

## SAFETY DATA SHEET

Nordkalk

Nordkalk Dolomite

Nordkalk

The safety data sheet is in accordance with Commission Regulation (EU) 2020/878 of 18 June 2020 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

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

**Date issued** 27.09.2012

**Revision date** 13.12.2022

**1.1. Product identifier**

**Product name** Nordkalk Dolomite

**IUPAC name** Calcium-magnesium carbonate -  $\text{CaMg}(\text{CO}_3)_2$

**REACH Reg. No., comments** The substance has been exempted from the obligation to register in accordance with Article 2(7)(b) and Annex V of REACH regulation.

**CAS No.** 16389-88-1

**EC No.** 240-440-2

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

**Use of the substance / mixture** Construction industry; Manufacture of chemical products; Manufacture of basic metals, including alloys; Manufacture of other non-metallic mineral products (e.g. plasters, cement); Manufacture of stone, plaster, cement, glass and ceramic articles; Agriculture, forestry, fishery; Environmental protection; Water treatment chemicals; Flue gas treatment; Food/ feedstuff additives; Manufacture of food products; Pharmaceuticals; Mining, (including offshore industries); Paper articles; Manufacture of paints, varnishes and similar coatings, printing ink and mastics

**Main intended use** PC-TEC-OTH Other products for chemical or technical processes

**Industrial use** Yes

**Professional use** Yes

**Consumer use** No

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

**Company name** Nordkalk Oy Ab

**Postal address** Skräbbölevägen 18

**Postcode** FI-21600

<b>City</b>	Pargas
<b>Country</b>	Finland
<b>Telephone number</b>	+358 20 753 7000
<b>Email</b>	<a href="mailto:sds@nordkalk.com">sds@nordkalk.com</a>
<b>Website</b>	<a href="http://www.nordkalk.com">www.nordkalk.com</a>

## 1.4. Emergency telephone number

<b>Emergency telephone</b>	Telephone number: 112 Description: Emergency telephone number (in Finland) Open 24 hours a day.  Telephone number: +358 800 147 111 or +358 9 471 977 Description: Poison Information Centre (in Finland), P.O. Box 790 (Tukholmankatu 17), 00029 HUS Open 24 hours a day.
<b>Identification, comments</b>	Please contact the Emergency Centre in your own country, e.g. 112 in European Union countries.

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

<b>CLP classification, notes</b>	In accordance with CLP/GHS regulation (EC) No 1272/2008, the product has not been classified as hazardous.
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### 2.2. Label elements

<b>Other label information (CLP)</b>	No labeling. In accordance with current regulations, this product has not been classified as hazardous.
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### 2.3. Other hazards

<b>PBT / vPvB</b>	The substance does not meet the criteria for PBT or vPvB substance according to Regulation (EC) No 1907/2006, Annex XIII.
<b>Other hazards</b>	Calcium-magnesium carbonate 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.

## SECTION 3: Composition / information on ingredients

### 3.1. Substances

Substance	Identification	Classification	Contents	Notes
Dolomite	CAS No.: 16389-88-1 EC No.: 240-440-2	CLP classification, notes: Not classified.	30 - 100 %	

Calcium carbonate	CAS No.: 1317-65-3 EC No.: 215-279-6	CLP classification, notes: 20 - 70 % Not classified.
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**Description of the mixture** Dolomite class I: Dolomite > 53 %, Calcium carbonate 20-30 %  
Dolomite class II: Dolomite 30-53 %, Calcium carbonate 25-70 %

**Substance comments** The product does not contain ingredients classified as hazardous to health or the environment at concentrations exceeding the concentration limits for listing such ingredients.

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

<b>General</b>	Fresh air. If the situation is unclear or symptoms persist, seek medical attention.
<b>Inhalation</b>	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms persist or are severe.
<b>Skin contact</b>	Rinse skin with water/shower. Remove contaminated clothing and shoes. If skin irritation or rash occurs: Get medical advice/ attention.
<b>Eye contact</b>	Immediately flush eyes with plenty of water for several minutes, holding eyelids open. If eye irritation or other symptoms persist, seek medical attention.
<b>Ingestion</b>	Rinse mouth with water and then drink plenty of water. Do NOT induce vomiting. Get medical attention if symptoms persist or are severe.

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

<b>Acute symptoms and effects</b>	None known.
<b>Delayed symptoms and effects</b>	None known.

