

Date:12.3.2018

Former date:

Trade name / Substance name: 22R Parainen white-grey limestone

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**x SAFETY DATA SHEET**

(INFORMATION FORM FOR CHEMICALS DATA)

(\* ) concerns only chemical notification

(\*\*) either 3.1 or 3.2 must be filled

**SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING**

**1.1 Product identifier**

**Trade name / Substance name**

22R Parainen white-grey limestone

**Company product code**

Not applicable

**REACH Registration number**

Not applicable

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

**The uses of the chemical**

Aggregates for concrete and decorative construction

**Classification of economic activities (NACE) (\*)**

**Use categories (UC62) (\*)**

The chemical can be used by the general public (\*) x

The chemical is used by the general public only (\*)

**1.3 Details of the supplier of the Safety Data Sheet**

**Supplier (manufacturer, importer, only representative, downstream user, distributor)**

**Responsible for placing a chemical on the market in Finland (\*)**

**Finnsementti Oy**

**Street address**

Skräbbölenie 18

**Postcode and post office**

21600 PARAINEN, FINLAND

**Post-office box**

**Postcode and post office**

**Telephone number**

+358 201 206 200

**Telefax**

**E-mail address**

info@finnsementti.fi

**Finnish Business ID (Y code) (\*)**

**1.4 Emergency telephone number**

Poison Information Centre Tel. +358 9 471 977 (direct) or +358 9 4711 (exchange)

**SECTION 2: HAZARDS IDENTIFICATION**

**2.1 Classification of the substance or mixture**

No need to classification according to Regulation EC N:o 1272/2008 [CLP] to this product.

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**2.2 Label elements**

The product does not require a hazard warning label according to Regulation EC N:o 1272/2008 [CLP].

**2.3 Other hazards**

None

**SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS****3.1 Substances (\*\*)**

Main constituent / constituent	CAS-, EC- or index number	Concentration

**3.2 Mixtures (\*\*)**

Substance name	CAS-, EC- or index number	REACH Registration No.	Concentration	Classification
Quartz Respirable quartz	14808-60-7		1% < 1,0%	This product contains less than 1% of respirable quartz and therefore is NOT CLASSIFIED.

**SECTION 4: FIRST AID MEASURES****4.1 Description of first aid measures**

Eye contact: Rinse with copious quantities of water and seek medical attention if irritation persists.  
 Inhalation: Movement of the exposed individual from the area to fresh air is recommended.  
 Ingestion: No first-aid measures required.  
 Skin contact: No special first aid measures necessary.

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

Product dust may irritate eyes mechanically.

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

No specific actions are required.

**SECTION 5: FIREFIGHTING MEASURES****5.1 Extinguishing media**

No specific extinguishing media is needed.

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

Non combustible. No hazardous thermal decomposition.

**5.3 Advice for firefighters**

No specific extinguishing media is needed.

**SECTION 6: ACCIDENTAL RELEASE MEASURES****6.1 Personal precautions, protective equipment and emergency procedures**

Avoid dry sweeping and use water spraying or vacuum cleaning systems to prevent airborne dust generation.  
 Wear personal protective equipment in compliance with national legislation.

**6.2 Environmental precautions**

Avoid airborne dust generation.

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

Avoid dry sweeping and use water spraying or vacuum cleaning systems to prevent airborne dust generation.

**6.4 Reference to other sections**

See sections 8 and 13.

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<b>SECTION 7: HANDLING AND STORAGE</b>															
<b>7.1</b>	<b>Precautions for safe handling</b>														
	Avoid airborne dust generation. Provide appropriate exhaust ventilation at places where airborne dust is generated. In case of insufficient ventilation, wear suitable respiratory protective equipment.														
<b>7.2</b>	<b>Conditions for safe storage, including any incompatibilities</b>														
	No special requirements.														
<b>7.3</b>	<b>Specific end use(s)</b>														
	No special requirements.														
<b>SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION</b>															
<b>8.1</b>	<b>Control parameters</b>														
	<p><b>National occupational exposure limit values</b></p> <p>Respirable crystalline silica 0,05 mg/m<sup>3</sup> / 8h Inorganic dust: 10 mg/m<sup>3</sup> / 8h</p> <p><b>Other limit values</b></p> <p>No occupational exposure limits known.</p> <p><b>DNEL</b></p> <p>No occupational exposure limits known.</p> <p><b>PNEC</b></p> <p>No occupational exposure limits known.</p>														
<b>8.2</b>	<b>Exposure controls</b>														
	<p><b>Appropriate engineering controls</b></p> <p>Minimize airborne dust generation. Use process enclosures, local exhaust ventilation or other engineering controls to keep airborne levels below specified exposure limits.</p> <p><b>Eye / face protection</b></p> <p>Wear safety glasses</p> <p><b>Skin protection</b></p> <p>No specific requirement.</p> <p><b>Hand protection</b></p> <p>No specific requirement.</p> <p><b>Respiratory protection</b></p> <p>In case of insufficient ventilation, wear suitable respiratory protective equipment.</p> <p><b>Thermal hazards</b></p> <p>None</p> <p><b>Environmental exposure controls</b></p> <p>Minimize airborne dust generation.</p>														
<b>SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES</b>															
<b>9.1</b>	<b>Information on cphysical and chemical properties</b>														
	<table border="1"> <tbody> <tr> <td><b>Appearance</b></td> <td>Solid, granular</td> </tr> <tr> <td><b>Odour</b></td> <td>Almost odourless</td> </tr> <tr> <td><b>Odour threshold</b></td> <td>Not relevant</td> </tr> <tr> <td><b>pH</b></td> <td>Not relevant</td> </tr> <tr> <td><b>Melting point/freezing point</b></td> <td>Not relevant</td> </tr> <tr> <td><b>Initial boiling point and boiling range</b></td> <td>Not relevant</td> </tr> <tr> <td><b>Flash point</b></td> <td>Not relevant</td> </tr> </tbody> </table>	<b>Appearance</b>	Solid, granular	<b>Odour</b>	Almost odourless	<b>Odour threshold</b>	Not relevant	<b>pH</b>	Not relevant	<b>Melting point/freezing point</b>	Not relevant	<b>Initial boiling point and boiling range</b>	Not relevant	<b>Flash point</b>	Not relevant
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<b>Evaporation rate</b>	Not relevant
<b>Flammability (solid, gas)</b>	Not relevant
<b>Upper/lower flammability or explosive limits</b>	Not relevant
<b>Vapour pressure</b>	Not relevant
<b>Vapour density</b>	Not relevant
<b>Relative density</b>	2720 kg/m <sup>3</sup>
<b>Solubility(ies)</b>	Insoluble
<b>Partition coefficient: n-octanol/water</b>	Not relevant
<b>Auto-ignition temperature</b>	Not relevant
<b>Decomposition temperature</b>	Not relevant
<b>Viscosity</b>	Not relevant
<b>Explosive properties</b>	Not relevant
<b>Oxidising properties</b>	Not relevant

