



MATERIAL SAFETY DATA SHEET

SECTION 1 – CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT IDENTIFIER		SUPER GREEN DOLOMITIC LIME					
PRODUCT USE		Soil amendment					
MANUFACTURERS NAME		Greenstar Plant Products Inc.		SUPPLIERS NAME			
STREET ADDRESS		#284-505-8840 210 th STREET		STREET ADDRESS			
CITY	Langley	PROVINCE	BC	CITY		PROVINCE	
POSTAL CODE	V1M 2Y2	EMERGENCY TELEPHONE	604-882-7699	POSTAL CODE		EMERGENCY TELEPHONE	
DATE	April 14, 2016	PREPARED BY	Greenstar Plant Products Inc.			PHONE NUMBER	

SECTION 2 – COMPOSITION/INFORMATION ON INGREDIENTS

PRODUCT INGREDIENTS	CAS
Dolomite (Calcium magnesium carbonate)	16389-88-1

SECTION 3 – HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW	
Dolomite dust may cause irritation to the eyes, and respiratory system.	
EFFECTS OF ACUTE EXPOSURE TO PRODUCT	
EYE CONTACT	Dust may cause immediate or delayed irritation or inflammation.
SKIN CONTACT	May cause skin irritation
INHALATION	High concentrations of dust may cause irritation of the nose, throat and respiratory tract.
INGESTION	Do not ingest. Although ingestion of small quantities of dolomite are not known to be harmful, ingestion of large quantities may be harmful.
EFFECTS OF CHRONIC EXPOSURE TO PRODUCT	
Long-term exposure to high concentrations of dust may cause increased mucous flow in the nose and airways or aggravate existing respiratory conditions such as chronic bronchitis or asthma in susceptible individuals. May contain a small percentage of quartz (crystalline silica) which is known to cause lung damage (silicosis and/or cancer) with prolonged or repeated exposure.	

SECTION 4 – FIRST AID MEASURES

EYE CONTACT	Effects may be delayed. Do not allow victim to rub eyes. Immediately flush eyes with gently flowing water for 20 minutes while holding eyelids open. Seek medical attention if irritation persists or later develops.
SKIN CONTACT	Wash skin with soap and water and rinse thoroughly. If irritation persists seek medical advice
INHALATION	If symptoms occur, remove victim to fresh air. If symptoms persist, seek medical attention



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INGESTION	Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If person is alert and conscious, have them drink 1-2 glasses of water and seek immediate medical attention.
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SECTION 5 – FIRE FIGHTING MEASURES

FLAMMABLE	Does not burn or support combustion.				
MEANS OF EXTINCTION	Use media appropriate for the surrounding fire				
FLASHPOINT & METHOD	Not applicable	UPPER FLAMMABLE LIMIT	Not applicable	LOWER FLAMMABILITY LIMIT	Not applicable
AUTO IGNITION TEMPERATURE	Not applicable	SENSITIVITY TO IMPACT	Not applicable	SENSITIVITY TO STATIC DISCHARGE	Insufficient information
HAZARDOUS COMBUSTION PRODUCTS	Dolomite decomposes at 825°C producing corrosive calcium and magnesium oxides.				

SECTION 6 – ACCIDENTAL RELEASE MEASURES

LEAK & SPILL PROCEDURES	Wear personal protective equipment outlined in SECTION 8. To avoid creating dust, either use a vacuum with a HEPA filter or dampen material and shovel into clean containers. Flush area with water after clean-up.
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SECTION 7 – HANDLING AND STORAGE

HANDLING	Handle in a way to minimize dust. Avoid generation and accumulation of dust. Avoid contact with eyes and skin. Avoid breathing dust. Wear appropriate respiratory protection when handling this material.
STORAGE	Store in a cool, dry well ventilated area way from incompatibles.

SECTION 8 – EXPOSURE CONTROL / PERSONAL PROTECTION

EXPOSURE LIMITS	DOLOMITE: Exposure limits not available.
ENGINEERING CONTROLS	If there is a potential for dust generation, use adequate ventilation (such local or general exhaust) to keep airborne dust levels below exposure limits. Regular jobsite air monitoring should be conducted to determine actual airborne dust values.
PERSONAL PROTECTIVE EQUIPMENT	
RESPIRATORY PROTECTION	Wear an NIOSH-approved respirator in dusty or poorly ventilated areas and if exposure limits are exceeded.
EYE PROTECTION	Wear tightly fitting safety glasses or goggles to keep particles from entering eyes.
SKIN PROTECTION	Wear gloves and protective clothing to prevent repeated or prolonged skin contact

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SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE	Solid	APPEARANCE	powder	COLOUR	Off-white
EVAPORATION RATE	Not applicable	SPECIFIC GRAVITY	2.9 at 20°C	ODOUR	Not available
PH	9 (1% soln / water)	SOLUBILITY IN WATER	low solubility	ODOUR THRESHHOLD	Not available

SECTION 10 – STABILITY AND REACTIVITY

CHEMICAL STABILITY	Stable. Avoid contact with incompatible materials
INCOMPATIBILITY WITH OTHER SUBSTANCES	Incompatible with acids. The silicates in the dolomite may react with strong oxidizers.
HAZARDOUS DECOMPOSITION PRODUCTS	Dolomite decomposes at 825°C producing corrosive calcium and magnesium oxide.

SECTION 11 – TOXICOLOGICAL INFORMATION

ACUTE TOXICITY	Not available
CHRONIC TOXICITY	May contain a small percentage of naturally occurring crystalline silica, a known carcinogen. Prolonged and repeated exposure to free respirable silica can result in silicosis or lung cancer. The risk of developing silicosis is dependent on the intensity and duration of exposure to the product.
IRRITANCY OF PRODUCT	Can be irritating to eyes, skin and respiratory system
RESPIRATORY SENSITIZATION	Not available
SKIN SENSITIZATION	Not available
CARCINOGENICITY	None of the ingredients are listed as carcinogens by NTP, IARC or ACGIH however may contain trace amounts of crystalline silica (quartz), a known carcinogen.
REPRODUCTIVE TOXICITY	Not available

SECTION 12 – ECOLOGICAL INFORMATION

ECOTOXICITY	This product is used to raise soil pH. Large spills may harm or kill vegetation, or cause damage to aquatic organisms.
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SECTION 13 – DISPOSAL CONSIDERATIONS

WASTE DISPOSAL	Reuse clean materials. Dispose of waste materials in accordance with federal, provincial and municipal regulations.
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SECTION 14 - TRANSPORT INFORMATION

SHIPPING	TDG: Not classified as hazardous material DOT: Not classified as hazardous material
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SECTION 15 - REGULATORY INFORMATION

WHMIS: Not a WHMIS controlled substance

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all of the information required by CPR

SECTION 16 - OTHER INFORMATION

As of the date of this document, the foregoing information is believed to be accurate and is provided in good faith to comply with applicable laws. However, no warranty or representation of law or fact, with respect to such information is intended or given.