



MATERIAL SAFETY DATA SHEET

Section I - Product Identification

The Espoma Company
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Millville, NJ 08332

Emergency Telephone: 1-800-634-0603

Chemical Name: Limestone
Chemical Family: Calcium Carbonate; Dolomite; Marble;
Dolomitic Limestone
Chemical Formula: CaCO_3 , CaMgCO_3

CAS NUMBER: 1317-65-3

Trade Name: Espoma Garden Lime

Section II - HAZARDOUS Ingredients Information

Hazardous Materials Identification System

| | |
|---------------------|---|
| Health Hazard | 1 |
| Flammability Hazard | 0 |
| Reactivity Hazard | 0 |
| Personal Protection | E |

Hazard Index = 0 Minimal, 1 slight

Personal Protection === safety glasses, gloves, dust respirator

| <u>Hazardous Ingredients</u> | <u>TLV (Mg/M)</u> |
|------------------------------|-------------------|
|------------------------------|-------------------|

| | |
|----------------|-----------------------|
| Silica, Quartz | 0.1 (respirable Dust) |
| Limestone Dust | 10 (nuisance dust) |

This natural product may contain variable amounts of crystalline silica (Quartz), sometimes in quantities greater than 0.1%.

Section III - Physical/Chemical Characteristics

Appearance and odor = powder or granules; buff color; no odor.

| | |
|-----------------------|-------------------------|
| Boiling Point = N/A | Specific Gravity = 2.84 |
| Vapor Pressur === N/A | Evaporation Rate = N/A |
| Vapor Density === N/A | Melting Point = N/A |
| Non Soluble in water | |

Section IV - Fire and Explosion Hazard Data

Flash Point = N/A
Flammable Limits = N/A
Fire Extinguishing Media = N/A
Special Fire Fighting Procedures = None

Section V - Reactive Data

This material is stable.
Incompatibility: Reacts with strong acids to liberate carbon dioxide.
This material will not polymerize.
Hazardous Decomposition By-products: None

Section VI - Health Hazard Data

Limestone, the product itself, is not listed by the National Toxicology Program (NTP), the International Agency for Research on Cancer (IARC), or the Occupational Safety and Health Administration (OSHA) as a carcinogen. There are no reported health effects associated with prolonged exposure to pure limestone.

This product contains variable quantities of crystalline silica (quartz), which is considered a hazard by inhalation. IARC has classified crystalline silica (more than 0.1%) as probably carcinogenic for humans (2A). This classification is based on the findings of laboratory animal studies that were considered to provide sufficient evidence and data from human epidemiological studies that were considered to provide limited evidence for carcinogenicity. Crystalline silica is also a known cause of silicosis, a noncancerous lung disease.

NTP and OSHA have not classified crystalline silica as a carcinogen.

Exposure

Inhalation: Can be irritating to the respiratory tract.
Eye Contact: Mild irritation.
Skin Contact: No effect.
Ingestion: Minimal effect.

First Aid

Inhalation: Remove from area of exposure and to fresh air area.
Eye Contact: Flush eyes with water for 10 minutes. If irritation persists, obtain medical attention.
Skin Contact: Wash from skin with mild soap and water.
Ingestion: Ingestion should not cause any significant health problems.

Section VII - Spill or Leak Procedure

Spill or Leak: Respiratory protection should be worn during clean up to protect from airborne dust. Measures should be taken to reduce airborne dust during clean up.

Waste Disposal: Shovel up material and dispose of in landfill. Comply with applicable federal, state, and local regulations.

Section VIII - Special Protection

Respiratory Protection: NIOSH/OSHA/MSHA approved dust respirator if TLV is exceeded.

Ventilation: Local exhaust: As required for dust to maintain airborne dust below the TLV.

Mechanical: As required for dust.

Eye Protection: Safety glasses or goggles.

Special Protection: None required.

The Espoma Company has compiled the information and recommendations contained in this Material Safety Data Sheet from sources believed to be reliable and to represent the most reasonable current opinion on the subject when the MSDS was prepared. No warranty, guarantee or representation is made as to the correctness or sufficiency of the information. The user of this product must decide what safety measures are necessary to safely use this product, either alone or in combination with other products, and determine its environmental regulatory compliance obligations under any applicable Federal or State laws.