

**SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY****1.1 Product identifier**

Substance name: Calcium carbonate and dolomite mixture

Synonyms Calcium magnesium carbonate, Fine calcium magnesium carbonate, Fine Mg-containing limestone, Peat lime

Chemical name and formula: Calcium magnesium bicarbonate -  $\text{CaMg}(\text{CO}_3)_2$

Trade name: Peat lime

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

Uses advised against: There are no uses advised against.

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

	Finland	Norway	Sweden	Estland
Company Name:	SMA Mineral Oy	SMA Mineral AS	SMA Mineral AB	SMA Mineral AS
Address:	Selleenkatu 281 95450 Tornio	Postbox 500 8601 Mo i Rana	Box 329 682 27 Filipstad	Männiku tee 123/1 Tallinn 11216
Phone number:	+358 40 712 2360	+47 75 13 6443	+46 590 164 00	+372 658 5960

E-mail of person responsible for SDS: [sds@smamineral.com](mailto:sds@smamineral.com)

**1.4 Emergency telephone number**

European Emergency No.: 112

Poison Information Centre, Estonia +372 626 9390

Poison Information Centre, Finland +358 9 4711

Poison Information Centre, Latvia +37 1704 2468

Poison Information Centre, Norway + 47 2259 1300

Poison Information Centre, Sweden +46 10 456 6700

Poison Information Centre, United Kingdom +44 191 260 6182/+44 191 260 6180 (24H)

**SECTION 2: HAZARDS IDENTIFICATION****2.1 Classification of the mixture****2.1.1 Classification according to Regulation (EC) 1272/2008**

No hazardous properties.

**2.1.2 Classification according to Directive 67/548/EEC**

No hazardous properties.

**2.2 Label elements**

None

**2.3 Other hazards**

No other hazards identified.

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS****3.1 Substances**

Not applicable.

### **3.2 Mixtures**

Calcium carbonate and dolomite mixture

No impurities relevant for classification and labelling.

## **SECTION 4: FIRST AID MEASURES**

### **4.1 Description of first aid measures**

#### Following inhalation

Fresh air. Seek medical attention if necessarily.

#### Following skin contact

Remove contaminated clothing. Wash skin with soap and water. Seek medical attention if irritation persists.

#### Following eye contact

Rinse with copious quantities of water and seek medical attention if irritation persists.

#### Following ingestion

Rinse mouth with water. Consult medical attention if symptoms continue or if the product is ingested in large quantities.

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

None

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

Follow the advises given in section 4.1

## **SECTION 5: FIREFIGHTING MEASURES**

### **5.1 Extinguishing media**

#### **5.1.1 Suitable extinguishing media**

The product is not combustible. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Take note of other chemical extinguishing media types for selection.

#### **5.1.2 Unsuitable extinguishing media**

None

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

None

### **5.3 Advice for fire fighters**

Avoid generation of dust. Use breathing apparatus. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

## **SECTION 6: ACCIDENTAL RELEASE MEASURES**

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

#### **6.1.1 For non-emergency personnel**

No special requirements.

#### **6.1.2 For emergency responders**

No special requirements.

## **6.2 Environmental precautions**

No special requirements.

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

No special requirements.

## **6.4 Reference to other sections**

See sections 8 and 13.

# **SECTION 7: HANDLING AND STORAGE**

## **7.1 Precautions for safe handling**

### **7.1.1 Protective measures**

Avoid contact with skin and eyes. Wear protective equipment (refer to section 8 of this safety data sheet). Keep dust levels to a minimum. Minimize dust generation. Enclose dust sources, use exhaust ventilation (dust collector at handling points). Handling systems should preferably be enclosed.

### **7.1.2 Advice on general occupational hygiene**

Avoid inhalation or ingestion and contact with skin and eyes. General occupational hygiene measures are required to ensure safe handling of the substance. These measures involve good personal and housekeeping practices (i.e. regular cleaning with suitable cleaning devices), no drinking, eating and smoking at the workplace. Shower and change clothes at end of work shift. Do not wear contaminated clothing at home.

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

The substance should be stored under dry conditions. Any contact with air and moisture should be avoided. Bulk storage should be in purpose – designed silos.

## **7.3 Specific end use(s)**

No special requirements.

# **SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION**

## **8.1 Control parameters**

Occupational Exposure Limit (OEL), 8 h TWA: Inorganic dust 10 mg/m<sup>3</sup>

## **8.2 Exposure controls**

To control potential exposures, generation of dust should be avoided. Further, appropriate protective equipment is recommended. Avoid direct contact. Take care of good hygiene practice.

### **8.2.1 Appropriate engineering controls**

If user operations generate dust, use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne dust levels below recommended exposure limits.

### **8.2.2 Individual protection measures, such as personal protective equipment**

#### **a. Eye/face protection**

For powders, tight fitting goggles with side shields, or wide vision full goggles.

#### **b. Skin protection**

Wear suitable protective clothing to protect against splatter and dirt.

