

# Ground Limestone

Material Safety Datasheet: DQ13 Issue 01/09



Glendinning

It is important that you or those working for you familiarise themselves with the information supplied on this Datasheet before handling, using or disposing of the product.

## Identification of Substance & Company

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Product: Ground Limestone

Document: DQ13 Issue 01/09

## Physical and Chemical Characteristics

Ground Limestone is principally used in horticultural and agricultural applications where the preparation or maintenance of a soil's acidity (pH value) is desirable and is manufactured by grinding of crushed limestone aggregate until it is a fine dust.

### Chemical Analysis

Calcium Oxide CaO	49.93%
Magnesium Oxide MgO	3.28%
Silica SiO <sub>2</sub>	1.10%
Alumina Al <sub>2</sub> O <sub>3</sub>	0.56%
Iron Oxide Fe <sub>2</sub> O <sub>3</sub>	0.37%
Loss on Ignition	43.00%
Trace minerals	1.76%

## Hazards

- If inhaled in excessive quantities over extended periods, respirable dust containing quartz can constitute a long term health hazard and may cause the development of silicosis or lung cancer.

## Emergency Action – First Aid

### Eye Contact

1. On contact with Ground Limestone dust irrigate immediately with copious amounts of clean water. Seek immediate medical attention.

### Skin Contact

1. On contact with Ground Limestone dust immediately wash with copious amounts of clean water and soap. Clothing contaminated by Ground Limestone dust should be removed and washed thoroughly before use. If irritation occurs seek medical attention.

### Inhalation

1. If ground Limestone dust is inhaled move the affected person into fresh air. If breathing problems persist seek medical attention.

### Ingestion

1. If ingestion of Ground Limestone dust occurs and causes irritation seek medical attention.

## Precautions

The following precautions should always be taken:

- Avoid inhalation of dust and direct contact to eyes.

## Protective Clothing

Minimise personal contact by use of appropriate protection such as goggles, overalls, boots and gloves. When airborne dust is present in excess of the Occupational Exposure Standard, respiratory protective equipment to EN 149 should be worn.

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## Transportation and Waste Disposal

The carriage of Ground Limestone is not subjected to hazardous substance conveyance regulations and vehicle labelling is not required.

Unused hardened concrete or screeds are inert but should be disposed of in accordance with local authority requirements. Keep out of the reach of children.

## Storage

Storage should be restricted to enclosed containers or silos fitted with suitable filtration systems or in sealed bags.

## Guidance

- EH40 – For detailed guidance on workplace exposure levels to constituent substances reference should be made to EH40 (HSE Guidance Note)

## Notes

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