

# GROUND LIMESTONE

Material Safety Datasheet: DQ13 Issue 01/09



**Glendinning**  
QUARRY & CONCRETE PRODUCTS

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

Company: E & JW Glendinning Limited  
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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

The purpose of this datasheet is to provide Health, Safety and Environmental guidance on the safe handling, use and disposal of Ground Limestone supplied by E & JW Glendinning Limited. The information contained in this datasheet is correct at the date of writing, and applies only in relation to the supply of material referred to in the delivery docket to which this datasheet is attached and forms part. This datasheet should alert purchasers and/or users to the usual hazards in handling the supplied material when using it within the ordinary range of uses for which such material is normally supplied.

If you have purchased or arranged the supply on behalf of a third party who will work with the material supplied it is your duty to pass this information on to them BEFORE such work commences. For the avoidance of doubt the datasheet DOES NOT constitute the user's own assessment of workplace risk as may be required by other safety legislation and nothing herein shall be construed or relied upon as relieving the purchaser, user or any intermediate supplier or third party from any statutory or other legal duty which may apply to them or from taking care or precautions to protect themselves or others to whom they owe a duty of care.

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