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

<b>Other information</b>	Treat symptomatically.
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## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

<b>Suitable extinguishing media</b>	Use an extinguishing agent suitable for the surrounding fire.
<b>Improper extinguishing media</b>	None known.

### 5.2. Special hazards arising from the substance or mixture

<b>Fire and explosion hazards</b>	The product is not flammable.
<b>Hazardous combustion products</b>	Harmful compounds may be evolved during fire. > 600 °C. Carbon dioxide. Above 600°C, dolomite decomposes to produce calcium-magnesium oxide and carbon dioxide. Calcium-magnesium oxide releases heat when in contact with water, with the risk to fire surrounding flammable substances.

### 5.3. Advice for firefighters

**Personal protective equipment**      Wear appropriate protective equipment and self-contained breathing apparatus.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

**General measures**      Avoid generation and spreading of dust.

**Personal protection measures**      Wear appropriate personal protective equipment. Avoid breathing dust. Avoid contact with skin or eyes.

### 6.2. Environmental precautions

**Environmental precautionary measures**      No special measures required.

### 6.3. Methods and material for containment and cleaning up

**Clean up**      Avoid generation and spreading of dust. Collect product with a vacuum cleaner or sweep it up, and store in a tightly sealed container for recovery or disposal. Wash surfaces with plenty of water.

### 6.4. Reference to other sections

**Other instructions**      Safe handling: see point 7.  
Personal protective equipment: see point 8.  
Waste disposal: see point 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

**Handling**      Ensure adequate ventilation. Avoid breathing dust. Avoid contact with skin, eyes, and clothing.

### Protective safety measures

**Preventive measures to prevent aerosol and dust generation**      Prevent formation of dust.

**Advice on general occupational hygiene**      Handle in accordance with good industrial hygiene and safety practices. Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling. Take off contaminated clothing and wash before reuse.

### 7.2. Conditions for safe storage, including any incompatibilities

**Storage**      Store in a dry place. Store in a closed container.

**Conditions to avoid**      Protect from moisture.  
For incompatible materials see point 10.5.

## Conditions for safe storage

**Packaging compatibilities** Store in original package or container.

**Requirements for storage rooms and vessels** Keep container tightly closed.

## 7.3. Specific end use(s)

**Specific use(s)** The use stated in section 1.2.

## SECTION 8: Exposure controls / personal protection

### 8.1. Control parameters

Substance	Identification	Exposure limits	TWA Year
Calcium carbonate		Country of origin: United Kingdom Limit value type: TWA Limit value (8 h) : 10 mg/m <sup>3</sup> Particle fraction: Inhalable Country of origin: United Kingdom Limit value type: TWA Limit value (8 h) : 4 mg/m <sup>3</sup> Particle fraction: Respirable	
Dust		Country of origin: United Kingdom Limit value type: TWA Limit value (8 h) : 4 mg/m <sup>3</sup> Particle fraction: Respirable Country of origin: United Kingdom Limit value type: TWA Limit value (8 h) : 10 mg/m <sup>3</sup> Particle fraction: Inhalable	
Inorganic dust		Country of origin: Finland Limit value (8 h) : 10 mg/m <sup>3</sup>	

### DNEL / PNEC

<b>Substance</b>	Dolomite
<b>DNEL</b>	<b>Group:</b> Professional <b>Route of exposure:</b> Long-term inhalation (local) <b>Value:</b> 4,26 mg/m <sup>3</sup> <b>Group:</b> Professional

	<b>Route of exposure:</b> Long-term inhalation (systemic) <b>Value:</b> 10 mg/m <sup>3</sup>
	<b>Group:</b> Consumer <b>Route of exposure:</b> Long-term inhalation (local) <b>Value:</b> 1,06 mg/m <sup>3</sup>
	<b>Group:</b> Consumer <b>Route of exposure:</b> Long-term inhalation (systemic) <b>Value:</b> 10 mg/m <sup>3</sup>
<b>Substance</b>	Calcium carbonate
<b>DNEL</b>	<b>Group:</b> Professional <b>Route of exposure:</b> Long-term inhalation (local) <b>Value:</b> 4,26 mg/m <sup>3</sup>
	<b>Group:</b> Professional <b>Route of exposure:</b> Long-term inhalation (systemic) <b>Value:</b> 10 mg/m <sup>3</sup>
	<b>Group:</b> Consumer <b>Route of exposure:</b> Long-term inhalation (local) <b>Value:</b> 1,06 mg/m <sup>3</sup>
	<b>Group:</b> Consumer <b>Route of exposure:</b> Long-term inhalation (systemic) <b>Value:</b> 10 mg/m <sup>3</sup>
<b>PNEC</b>	<b>Route of exposure:</b> Sewage treatment plant STP <b>Value:</b> 100 mg/l <b>Comments:</b> NOEC; AF=10

