i>Marine transport IMDG:</i>	<i>Air transport ICAO/IATA:</i>
	-	-	Sea pollutant: no EmS: -	PAO: - CAO: -
	14.5	Environmental hazards		
Not a hazardous substance for the environment during transport				
14.6	Special precautions for the user			
	Not needed.			
14.7	Transport in bulk according to Annex II of Marpol and the IBC Code			
	Not transported.			

SECTION 15: Regulatory information

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

Legislation:

- Act No. 350/2011 Coll. on chemical substances and mixtures, including implementing regulations (Chemical Act).
- Regulation of the European Parliament and Council (EC) No. 1907/2006 of 18 December 2006 on registration, evaluation, authorization and restriction of chemicals, on the establishment of the European Chemicals Agency
- Commission Regulation (EU) No. 2015/830 of 28 May 2015, amending the Regulation of the European Parliament and of the Council (EC) No. 1907/2006 on registration, evaluation, authorization and restriction of chemicals
- Regulation (EC) No. 1272/2008 on classification, labelling and packaging of substances and mixtures
- Commission Directive No. 2000/39/EC of 8 June 2000 establishing the first list of indicative occupational exposure limit values in implementation of Council Directive No. 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work
- Commission Directive No. 2006/15/EC of 07 February 2006 establishing the second list of indicative occupational exposure limit values in implementation of Council Directive No. 98/24/EC and amending Directives No. 91/322/EEC and No. 2000/39/EC
- Commission Directive No. 2009/161/EU of 17 December 2009 establishing the third list of indicative occupational exposure limit values in implementation of Council Directive No. 98/24/EC and amending Commission Directive No. 2000/39/EC
- Commission Directive (EU) No. 2017/164 of 31 January 2017 establishing the fourth list of indicative occupational exposure limit values according to Council Directive No. 98/24/EC and amending Commission Directives No. 91/322/EEC, No. 2000/39/EC and No. 2009/161/EU
- European Waste Catalogue
- Decree of the Ministry of the Environment No. 93/2016 Coll., on Waste Catalogue
- Act No. 185/2001 Coll., on waste, as later amended, and its implementing regulations
- Act No. 309/2006 Coll., regulating other requirements of health and safety at work in labour relations and on ensuring safety and health at work or providing services outside labour relations
- Government Regulation No. 361/2007 Coll., determining condition of occupational health protection



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- Act No. 309/2001 Coll., as amended, on further requirements with regard to occupational safety and health
- Decree No. 432/2003 Coll., stipulating conditions for the classification of work to categories, limit values of indicators of the biological exposure tests
- Government Regulation No. 101/2005 Coll., on more detailed requirements for the workplace and working environment
- Act No. 201/2012 Coll., on the protection of air, as later amended, and its implementing regulations
- Act No. 477/2001 Coll., on packaging, as later amended and its implementing regulations
- Regulation of the European Parliament and of the Council (EC) No. 648/2004 of 31 March 2004 on detergents

15.2 Chemical safety assessment

Has not been performed.

SECTION 16: Additional information

a) Changes to the safety data sheet within revision changes

Aligning the Safety Data Sheet with Commission Regulation No. 2015/830

b) Abbreviations

DNEL	Derived No Effect Level
PNEC	Predicted No Effect Concentration
PEL	Permissible exposure limit (8 hours)
MPC	Maximum permissible concentration, short-term limit
CLP	Regulation EC No. 1272/2008
REACH	Regulation EC No. 1907/2006
PBT	Persistent, bioaccumulative and toxic substance
vPvB	Very persistent and very bioaccumulative substance
STOT RE 2	Target organ toxicity - repeated exposure, category 2
STOT SE 3	Specific target organ toxicity - single exposure, category 3
Eye Dam. 1	Serious eye damage/irritation, category 1
Eye Irrit. 2	Serious eye damage/irritation, category 2
Skin. Irrit. 2	Skin corrosion/irritation, sub-category 2
Skin. Sens. 1	Skin sensitization, category 1

c) Important references to literature and data sources

Expert databases and other regulations related to chemical legislation. Freely available safety data sheets from world producers.

d) Hazard assessment and classification of mixture:

The assessment of the mixture was carried out by expert opinion and by the conventional calculation method according to Regulation No. 1272/2008/EC.

e) List of relevant hazard statements and/or precautionary statements

EUH208	Contains: Portland cement. May cause an allergic reaction.
H318	Causes serious eye damage.
H317	May cause an allergic skin reaction.
H335	May cause respiratory irritation.
H315	Causes skin irritation.
H319	Causes serious eye irritation

f) Training instructions

Not required for small consumers, professional use requires training in handling hazardous chemicals and mixtures, routine work safety training.

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g)**Additional information**

This information applies only to the product described above and may not be valid for use with another product or area of use. The information corresponds to our best current knowledge and is given in good faith, but without any guarantee. This information does not replace the quality specifications and cannot be considered as a guarantee of suitability for any specific use. The user of the product is responsible for compliance with all applicable regulations and directives, even if they are not directly quoted in this Safety Data Sheet. It is the responsibility of the user to ensure that the information provided is appropriate and sufficient for their specific use of the product.

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