LIMESTONE, DOLOMITIC LIMESTONE

1. Identification

Name on label:	**Dolomite, Limestone aggregate, Filla Products**
Company Address:	**P.O. Box 400, Vredendal, 8160**
Emergency Telephone No:	**(27) (027) 21 33090**

2. Composition / Information on Ingredients

Composition:	A substance; Calcium Magnesium Carbonate $Ca(Mg)CO_3$ CAS No: 1317-65-3
Appearance:	White, grey or yellowish crystalline powder

3. Hazards Identification

An irritant as a result of mechanical abrasion.
Non toxic.
Reacts violently with strong acids and oxidising agents.

4. First Aid Measures:

Specific Immediate Treatment:

Inhalation:	Move to a well-ventilated place. Dust in throat and nasal passages should clear spontaneously.
Skin Contact:	Wash with soap and water.
Eye Contact:	Immediately flush eyes with water. Do not attempt to physically remove particles.
Ingestion:	Non-toxic. May flush mouth and throat by drinking water.

Further Professional Medical Assistance
Contact a physician if irritation persists or later develops.

5. Fire Fighting

Auto-ignition Temp: N/A **Flash Point:** N/A **LEL:** N/A **UEL:**N/A
Calcium and Magnesium Carbonates are non-combustible.
Extinguished media: To be determined by surrounding materials.

6. Accidental Release

Precautions:	Avoid inhaling dust and eye contact.
Cleaning up:	Shovel into suitable containers for re-use or disposal.

7. Handling and Storage

Handling:
Control dust formation. Avoid contact with eyes.
Storage:
Store away from acids and strong oxidizing agents.

8. Exposure

TWA OEL-RL: 10mg/m^3 **Short term OEL-RL:**20mg/m^3

Regulations for Hazardous Chemical Substances, OHS Act, 1993

Respiratory protection and safety goggles are required in dusty conditions.

9. Physical and Chemical Properties

Appearance:	White or grey, odorless and tasteless crystalline lumps
Melting point:	>1400 ºC. Decomposes at 730-830 ºC
pH:	8 to 9 in water
Solubility:	<0.32% in water at pH7
Specific gravity:	2.6

10. Stability and Reactivity:

Stable

Hazardous decomposition products: None

Hazardous reactions: Incompatible with acids, fluorine, ammonium salts, and alum.

11. Toxicology

Inhalation:	Dust may irritate the nose, throat and respiratory tract by mechanical abrasion. Coughing, sneezing and shortness of breath may occur following exposures in excess of appropriate exposure limits.
Skin Contact:	Direct contact may cause irritation by mechanical abrasion.
Eye Contact:	Direct contact with dust may cause irritation by mechanical abrasion.
Ingestion:	Expected to be practically non-toxic. Ingestion of large amounts may cause gastrointestinal irritation and blockage.
Long Term Exposure:	May cause dermatitis.

12. Ecology

Widely used as agricultural lime for neutralization of acidic soils conditions. Naturally occurring mineral.

13. Disposal

Disposal should be in accordance with local, provincial or national legislation. Bury on an authorized landfill site.

14. Transport

CAS No.:	1317-65-3
	Non-hazardous for air, sea and road freight

15. Regulations:

Users should ensure that they comply with any relevant local, provincial or national legislation

16 Other:

All information is given in good faith but without guarantee in respect of accuracy, and no responsibility is accepted for errors or omissions or the consequences thereof. It is the user's obligation to determine the conditions of safe use of the material.