#### **c. Respiratory protection**

A suitable particle filter mask type P3 is recommended, depending on the expected exposure levels.

#### **d. Thermal hazards**

The substance does not represent a thermal hazard, thus special consideration is not required.

#### **8.2.3 Environmental exposure controls**

All ventilation systems should be filtered before discharge to atmosphere. Avoid releasing to the environment. Contain the spillage. Collect carefully as dry. Avoid formation and spreading of dust. Collect sealed container. Recycle if possible or dispose in accordance with waste regulations. Rinse area with water. Any large spillage into watercourses must be alerted to the regulatory authority responsible for environmental protection or other regulatory body.

### **SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

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

Appearance	fair color, solid, grain shape or powder appearance
Odour	odorless
Odour threshold	not relevant
pH	water soluble 7-9
Melting point	not available
Boiling point	not available
Explosive limits	non explosive

#### **9.2 Other information**

Not applicable.

### **SECTION 10: STABILITY AND REACTIVITY**

#### **10.1 Reactivity**

Stable

#### **10.2 Chemical stability**

Under normal conditions of use and storage (dry conditions), mixture of calcium carbonate and dolomite is stable.

#### **10.3 Possibility of hazardous reactions**

No hazardous reactions.

#### **10.4 Conditions to avoid**

Not relevant.

#### **10.5 Incompatible materials**

No particular incompatibility.

#### **10.6 Hazardous decomposition products**

No decomposition products.

### **SECTION 11: TOXICOLOGICAL INFORMATION**

#### **11.1 Information on toxicological effects**

##### **11.1.1.a.1 Acute toxicity**

Mixture of calcium carbonate and dolomite is not acute toxicity.

##### **11.1.1.a.2 Skin corrosion/irritation**

None

**11.1.1.a.3      Serious eye damage/irritation**

Can irritate eyes. Not toxic.

**11.1.1.a.4      Respiratory or skin sensitisation**

Like a normal dust.

**11.1.1.a.5      Germ cell mutagenicity**

None

**11.1.1.a.6      Carcinogenicity**

None

**11.1.1.a.7      Reproductive toxicity**

None

**11.1.1.a.8      STOT-single exposure**

Not classified.

**11.1.1.a.9      STOT-repeated exposure**

None

**11.1.1.a.10      Aspiration hazard**

Mixture of calcium carbonate and dolomite is not known to present an aspiration hazard.

## **SECTION 12: ECOLOGICAL INFORMATION**

**12.1 Toxicity**

None

**12.2 Persistence and degradability**

Not relevant for inorganic substances.

**12.3 Bioaccumulative potential**

Not relevant for inorganic substances.

**12.4 Mobility in soil**

Not known.

**12.5 Results of PBT and vPvB assessment**

Not relevant for inorganic substances.

**12.6 Other adverse effects**

No other adverse effects are identified.

## **SECTION 13: DISPOSAL CONSIDERATIONS**

**13.1 Waste treatment methods**

No special requirements.

## **SECTION 14: TRANSPORT INFORMATION**

Calcium carbonate and dolomite are not classified as hazardous for transport (ADR (Road), RID (Rail), IMDG / GGVSea (Sea)).

#### 14.1 UN number

Not relevant.

#### 14.2 UN proper shipping name

Mixture of calcium carbonate and dolomite

#### 14.3 Transport hazard class(es)

None

#### 14.4 Packing group

None

#### 14.5 Environmental hazards

Not relevant.

#### 14.6 Special precautions for user

None

#### 14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not regulated

### SECTION 15: REGULATORY INFORMATION

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

Authorisation: Not required

Restrictions on use: None

Other EU regulations: Calcium magnesium carbonate is not a SEVESO substance, not ozone depleting substance and not a persistent organic pollutant.

National regulations:

#### 15.2 Chemical safety assessment

Exempted from REACH Registration in accordance with Annex V.7.

### SECTION 16: OTHER INFORMATION

Data are based on our latest knowledge but do not constitute a guarantee for any specific product features and do not establish a legally valid contractual relationship.

#### 16.1 Abbreviations

OEL: occupational exposure limit

PBT: persistent, bioaccumulative, toxic chemical

vPvB: very persistent, very bioaccumulative chemical

#### 16.2 Key literature references

Safety Data sheet is based on REACH Regulation (1907/2006/EY; Article 31 and Annex II), and accordance thereafter entered changes.

#### 16.3 Revision

September 2018 (Version 2.1)

New style, Updated header to peat lime instead of IUPAC –name

Section 1.4: Expanded the list of Poison information centers

September 2017 (Version 2.0)

Section 1.3: Removed fax number, updated phone number & email of competent person

Section 1.4: Removed emergency telephone at the company  
Removed "End of the Safety Data Sheet", page style x/y informative enough  
Updated header-style, and added reference to voluntarily built SDS

Disclaimer

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 SDS supersedes all previous versions.