<b>9.2</b>	<b>Other information</b>
	None

<b>SECTION 10: STABILITY AND REACTIVITY</b>	
<b>10.1</b>	<b>Reactivity</b>
	Inert, not reactive in normal conditions.
<b>10.2</b>	<b>Chemical stability</b>
	Chemically stable in normal conditions.
<b>10.3</b>	<b>Possibility of hazardous reactions</b>
	No hazardous reactions.
<b>10.4</b>	<b>Conditions to avoid</b>
	Not known.
<b>10.5</b>	<b>Incompatible materials</b>
	No particular incompatibility.
<b>10.3</b>	<b>Hazardous decomposition products</b>
	Not relevant

<b>SECTION 11: TOXICOLOGICAL INFORMATION</b>	
<b>11.1</b>	<b>Information on toxicological effects</b>

**Acute toxicity**

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

**Skin corrosion/irritation**

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

**Serious eye damage/irritation**

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

**Respiratory or skin sensitisation**

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

**Germ cell mutagenicity**

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

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**Carcinogenicity**

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

**Reproductive toxicity**

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 exposure**

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

**Aspiration hazard**

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

**Other information**

None

<b>SECTION 12: ECOLOGICAL INFORMATION</b>	
<b>12.1</b>	<b>Toxicity</b> Based on available Data, the classification criteria are not met.
<b>12.2</b>	<b>Persistence and degradability</b> Based on available Data, the classification criteria are not met.
<b>12.3</b>	<b>Bioaccumulative potential</b> Based on available Data, the classification criteria are not met.
<b>12.4</b>	<b>Mobility in soil</b> Based on available Data, the classification criteria are not met.
<b>12.5</b>	<b>Results of PBT and vPvB assessment</b> Based on available Data, the classification criteria are not met.
<b>12.6</b>	<b>Other adverse effects</b> Based on available Data, the classification criteria are not met.
<b>SECTION 13: DISPOSAL CONSIDERATIONS</b>	
<b>13.1</b>	<b>Waste treatment methods</b> Where possible, recycling is preferable to disposal. Product can be used in earthwork and landfill.
<b>SECTION 14: TRANSPORT INFORMATION</b>	
<b>14.1</b>	<b>UN number</b> Not relevant
<b>14.2</b>	<b>UN proper shipping name</b> Not relevant
<b>14.3</b>	<b>Transport hazard class(es)</b> Not classified
<b>14.4</b>	<b>Packing group</b> Not classified
<b>14.5</b>	<b>Environmental hazards</b> Not classified
<b>14.6</b>	<b>Special precautions for user</b> Not relevant
<b>14.7</b>	<b>Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code</b> Not relevant
<b>SECTION 15: REGULATORY INFORMATION</b>	
<b>15.1</b>	<b>Safety, health and environmental regulations/legislation specific for the substance or mixture</b> <a href="http://www.crystallinesilica.eu/sites/crystallinesilica.eu/files/documents/IMA_Position_Paper_-_CL_of_RCS__May_2010_.pdf">http://www.crystallinesilica.eu/sites/crystallinesilica.eu/files/documents/IMA_Position_Paper_-_CL_of_RCS__May_2010_.pdf</a>

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**15.2 Chemical safety assessment**

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

**SECTION 16: OTHER INFORMATION**

**Indication of changes**

Regulation EC N:o 1272/2008 [CLP].

**Abbreviations and acronyms**

None

**Key literature references and sources for data**

None

**Used method in evaluating classification**

Regulation EC N:o 1272/2008 [CLP].

**List of relevant R-and S-phrases or/and safety and precautionary statements**

None

**Training advice for workers**

[www.finnsementti.fi](http://www.finnsementti.fi)