



Safety Data Sheet

Section 1 Identification

Product Name: Greenacres Dolomite Lime

Recommended Use: Soil Amendment

Not recommended: Use only as directed

Manufacturer: Greenacres Gypsum & Lime, Inc.
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Date of Preparation: January 1, 2016

Section 2 Hazard Identification

Classification: Not classified as hazardous

Labeling: None required

Section 3 Composition / Information On Ingredients

Chemical Name	CAS No.	Concentration
Dolomite Lime	16389-88-1	100%

Section 4 First-Aid Measures

Inhalation: If irritation develops, remove to fresh air. Get medical attention if irritation persists.

Skin contact: First aid is not usually required. Wash skin with soap and water. Seek medical attention if irritation develops or persists. Contaminated clothing should be removed and cleaned before it is worn again.

Eye contact: Flush with water to ensure a thorough rinsing. Seek medical attention if irritation persists.

Ingestion: Rinse mouth with water. Do not induce vomiting unless directed to do so by medical personnel. Seek medical attention if a large quantity is ingested.

Most important symptoms/effects, acute and delayed: Dust may cause eye and skin irritation. Inhalation of dust may cause respiratory irritation, coughing and difficulty breathing.

Indication of immediate medical attention and special treatment, if necessary: None required under normal use of product.

Section 5 Fire-Fighting Measures

Suitable (and unsuitable) extinguishing media: Use media appropriate for the surrounding fire.

Specific hazards arising from the chemical: Not flammable or combustible

Special protective equipment and precautions for fire-fighters: Fire fighters should wear positive pressure self-contained breathing apparatus and full protective clothing.

Section 6 Accidental Release Measures

Personal precautions, protective equipment, and emergency procedures: Wear appropriate clothing and equipment. Avoid creating and breathing dust.

Environmental Hazards: Report releases as required by local and federal authorities.

Methods and materials for containment and cleaning up: Collect materials and place in appropriate container for use or disposal.

Section 7 Handling and Storage

Precautions for safe handling: Avoid contact with eyes, skin and clothing. Do not breathe dust. Wear appropriate clothing and equipment as described in Section 8 Exposure Controls / Personal Protection. Wash thoroughly with soap and water.

Conditions for safe storage, including any incompatibilities: Store in a dry well-ventilated area. Protect finished material from damage.

Section 8 Exposure Controls / Personal Precautions

Exposure guidelines:

Dolomite Lime	5 mg/m ³ TWA OSHA PEL (respirable) 10 mg/m ³ TWA OSHA PEL (total dust)
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Appropriate engineering controls:

Engineering controls: Use with adequate general or local exhaust ventilation to maintain exposure below occupational exposure limits.

Individual protection measures, such as personal protective equipment:

Respiratory protection: If the exposure limits are exceeded a NIOSH approved particulate respirator appropriate for the form and concentration of the contaminants should be used. Selection and use of respiratory equipment must be in accordance with OSH 1910.134 or other applicable regulations and good industrial hygiene practices.

Skin protection: Abrasive resistant gloves are recommended if needed to avoid skin contact.

Eye protection: Chemical safety glasses are recommended if needed to avoid eye contact.

Other: None required.

Section 9 Physical and Chemical Properties

Appearance: White to Off White Powder

Odor: Odorless

Odor threshold: Not applicable	pH: 8-9
Melting Point/Freezing Point: 1517°F	Boiling Point: Not applicable
Flash Point: Not applicable	Evaporation rate: Not applicable
Flammability (solid, gas):	
Flammable Limits: LEL: Not applicable	UEL: Not applicable
Vapor Pressure: Not applicable	Vapor Density: Not applicable
Relative density: 2.5	Solubility in Water: Slightly (2.5%)
Partition coefficient: n-ctanol/water: N/A	Auto-ignition temperature: N/A
Decomposition Temperature: Not Available	Viscosity: Not applicable

Section 10 Stability and Reactivity

Reactivity: Reacts with acids to form CO₂.

Chemical stability: Stable under normal conditions

Possibility of hazardous reactions: Dolomite decomposes at 730°C / 1,346°F to produce calcium + magnesium oxide and CO

Incompatible materials: Dolomite should not be mixed or stored with the following materials, due to the potential for vigorous reaction and release of heat: Fluorine, Ammonium Salts, Aluminum, Hydrogen, Magnesium, or Acids.

Section 11 Toxicology Information

Likely routes of exposure:

Inhalation: Inhalation of dust may cause irritation to nose, throat and upper respiratory tract resulting in coughing and shortness of breath.

Ingestion: Not expected to produce adverse effects.

Skin contact: Prolonged skin contact may result in dryness, irritation and abrasions.

Eye contact: Dust may cause irritation, tearing and discomfort.

Chronic effects: None known

Germ Cell Mutagenicity: This product is not expected to cause germ cell mutagenicity.

Developmental / Reproductive Toxicity: This product is not expected to cause adverse effects on reproduction or normal development.

Carcinogenicity: None of the components are listed as carcinogens by the IARC, OSHA or NTP.

Acute Toxicity Values:

Dolomite Lime: Oral rate LD50>6450 mg/kg Dolomite is not listed by MSHA, OSHA, or IARC as a carcinogen, but this product may contain trace amounts of crystalline silica, which has been classified by IARC as carcinogenic to humans when inhaled in the form of quartz or cristobalite.

Sodium Montmorillonite: No toxicity data available

Calcium Lignosulfonate: No toxicity data available

Section 12 Ecological Information

Ecotoxicity:

Dolomite Lime: No Data Available

Persistence and degradability: Biodegradation is not applicable for inorganic substances.

Bioaccumulative potential: This product is not expected to bioaccumulate.

Mobility in soil: Not data available

Other adverse effects: None known

Section 13 Disposal Considerations

Dispose in accordance with all local, state and federal regulations.

Section 14 Transport Information

	UN Number	Proper shipping name	Hazard Class	Packing Group	Environmental Hazard
DOT		Not Regulated			
TDG		Not Regulated			
IMDG		Not Regulated			
IATA		Not Regulated			

Transport in bulk (according to Annex II of MARPOL 73/78 and IBC Code): N/A

Special Precautions: None known

Section 15 Regulatory Information

Safety, health and environmental regulations specific for the product in question.

CERCLA Section 103: This product is no subject to CERCLA spill reporting requirements. Many states have more stringent release reporting requirements. Reports spills as required by local, state and federal regulations.

SARA Hazard Category (311/312): Not Applicable

EPA SARA 313: This product contains no chemicals subject to Annual Release Reporting Requirements under SARA Title III, Section 313 (40 CFR 372)

US TSCA: Not Applicable

California Proposition 65: Not Applicable

CANADA:

Canadian CEPA: All components are exempt

Canadian WHMIS: Not Applicable

Section 16 Other Information

Prepared 01/01/2016

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