SAFETY DATA SHEET
Crushed Calcite Marble Products

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

1.1. Product identifier

Product name	Limestone
Chemical name	Calcium carbonate
Synonyms	Visnes marble, calcite marble, marble, feed lime, waterworks marble, coarse lime, wetland lime, VisnesCarb, Marble-Soft, Marble-Jet, Marble-Plus, decorative gravel, marble gravel, filter lime K4, class 4, marble chips, limestone.
REACH reg. no., Comments	The chemical is exempted from the requirement for registration in accordance with Article 2(7)(b) and Annex V, point 7 of Regulation (EC) No 1907/2006 (REACH Regulation). The chemical is mechanically produced from a natural occurrence and belongs to the following groups in point 7: minerals, ores and ore concentrates.
CAS-nr.	1317-63-3
EC-nr.	215-279-6
Formula	$CaCO_3$

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

The chemical's uses	Aggregate, Filler, Feed, Water treatment chemical, Blowing agent, Soil conditioner, Watercourse liming.
Uses not recommended	Not determined.

1.3. Details of the supplier of the safety data sheet Manufacturer

Company name	Visnes Kalk AS
Org.no.	979 489 498
Postal address	Visnesvegen 131
Postcode	6493
City	Lyngstad
Country	Norway
Tel	+47 71 29 92 20
E-mail	post@visneskalk.no
Contact person	Lars Emil Storvik Eide

1.4. Emergency telephone number

Emergency telephone	Tel: 113 Description: Emergency medical number for urgent health care needs. Open 24 hours a day.
The poison information	Tel: +47 22 59 13 00 Description: National advisory and expertise body regarding acute poisonings and poisoning risks. Open 24 hours a day.

Section 2: Hazards identification

2.1. Classification of substance or mixture

Classification notes CLP	The product has not been classified as dangerous according to (EC) No 1272/2008. The classification criteria are not met.

2.2. Merkingselementer

Other brand elements	No labelling.

2.3. Other hazards

PBT / vPvB	The substance does not meet the criteria for PBT or vPvB substances according to Annex XIII of Regulation (EC) No 1907/2006.
Other	The substance is not known to have endocrine disrupting properties according to Article 59(1) of Regulation (EC) No 1907/2006 or the criteria set out in Regulation (EC) 2017/2100 or Regulation (EC) 2018/605.

Section 3: Composition/information on ingredients

3.1. Substances

Main component	Identification	Classification	Content	Notes
Limestone	CAS-nr.: 1317-65-3 EC-nr.: 215-279-6		97-99%	Non-combustible solid material typically derived from sedimentary rocks, mainly consisting of calcium carbonate.

3.2.Mixtures/substances

Chemical components	CAS-nr.	Cons.mass%
Calsium Carbonate ($CaCO_3$)	1317-65-3	>=98%
Magnesium carbonate (MgCO3)	546-93-0	<1%
Iron(III) oxide (Fe2O3)	1309-37-1	<0,1%
Silicon dioxide (SiO2)	14808-60-7	<0,6%

Particle size: Various gradations

SECTION 4: First aid measures

4.1.Description of first aid measures

General	Emergency phone: see section 1.4.
Skin contact	Remove contaminated clothing. Wash the skin with soap and water. Get medical attention if any discomfort continues.
Eye contact	Rinse immediately with plenty of water for up to 15 minutes. Remove any contact lenses and hold the eye wide open. For prolonged rinsing, use lukewarm water to avoid damaging the eye. Contact a doctor if discomfort persists.
Inhalation	Fresh air and rest. Get medical attention if any discomfort continues.
Ingestion	Rinse your mouth immediately and drink plenty of water (200-300 ml). Do not induce vomiting. Contact a doctor if discomfort persists.

4.2. The main symptoms and effects, both acute and delayed

Acute symptoms and effects	Dust may cause mechanical irritation of mucous membranes. Symptoms such as coughing and sore throat, reddening, burning sensation and heavy watering of the eyes. Dust can mechanically irritate the skin. Ingestion may cause discomfort. May cause constipation and flatulence.

4.3. Indication of any immediate medical attention and specialized treatment are necessary

Other information	Nothing special, see section 4.1.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media	Water spray, mist, or fog. Foam. Powder.
Improper extinguishing media	Do not use water jet.