## 8.2. Exposure controls

### Precautionary measures to prevent exposure

<b>Technical measures to prevent exposure</b>	Handle the product in closed systems or provide sufficient ventilation. Observe occupational exposure limits and minimise the risk of inhalation of dust.
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### Eye / face protection

<b>Suitable eye protection</b>	Use tight-fitting safety goggles.
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### Hand protection

<b>Suitable gloves type</b>	Use appropriate chemical-resistant, impervious gloves.
<b>Suitable materials</b>	PVC. Natural rubber. Neoprene.

### Skin protection

<b>Suitable protective clothing</b>	Wear appropriate protective clothing.
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### Respiratory protection

<b>Respiratory protection necessary at</b>	If it is not possible to reduce exposure levels to below exposure limit values by ventilation or if dust forms, use appropriate respirator.
<b>Recommended type of equipment</b>	Particle filter mask. FFP2, FFP3 (EN 149).

## Thermal hazards

<b>Thermal hazards</b>	Not relevant.
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## Appropriate environmental exposure control

<b>Environmental exposure controls</b>	Prevent entry into sewers or the environment.
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## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

<b>Physical state</b>	Solid. Powder. Granular.
<b>Colour</b>	White. Beige. Light brown. Grey.
<b>Odour</b>	Odourless or mild odor.
<b>Odour limit</b>	Comments: Unknown.
<b>pH</b>	Status: In aqueous solution Value: 7 - 9
<b>Melting point / melting range</b>	Value: > 600 °C
<b>Boiling point / boiling range</b>	Comments: Not applicable.
<b>Flash point</b>	Comments: Not applicable.
<b>Flammability</b>	Not flammable.
<b>Explosion limit</b>	Comments: Not applicable.
<b>Vapour pressure</b>	Comments: Not applicable.
<b>Vapour density</b>	Comments: Not applicable.
<b>Particle characteristics</b>	Comments: Not determined.
<b>Density</b>	Value: 2,75 - 2,90 g/cm <sup>3</sup> Temperature: 20 °C
<b>Solubility</b>	Medium: Water Value: 28 - 120 mg/l Temperature: 20 °C
<b>Partition coefficient: n-octanol/water</b>	Comments: Not applicable.
<b>Auto-ignition temperature</b>	Method: UN N.4 Comments: Not self-igniting.
<b>Decomposition temperature</b>	Value: > 450 °C Comments: Calcium carbonate  Value: > 600 °C Comments: Dolomite

**Viscosity** Comments: Not applicable.

## 9.2. Other information

### 9.2.2. Other safety characteristics

**Comments** None reported.

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

**Reactivity** Not reactive under normal use and storage conditions.

### 10.2. Chemical stability

**Stability** Chemically stable under normal storage conditions. Decomposes at temperature higher than 600°C to form calcium-magnesium oxide.

### 10.3. Possibility of hazardous reactions

**Possibility of hazardous reactions** Reacts with acids to form carbon dioxide which displaces the oxygen in the air in closed spaces.

### 10.4. Conditions to avoid

**Conditions to avoid** Strong heating.

### 10.5. Incompatible materials

**Materials to avoid** Acids.

### 10.6. Hazardous decomposition products

**Hazardous decomposition products** In a fire or if overheated, harmful compounds may be formed (carbon dioxide, carbon monoxide). Reacts with acids to form carbon dioxide which displaces the oxygen in the air in closed spaces.

