



MATERIAL SAFETY DATA SHEET

SECTION 1 – CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT IDENTIFIER		SUPER GREEN BONE MEAL 4-10-0					
PRODUCT USE		Plant fertilizer					
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
Bone meal	68409-75-6

SECTION 3 – HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW	
Combustible when subject to heat. The dust, when mixed with air, can form an explosive mixture. May cause eye and respiratory tract irritation.	
EFFECTS OF ACUTE EXPOSURE TO PRODUCT	
EYE CONTACT	May cause eye irritation
SKIN CONTACT	Prolonged contact may cause skin irritation
INHALATION	Dust may cause respiratory irritation and may aggravate asthma symptoms in susceptible individuals
INGESTION	May cause digestive tract upset

SECTION 4 – FIRST AID MEASURES

EYE CONTACT	Flush with a large gentle stream of water for 15 minutes while holding eyelids open. Seek medical attention if irritation persists
SKIN CONTACT	Wash thoroughly with soap and water. Rinse well. Seek medical attention if irritation persists.
INHALATION	Move victim to fresh air. Seek medical attention if irritation persists
INGESTION	DO NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, seek immediate medical attention.



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SECTION 5 – FIRE FIGHTING MEASURES

FLAMMABLE	May be combustible at high temperatures. Dust clouds may be explosive.				
MEANS OF EXTINCTION	Use methods appropriate for surrounding fire				
FLASHPOINT & METHOD	> 93.3°C (200°F) closed cup	UPPER FLAMMABLE LIMIT	Not available	LOWER FLAMMABILITY LIMIT	Not available
AUTO IGNITION TEMPERATURE	Not available	SENSITIVITY TO IMPACT	Not available	SENSITIVITY TO STATIC DISCHARGE	Not available
HAZARDOUS COMBUSTION PRODUCTS	Ammonia and oxides of nitrogen, carbon and phosphorus.				

SECTION 6 – ACCIDENTAL RELEASE MEASURES

LEAK & SPILL PROCEDURES	Sweep or shovel spilled material and transfer into clean container for disposal. Avoid creating dust. After cleanup, flush area with water.
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SECTION 7 – HANDLING AND STORAGE

HANDLING	Use Personal Protective equipment outlined in SECTION 8 when handling this product. Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. DO NOT SMOKE. Keep away from sources of heat or ignition. Avoid the creation of dust clouds.
STORAGE	Store in tightly closed containers in a cool dry place away from food.

SECTION 8 – EXPOSURE CONTROL / PERSONAL PROTECTION

EXPOSURE LIMITS	No specific recommendations. Particles Not Otherwise Regulated / OSHA Nuisance Dust Limit of 15 mg/M3 (total) and 5 mg/M3 (respirable) and ACGIH Nuisance Dust Limit of 10 mg/M3 (inhalable) and 3 mg/M3 (respirable), may apply to this product
ENGINEERING CONTROLS	Use process enclosures, local exhaust ventilation or other engineering controls to keep airborne dust levels below exposure limits.

PERSONAL PROTECTIVE EQUIPMENT

Use neoprene gloves and goggles with side shields. Use a NIOSH dust respirator if there is a potential for airborne dust.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE	Solid	APPEARANCE	Powder	COLOUR	Off white
EVAPORATION RATE	Not applicable	SPECIFIC GRAVITY	60 lb / cu ft (bulk density)	ODOUR	Not available
PH	Not available	SOLUBILITY IN WATER	Partly soluble in water	ODOUR THRESHHOLD	Not available



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SECTION 10 – STABILITY AND REACTIVITY

CHEMICAL STABILITY	Stable under normal conditions of use
INCOMPATIBILITY WITH OTHER SUBSTANCES	Incompatible with oxidizing materials and acids.
HAZARDOUS DECOMPOSITION PRODUCTS	Not available

SECTION 11 – TOXICOLOGICAL INFORMATION

ACUTE TOXICITY	LD ₅₀ & LC ₅₀ not available
CHRONIC TOXICITY	Not available
IRRITANCY OF PRODUCT	Dust can be irritating to eyes, respiratory tract and mucous membranes.
SENSITIZATION	Not available
CARCINOGENICITY	Not available
REPRODUCTIVE TOXICITY	Not available
MUTAGENICITY	Not available

SECTION 12 – ECOLOGICAL INFORMATION

ECOTOXICITY	Product is biodegradable. The ingredient in this product is a crop nutrient. Large spills may harm or kill vegetation, cause damage to aquatic organisms and / or foster excessive algae growth in water systems.
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SECTION 13 – DISPOSAL CONSIDERATIONS

WASTE DISPOSAL	Dispose of in accordance with Federal, Provincial and municipal regulations.
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SECTION 14 – TRANSPORT INFORMATION

SHIPPING	TDG: Not regulated DOT: Not regulated
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SECTION 15 – REGULATORY INFORMATION

WHMIS: Does not meet criteria
<i>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</i>

SECTION 16 – OTHER INFORMATION

<i>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</i>



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