5.2. Special hazards arising from the substance or mixture

Fire and explosion hazards	The chemical is not classified as flammable.
Hazardous combustion products	Can include, but are not limited to: Carbon dioxide (CO_2). Carbon monooxide (CO).
Other information	Avoid contact with calcium oxide. Calcium oxide is a corrosive substance.

5.3. Advice for firefighters

Personal protective equipment	Use a compressed air equipment when chemicals are involved in fire. In case of evacuation, an approved protection mask should be used. See also section 8.
Other information	Containers close to fire should be moved immediately or cooled with water.

Section 6:Accidental release measures

6.1.Personal precautions, protective equipment, and emergency procedures

Personal protection measures	Use personal protective equipment as specified in section 8.

6.2. Environmental precautions

Environmental precautionary measures	Prevent emissions into sewers, waterways, or soil.

Section 7: Handling and storage

7.1. Precautions for safe handling

Handling	Ensure adequate ventilation. Avoid handling that generates dust. Avoid inhalation of dust and contact with skin and eyes. Use the specified protective equipment, see section 8.

Protective Safety Measures

Advice on general occupational hygiene	Do not eat, drink, or smoke while working. Wash your hands after each shift and before eating, smoking, or using the toilet. Wash soiled clothing before wearing it.

7.2. Conditions for safe storage, including any incompatibilities

Storage	Store in a dry place and in closed containers.
Special risks and properties	This chemical contains quartz, cristobalite, and/or tridymite, which may become airborne without a visible clou

Conditions for safe storage

Advice on storgae compatability	Kepp away form: Acids.

Section 8: Exposure controls/personal protection

8.1. Controll parameters

Country	Components	CAS-No.	Value type (from of exposure)	Control parameters	Basis
Norway	Natural Calcium Carbonate	Limestone	NGV (respirable dust)	5 mg/m^3	For-2011-12-06-1358
			NGV (Total dust)	10 mg/m^3	For-2011-12-06-1358

8.2 Exposure controls

Occupational exposure limits	Ensure adequate ventilation, including local exhaust ventilation, to ensure that established exposure limits are not exceeded. Personal protective equipment should be selected in accordance with CEN standards and in consultation with the supplier of personal protective equipment.

Resperatory protection

Respiratory protection	In case of insufficient ventilation or if there is a risk of inhaling dust, appropriate respiratory protection with a particle filter (type P2) must be used.

Hand protection

Hand protection	Gloves are recommended for prolonged use.
Suitable gloves type	Nitrile. Butyl rubber. Neoprene.

Eye / face protection

Eye protection	Use tight fitting goggles if dust is generated.

Skin protection

Skin protection (except hands)	Ordinary workwear.

Appropriate environmental exposure control

Environmental exposure controls	Do not allow to enter into sewer, water system or soil. See also section 12

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	Powder. Crushed stone.
Colour	From completely white to gray-white.
Odour	Odourless.
Comments, Odour limit	Not known.
pH (aqueous solution)	Value 8,5-9,5
Comments, pH (aqueous solution)	Aqueous solution.
Comments, Melting point / melting range	Not known.
Comments, Boiling point / boiling range	Not known.
Comments, Flash point	Not known.
Comments, Evaporation rate	Not known.
Flammability (solid, gas)	Not known.
Comments, Explosion limit	Not known.
Comments, Vapour pressure	Not known.
Comments, Vapour density	Not known.
Specific gravity	Value: 2,7 g/cm^3
Comments, Specific gravity	Valid for density
Solubility in water	Poorly soluble.
Comments, Solubility	Soluble in hot acids.
Comments, Partition coefficient: n-octanol / water	Not applicable.
Comments, Spontaneous	Not known.
Decomposition temperature	Value: >800°C
Comments, Viscosity	Not known.
Explosive properties	Not known.
Oxidising properties	Not known.

9.2. Other information

No available data.

Section 10: Stability and reactivity

10.1. Reactivity

Reactivity	Under normal condtions and use there are not expected any reactivity hazards for this chemical. Reactive with the materials listed in Section 10.5.

10.2.Chemical stability

Stability	The chemical is stable under normal conditions of storage and use.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions	Arise in contact with incompatible materials (section 10.5).

10.4.Conditions to avoid

Conditions to avoid	No recommendation given.