## SECTION 11: Toxicological information

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

<b>Substance</b>	Dolomite
<b>Acute toxicity</b>	<b>Effect tested:</b> LD50 <b>Route of exposure:</b> Oral <b>Method:</b> OECD 425 <b>Value:</b> > 2000 mg/kg bw <b>Animal test species:</b> Rat
<b>Substance</b>	Calcium carbonate
<b>Acute toxicity</b>	<b>Effect tested:</b> LD50

**Route of exposure:** Oral  
**Method:** OECD 420  
**Value:** > 2000 mg/kg bw  
**Animal test species:** Rat

**Effect tested:** LD50  
**Route of exposure:** Dermal  
**Method:** OECD 402  
**Value:** > 2000 mg/kg bw  
**Animal test species:** Rat

**Effect tested:** LC50  
**Route of exposure:** Inhalation.  
**Method:** OECD 403  
**Duration:** 4 hour(s)  
**Value:** > 3 mg/l  
**Animal test species:** Rat

**Other toxicological data**

The product is not classified as acutely toxic.

**Other information regarding health hazards**

**Substance** Dolomite

**Skin corrosion / irritation test result** **Evaluation result:** Not irritating.

**Substance** Calcium carbonate

**Skin corrosion / irritation test result** **Method:** In vivo OECD 404  
**Species:** Rabbit  
**Evaluation result:** Not irritating.

**Assessment of skin corrosion / irritation, classification** The product is not classified as irritant or corrosive to skin.

**Substance** Dolomite

**Eye damage or irritation, test results** **Evaluation result:** Not irritating.

**Substance** Calcium carbonate

**Eye damage or irritation, test results** **Method:** In vivo OECD 405  
**Species:** Rabbit  
**Evaluation result:** Not irritating.

**Assessment of eye damage or irritation, classification** The product is not classified as damaging or irritating to eyes.

**Substance** Dolomite

**Respiratory or skin sensitisation** **Evaluation result:** Not sensitizing

**Substance** Calcium carbonate

**Respiratory or skin sensitisation** **Method:** OECD 429  
**Species:** Mouse  
**Evaluation result:** Not sensitizing

**Sensitisation** The product is not classified as a respiratory or skin sensitiser.

**Mutagenicity** The product is not classified as a mutagen. In vitro OECD 471, OECD 473, OECD

	476.
<b>Carcinogenicity, other information</b>	The product is not classified as a carcinogen.
<b>Reproductive toxicity</b>	The product is not classified as toxic to reproduction. Calcium carbonate: NOEL: 1000 mg/kg bw/d (OECD 422). Dolomite: NOAEL: 1500 mg/kg bw/d (similar to OECD TG 414).
<b>Assessment of specific target organ toxicity - single exposure, classification</b>	The product is not classified as toxic to specific target organs at a single exposure.
<b>Specific target organ toxicity - repeated exposure, test results</b>	Method: OECD 422 Route of exposure: Oral Species: Rat Comments: Calcium carbonate: NOAEL: 1000 mg/kg bw/d  Method: OECD 413 Route of exposure: Inhalation. Species: Rat Comments: Calcium carbonate: NOAEC: 0,212 mg/l
<b>Assessment of specific target organ toxicity - repeated exposure, classification</b>	The product is not classified as toxic to specific target organs at repeated exposure.
<b>Assessment of aspiration hazard, classification</b>	The product is not classified as an aspiration hazard.
<b>11.2 Other information</b>	
<b>Endocrine disruption</b>	No endocrine disrupting properties known.

## SECTION 12: Ecological information

### 12.1. Toxicity

<b>Substance</b>	Dolomite
<b>Aquatic toxicity, fish</b>	<b>Comments:</b> Acute toxicity is greater than the highest concentration tested and therefore exceeds the maximum solubility of the product in water.
<b>Substance</b>	Calcium carbonate
<b>Aquatic toxicity, fish</b>	<b>Effect dose concentration:</b> LC50 <b>Test duration:</b> 96 hour(s) <b>Species:</b> Oncorhynchus mykiss <b>Method:</b> OECD 203 <b>Evaluation:</b> >100% v/v saturated solution of test material - Exceeds maximum solubility of substance. <b>Comments:</b> Acute toxicity is greater than the highest concentration tested and therefore exceeds the maximum solubility of the product in water.
<b>Substance</b>	Dolomite
<b>Aquatic toxicity, algae</b>	<b>Value:</b> > 100 mg/l <b>Effect dose concentration:</b> EC50 <b>Test duration:</b> 72 hour(s) <b>Species:</b> freshwater algae

