



MATERIAL SAFETY DATA SHEET

SECTION 1 – CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT IDENTIFIER		CARBO-MAX					
PRODUCT USE		Horticulture					
MANUFACTURERS NAME		Greenstar Plant Products Inc.		SUPPLIERS NAME			
STREET ADDRESS		9430 198 th Street		STREET ADDRESS			
CITY	Langley	PROVINCE	BC	CITY		PROVINCE	
POSTAL CODE	V1M 3C8	EMERGENCY TELEPHONE	604-882-7699	POSTAL CODE		EMERGENCY TELEPHONE	
DATE	Aug 30, 2013	PREPARED BY	Greenstar Plant Products Inc.			PHONE NUMBER	

SECTION 2 – COMPOSITION/INFORMATION ON INGREDIENTS

PRODUCT INGREDIENTS	CAS	EINECS / ELINCS
Cerelose-Dextrose	50-99-7	200-075-1

SECTION 3 – HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW	
May cause eye, nose, throat and upper respiratory tract irritation. Airborne dusts have potential to be explosive.	
EFFECTS OF ACUTE EXPOSURE TO PRODUCT	
EYE CONTACT	May cause mild eye irritation
SKIN CONTACT	Skin contact not known to be hazardous
INHALATION	May cause nose, throat and respiratory tract irritation. The toxicological properties of this substance have not been fully investigated.
INGESTION	Ingestion of large quantities may cause digestive tract irritation. The toxicological properties of this substance have not been fully investigated.

SECTION 4 – FIRST AID MEASURES

EYE CONTACT	Flush eyes with a gentle but large stream of water for at least 15 minutes while holding the upper and lower eye lids open. Seek medical attention if irritation occurs.
SKIN CONTACT	Wash skin with soap and rinse with plenty of water. Seek medical attention if irritation occurs
INHALATION	Move victim to fresh air. Seek medical attention if symptoms persist
INGESTION	Never give anything by mouth to an unconscious person. Rinse mouth with water. Seek medical attention



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SECTION 5 – FIRE FIGHTING MEASURES

FLAMMABLE	Combustible. Dust clouds of this product have the potential to be explosive. Ignition can be caused by sparks, open flames or static electricity. The conditions under which this may occur are unpredictable				
MEANS OF EXTINCTION	Use appropriate media for the surrounding fire				
FLASHPOINT & METHOD	NAV	UPPER FLAMMABLE LIMIT	NAV	LOWER FLAMMABILITY LIMIT	NAV
AUTO IGNITION TEMPERATURE	NAV	SENSITIVITY TO IMPACT	NAV	SENSITIVITY TO STATIC DISCHARGE	Static discharge may explode airborne dust
HAZARDOUS COMBUSTION PRODUCTS	Carbon monoxide, carbon dioxide, irritant gases				

SECTION 6 – ACCIDENTAL RELEASE MEASURES

LEAK & SPILL PROCEDURES	Eliminate sources of ignition and static charge. Wear Personal Protective Equipment outlined in SECTION 8. Dry-sweep material taking care to minimize dust creation. Place in clean containers for future disposal.
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SECTION 7 – HANDLING AND STORAGE

HANDLING	Wear Personal Protective Equipment outlined in SECTION 8. Minimize dust generation and accumulation; do not inhale. Use with adequate ventilation
STORAGE	Store in a cool dry place away from sources of ignition and incompatible materials.

SECTION 8 – EXPOSURE CONTROL / PERSONAL PROTECTION

EXPOSURE LIMITS	<p>ACGIH TLV's as Particulates Not Otherwise Classified: 10 mg/m³ (inhalable fraction) 3 mg/m³ (respirable fraction)</p> <p>OSHA PEL's as Particulates Not Otherwise Regulated: 15 mg/m³ (total dust) 5 mg/m³ (respirable fraction)</p>
ENGINEERING CONTROLS	Use a system of local and/or general exhaust to reduce the risk of dust clouds and to keep dust levels below exposure limits

PERSONAL PROTECTIVE EQUIPMENT

Eyes: goggles or safety glasses

Skin: skin protection is not normally required. If desired, cloth or synthetic gloves may be used

Respirator: NIOSH respirator recommended when there is a potential for dust generation.



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SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE	Solid	APPEARANCE	Powder	COLOUR	NAV
EVAPORATION RATE	NAP	SPECIFIC GRAVITY	NAV	ODOUR	None or faint cereal-like odour
DENSITY (WATER = 1)	1.56	SOLUBILITY IN WATER	Soluble	MINIMUM IGNITION TEMPERATURE	460 - 480°C

SECTION 10 – STABILITY AND REACTIVITY

CHEMICAL STABILITY	Stable under normal conditions of temperature and pressure
INCOMPATIBILITY WITH OTHER SUBSTANCES	Mixtures of sodium peroxide and potassium nitrate (Reacts violently), oxidizing agents
HAZARDOUS DECOMPOSITION PRODUCTS	Thermal decomposition products: carbon monoxide, carbon dioxide, & irritant gases

SECTION 11 – TOXICOLOGICAL INFORMATION

ACUTE TOXICITY	LD ₅₀ (oral, rat) 25,800 mg / kg
CHRONIC TOXICITY	NAV
IRRITANCY OF PRODUCT	Mild eye and respiratory irritant
SENSITIZATION	NAV
CARCINOGENICITY	Not listed by ACGIH, IARC, NTP or CA prop 65
DEVELOPMENTAL / REPRODUCTIVE TOXICITY	Craniofacial developmental abnormalities - human (RTECS). Not listed as a developmental toxin by any authoritative body or regulatory agency
MUTAGENICITY	DNA damage to human somatic cells in vitro (RTECS) Mutation to mouse somatic cells in vitro (RTECS) Mutation in microorganisms (RTECS)

SECTION 12 – ECOLOGICAL INFORMATION

ECOTOXICITY	No data available. Biodegradable. Do not release into the environment
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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 for transport DOT: Not regulated for transport
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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.