

7 HANDLING AND STORAGE

- 7.1 **Handling** Use protective equipment (see section 8). Avoid generation of dust and keep dust levels to a minimum.
Carrying bags can cause personal injury, ensure operation is conducted in accordance with current manual handling legislation.
- 7.2 **Storage** Store in a dry environment where possible
Keep out of reach of children.
Packed materials should be stored in unopened bags, pallets should remain wrapped and stored in a stable manner in an appropriate storage area.
- 7.3 **Product specific** Stockpiles should be stored in restricted areas away from children and animals, consideration should be given to the potential hazard of slippage

8 EXPOSURE CONTROLS AND PERSONAL PROTECTION

8.1 Exposure limit values

WEL 8 Hr TWA (Time Weighted Average)	10 mg m ⁻³	Total inhalable dust
	4 mg m ⁻³	Respirable dust

8.2 Exposure controls

8.2.1



General

Avoid contact with skin and eyes, minimise generation of dust.

8.2.1a



Respiratory Protection

Use respiratory protection compliant with appropriate EU standard.

8.2.1b



Hand Protection

Hand protection is recommended for prolonged exposure, as good practice wash hands after use

8.2.1c



Eye Protection

Dust tight goggles are recommended. Access to emergency eye-wash is recommended

8.2.1d



Skin protection

Use appropriate closed long sleeved protective clothing. Suitable safety footwear should be used.

8.2.2

Environmental exposure controls

Follow best practice for site management and disposal of waste

9 PHYSICAL AND CHEMICAL PROPERTIES

9.1	Appearance	Granulated limestones are spherical particulate solids Solids can vary in shade from cream to brown
	Odour	slight
9.2	Physical data	
	pH	7 to 8 in aqueous solution
	Solubility	Slight (~0.1 to 1.0 g in 100 ml water), freely soluble in acid conditions
	Boiling/Melting point	Decomposition at >580 °C to CaO/MgO and water
	Flammability	Not flammable
	Explosive properties	Not explosive
	Particle size	Granulated pellet size : ∅ typically 2 to 5 mm Constituent particulate size: approximately 5 µm to 125 µm
	Density (dry)	up to 1.3 tonne m ⁻³

10 STABILITY AND REACTIVITY

	Stability	Stable under normal conditions of use and storage (see section 7).
10.1	Conditions to avoid	Keep material clean and dry
10.2	Materials to avoid	Acid, oxidizing agents, aluminium
10.3	Hazardous decomposition products	
	Decomposition	When heated in excess of 580 °C calcium oxide / magnesium oxide may be formed When heated in excess of 825 °C oxide fumes and carbon dioxide are liberated.

11 TOXICOLOGICAL INFORMATION**11.1 Acute effects**

Eye contact	Direct contact with product may cause corneal damage by mechanical abrasion, inflammation or irritation.
Skin contact	Exposure to product may cause cracking or drying of the skin.
Ingestion	Large quantities may cause irritation to the gastrointestinal tract.
Inhalation (dust)	May irritate the respiratory tract, coughing, sneezing and shortness of breath may occur following exposure to levels in excess of occupational exposure limits

11.2 Chronic effects

Inhalation	Chronic exposure in excess of occupational exposure limits may cause damage to the respiratory tract.
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12 ECOLOGICAL INFORMATION

- 12.1 Ecotoxicity** The product is not hazardous to the environment under normal conditions of use. Naturally occurring product widely used in agriculture.
- 12.2 Mobility** Not expected to transport to groundwater in case of spill, dust may become airborne.
- 12.3 Persistence and degradability**
Inorganic material : no adverse effect.

13 DISPOSAL CONSIDERATIONS

Dispose of waste material and empty packaging at a waste disposal facility authorised to accept such waste in accordance with local and national regulations.

14 TRANSPORT INFORMATION

Classification Not classified as hazardous for air, sea or road freight.
No special precautions apply, refer to section 8

15 REGULATORY INFORMATION

- 15.1 Classification** not classified Regulation (EC) No. 1272/2008.

16 OTHER INFORMATION**16.1 Hazard Statements**

None

16.2 Precautionary Statements

P102 Keep out of reach of children
P261 Avoid breathing dust
P281 Use personal protective equipment as required
P337+P313 If eye irritation persists: get medical advice

16.3 Further information

For technical advice contact technical sales : Tel **+44 (0)28 2826 0766**
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16.4 Guidance and reference

Classification according to Regulation (EC) No 1272/2008

This data sheet is supplementary to other technical instruction and guidance and does not replace them.

This information is based on data currently available and is correct to the best of our knowledge at the time of publication. This information is given as guidance in assessing safe handling, storage, and use. Recipients of the product must take responsibility for the safe use and disposal of product observing existing laws, regulations and accepted best working practice.

16.5 Revision

Last revision: September 2016