<b>Substance</b>	Calcium carbonate
<b>Aquatic toxicity, algae</b>	<b>Value:</b> > 14 mg/l <b>Test duration:</b> 72 hour(s) <b>Species:</b> Desmodesmus subspicatus <b>Method:</b> OECD 201 <b>Comments:</b> EC50 / EC20 / EC10 / NOEC
<b>Substance</b>	Dolomite
<b>Aquatic toxicity, crustacean</b>	<b>Value:</b> > 100 mg/l <b>Effect dose concentration:</b> EC50 <b>Test duration:</b> 48 hour(s) <b>Species:</b> Daphnia magna <b>Method:</b> OECD 202  <b>Value:</b> 81,6 mg/l <b>Effect dose concentration:</b> EC50 <b>Test duration:</b> 96 hour(s) <b>Species:</b> Cancer magister (syn. Metacarcinus magister)  <b>Value:</b> 24,8 mg/l <b>Effect dose concentration:</b> EC50 <b>Test duration:</b> 96 hour(s) <b>Species:</b> Pandalus danae  <b>Value:</b> > 500 mg/l <b>Effect dose concentration:</b> LC50 <b>Test duration:</b> 24 hour(s) <b>Species:</b> Ceriodaphnia dubia Hexagenia limbata
<b>Substance</b>	Calcium carbonate
<b>Aquatic toxicity, crustacean</b>	<b>Effect dose concentration:</b> EC50 <b>Test duration:</b> 48 hour(s) <b>Species:</b> Daphnia magna <b>Method:</b> OECD 202 <b>Evaluation:</b> >100% v/v saturated solution of test material - Exceeds maximum solubility of substance. <b>Comments:</b> Acute toxicity is greater than the highest concentration tested and therefore exceeds the maximum solubility of the product in water.
<b>Substance</b>	Calcium carbonate
<b>Toxicity to earthworm</b>	<b>Value:</b> > 1000 mg/kg <b>Effect dose concentration:</b> EC50 <b>Test duration:</b> 14 day(s) <b>Species:</b> Eisenia fetida <b>Method:</b> OECD 207 <b>Comments:</b> NOEC: 1000 mg/kg
<b>Substance</b>	Calcium carbonate
<b>Toxicity to soil microorganisms</b>	<b>Value:</b> > 1000 mg/kg <b>Effect dose concentration:</b> EC50 <b>Test duration:</b> 28 day(s) <b>Species:</b> microorganisms <b>Method:</b> OECD 216 <b>Comments:</b> NOEC: 1000 mg/kg

<b>Substance</b>	Calcium carbonate
<b>Plant toxicity</b>	<b>Value:</b> > 1000 mg/kg <b>Effect dose concentration:</b> EC50 <b>Test duration:</b> 21 day(s) <b>Species:</b> Glycine max Lycopersicon esculentum Avena sativa <b>Method:</b> OECD 208 <b>Comments:</b> NOEC: 1000 mg/kg
<b>Substance</b>	Calcium carbonate
<b>Impact on sewage treatment</b>	<b>Value:</b> > 1000 mg/l <b>Effect dose concentration:</b> EC50 <b>Test duration:</b> 3 hour(s) <b>Species:</b> Activated sludge <b>Method:</b> OECD 209 <b>Comments:</b> NOEC: 1000 mg/l
<b>Ecotoxicity</b>	The product is not classified as hazardous to the environment.

## 12.2. Persistence and degradability

<b>Persistence and degradability description/evaluation</b>	Not relevant for inorganic substances.
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## 12.3. Bioaccumulative potential

<b>Bioaccumulation, evaluation</b>	The product does not contain any substances expected to be bioaccumulating.
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## 12.4. Mobility in soil

<b>Mobility</b>	Not considered mobile.
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## 12.5. Results of PBT and vPvB assessment

<b>Results of PBT and vPvB assessment</b>	Not classified as PBT/vPvB by current EU criteria.
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## 12.6. Endocrine disrupting properties

<b>Endocrine disrupting properties</b>	No endocrine disrupting properties known.
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## 12.7. Other adverse effects

<b>Additional ecological information</b>	The product is not classified as hazardous to the environment. Avoid release to the environment.
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# SECTION 13: Disposal considerations

## 13.1. Waste treatment methods

<b>Appropriate methods of disposal for the chemical</b>	Avoid release to the environment.
<b>Appropriate methods of disposal for the contaminated packaging</b>	After usage, empty the packing completely. Uncleaned empty containers are to be handled in the same way as the ones containing products. Dispose of empty

	containers to an approved waste disposal facility for recycling or disposal.
<b>Other information</b>	Dispose of in compliance with local and national regulations.