10.5. Incompatible materials

Materials to avoid	Acids.

10.6 Hazardous decomposition products

Hazardous decomposition products:	Heating to temperatures abover 800 °C liberates CO2. See also section 5.2.

Section 11: Toxicological information

11.1 Information on toxicological effects

Potential acute effects

Inhalation	Dust in high concentrations may irritate the respiratory system. Symptoms such as cough and sore throat may occur.
Skin contact	Dust may irritate the skin.
Eye contact	Dust may irritate the eyes. Symptoms such as watery eyes and burning may occur.
Ingestion	May cause discomfort if swallowed. May cause constipation and flatulence.
Irritation	Based on available data, the classification criteria are not met.
Corrosivity	Based on available data, the classification criteria are not met.
Aspiration hazard	Based on available data, the classification criteria are not met.

Delayed effects / repeated exposure

Sensitisation	Based on available data, the classification criteria are not met.
STOT-single exposure	Based on available data, the classification criteria are not met.
STOT-repeated exposureg	Based on available data, the classification criteria are not met.

Carcinogenic, Mutagenic or Reprotoxic

Carcinogenicity	Alpha-quartz is not classified as carcinogenic, but is marked as carcinogenic in the Norwegian working exposure limit list. Based on available data, the classification criteria are not met.
Mutagenicity	Based on available data, the classification criteria are not met.
Reproductive toxicity	Based on available data, the classification criteria are not met.

Section 12:Ecological information

12.1. Toxicity

Acute aquatic, fish	Value: > 100 mg/l Method of testing: LC50 Duration: 96 timer
Ecotoxicity	The chemical is not classified as harmful to the environment.

12.2. Persistence and degradability

Persistence and degradability	Emissions to water will make the water murky, especially with the emission of finely ground qualities. Eventually, the chemical will sediment.

12.3. Bioaccumulative potential

Bioaccumulative potential	Will not bio-accumulate.

12.4. Mobility in soil

Mobility	The product is insoluble in water and will sediment in water systems.

12.5. Results of PBT and vPvB assessment

PBT assessment results	PBT assessment has not been performed
vPvB evaluation results	vPvB assessment has not been performed.

12.6. Other adverse effects

Other adverse effects / Remarks	Emissions to water will give a minor raise in the pH.

Section 13: Disposal considerations

13.1. Waste treatment methods

Specify the appropriate methods of disposal	Deliver to authorised waste vendor. The waste code (EWC-Code) is intended as a guide. The user must select a code if the use differs from the one mentioned below.
Product classified as hazardous wastel	No
EWC waste code	EAL: 19 12 09 minerals(for example sand, stones).

Section 14: Transport information

14.1. UN number

Comments	Not considered as dangerous goods under UN, IMO, ADR/RID or IATA/ICAO regulations.

14.2. UN proper shipping name

Comments	Not relevant.

14.3. Transport hazard class(es)

Kommentar	Not relevant.

14.4. Packing group

Comments	Not relevant.

14.5. Environmental hazards

Comments	Not relevant.

14.6. Special precautions for user

Special safety precautions for user:	Not relevant.

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Pollution category	Not relevant.

Section 15: Regulatory information

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

References (laws/regulations):	Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures (CLP-regulation) with later amendments. FOR 2002-07-16 nr 1139; Norwegian regulation on classification and labelling of dangerous chemicals with later amendments. Commission Regulation (EU) No 453/2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), Annex II Safety Data Sheets. Norwegian regulaton on exposure limits: FOR-2011-12-06-1358 Forskrift om tiltaksverdier og grenseverdier for fysiske og kjemiske faktorer i arbeidsmiljøet samt smitterisikogrupper for biologiske faktorer (forskrift om tiltaks- og grenseverdier). Norwegian regulations on waste, no. 930/2004, from Minestry of the Environment. Dangerous Goods regulations

15.2.Chemical safety assessment

Chemical safety assessment performed	No

Section 16: Other information

The information in this Safety Data Sheet is provided according to our best current knowledge. The information is given to ensure that all laws and procedures regarding safe handling, use, storage, transport, disposal, and release of the product are followed.
The information applies only to this material and does not apply to combinations with other materials.
The information used in this safety data sheet has been obtained from literature and previous references.

This safety data sheet provides only information that covers safety and does not replace the product datasheet.