## SECTION 14: Transport information

**Dangerous goods** No

### 14.1. UN number

**Comments** The product is not classified for transportation.

### 14.2. UN proper shipping name

### 14.3. Transport hazard class(es)

### 14.4. Packing group

### 14.5. Environmental hazards

**IMDG Marine pollutant** No.

**Comments** The product is not classified as hazardous to the environment.

### 14.6. Special precautions for user

**Special safety precautions for user** Avoid any release of dust during transportation, by using air-tight tanks for powders and covered trucks for pebbles.

### 14.7. Maritime transport in bulk according to IMO instruments

**Transport in bulk (yes/no)** No

## SECTION 15: Regulatory information

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

**Legislation and regulations** No specific regulations.

### 15.2. Chemical safety assessment

**Chemical safety assessment performed** No

**Chemical safety assessment** The product is exempted from REACH registration and thus no formal chemical safety assessment has been carried out for this substance by the supplier. Data from registration dossiers for similar substance are disseminated on ECHA website ([www.echa.europa.eu](http://www.echa.europa.eu)).  
Calcium carbonate (precipitated)  
Magnesium carbonate

## SECTION 16: Other information

<b>Training advice</b>	Read safety data sheet.
<b>Key literature references and sources for data</b>	<p>Previous version of the SDS (4.3.2019)</p> <p>Product Safety Data Sheet for Calcium-Magnesium carbonate (CCA Europe) (February 2022)</p> <p>EH40/2005 Workplace exposure limits (4th ed, 2020)</p> <p>Decree on Concentrations known to be Hazardous 654/2020 (HTP-arvot 2020), Finland</p>
<b>Abbreviations and acronyms used</b>	<p>AF: Assessment factor</p> <p>DNEL: Derived No-Effect Level</p> <p>EC50: Effective concentration: concentration which kills or immobilises 50 % of exposed organisms</p> <p>LC50: Lethal concentration 50 % (median lethal concentration): concentration which kills 50 % of exposed organisms</p> <p>LD50: Lethal dose 50 % (median lethal dose): dose which kills 50 % of exposed organisms</p> <p>NOAEL: No Observed Adverse Effect Level: loading rate at which no adverse effects are observed</p> <p>NOEC: No Observed Effect Concentration: concentration at which no effects are observed</p> <p>OEL: Occupational exposure limit</p> <p>PBT: Persistent, Bioaccumulative and Toxic substance.</p> <p>PNEC: Predicted No-Effect Concentration</p> <p>STEL: Short-term exposure limit.</p> <p>TWA: Time-weighted average</p> <p>vPvB: very Persistent and very Bioaccumulative substance</p>
<b>Information added, deleted or revised</b>	<p>4.3.2019: Safety data sheet revised.</p> <p>The following sections have been updated:</p> <p>1.3 Contact information</p> <p>13.12.2022: Update according to Annex II of the REACH Regulation ([EU] 2020/878). Changed identifiers for calcium carbonate (formerly CAS 471-34-1, EC number 207-439-9). Exposure limit values changed (section 8.1). Changes to sections: 2.3, 3, 4.1, 7.1, 7.3, 8.1, 8.2, 9.1, 10.1, 10.2, 10.3, 11.1, 11.2, 12.3, 12.4, 12.6, 13.1, 14.6, 16</p>
<b>Last update date</b>	13.12.2022
<b>Version</b>	1
<b>Prepared by</b>	Sweco Industry Oy
<b>Comments</b>	<p>Disclaimer</p> <p>This safety data sheet (SDS) is based on the legal provisions of the REACH Regulation (EC 1907/2006; article 31 and Annex II), as amended. Its contents are intended as a guide to the appropriate precautionary handling of the material. It is the responsibility of recipients of this SDS to ensure that the information contained therein is properly read and understood by all people who may use, handle, dispose or in any way come in contact with the product. Information and instructions provided in this SDS are based on the current state of scientific and technical knowledge at the date of issue indicated. It should not be construed as any guarantee of technical performance, suitability for particular applications, and does not establish a legally valid contractual relationship. This version of the</p>

SDS supersedes all previous versions.