

## SAFETY DATA SHEET

| SECTION 1: IDENTIFICATION OF THE MIXTURE AND OF THE COMPANY                                                                                                                                                                                         |                                                                                                                                                                                                                                       |                                                          |                          |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|--------------------------|
| <b>Product Identifier</b>                                                                                                                                                                                                                           | <b>GROTEK CARBO-MAX 0-0-1</b>                                                                                                                                                                                                         |                                                          |                          |
| <b>Product Use</b>                                                                                                                                                                                                                                  | Fertilizer                                                                                                                                                                                                                            |                                                          |                          |
| <b>Uses restrictions</b>                                                                                                                                                                                                                            | Do not use for purposes other than those listed on the product label                                                                                                                                                                  |                                                          |                          |
| <b>Manufacturer Information</b>                                                                                                                                                                                                                     | Company Name                                                                                                                                                                                                                          | Greenstar Plant Products Inc.                            |                          |
|                                                                                                                                                                                                                                                     | Address                                                                                                                                                                                                                               | 9430-198 <sup>TH</sup> Street, Langley, BC Canada V1M3C8 |                          |
|                                                                                                                                                                                                                                                     | Phone Number                                                                                                                                                                                                                          | 604-882-7699                                             |                          |
|                                                                                                                                                                                                                                                     | Email                                                                                                                                                                                                                                 | info@getgreenstar.com                                    |                          |
| <b>Emergency Phone Number</b>                                                                                                                                                                                                                       | +1-604-882-7699                                                                                                                                                                                                                       |                                                          |                          |
| SECTION 2: HAZARDS IDENTIFICATION                                                                                                                                                                                                                   |                                                                                                                                                                                                                                       |                                                          |                          |
| GHS CLASSIFICATION                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                       |                                                          |                          |
| <b>HazCom 2012 GHS</b>                                                                                                                                                                                                                              | Not classified as hazardous                                                                                                                                                                                                           |                                                          |                          |
| <b>WHMIS 2015</b>                                                                                                                                                                                                                                   | Not classified as hazardous                                                                                                                                                                                                           |                                                          |                          |
| HAZARD SYMBOL & SIGNAL WORD                                                                                                                                                                                                                         |                                                                                                                                                                                                                                       | HAZARD STATEMENTS                                        | PRECAUTIONARY STATEMENTS |
| Not applicable                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                       | Not applicable                                           | Not applicable           |
| To the current knowledge of the supplier, this product contains no other components or impurities, in the concentrations applicable which are classified as hazardous to health or the environment or influence the classification of this product. |                                                                                                                                                                                                                                       |                                                          |                          |
| <b>Other Hazards</b>                                                                                                                                                                                                                                | Not applicable                                                                                                                                                                                                                        |                                                          |                          |
| SECTION 3: HAZARDOUS INGREDIENTS                                                                                                                                                                                                                    |                                                                                                                                                                                                                                       |                                                          |                          |
| CAS#                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                       | Substance name                                           |                          |
| Not applicable – contains no hazardous ingredients                                                                                                                                                                                                  |                                                                                                                                                                                                                                       | Not applicable – contains no hazardous ingredients       |                          |
| SECTION 4: FIRST AID MEASURES                                                                                                                                                                                                                       |                                                                                                                                                                                                                                       |                                                          |                          |
| <b>EYE CONTACT</b>                                                                                                                                                                                                                                  | Flush eyes with a gentle but large stream of water for a few minutes while holding the upper and lower eye lids open. Remove contact lenses if present and easy to do. Continue flushing. Seek medical attention if irritation occurs |                                                          |                          |
| <b>SKIN CONTACT</b>                                                                                                                                                                                                                                 | Rinse with plenty of water. Seek medical attention if irritation occurs                                                                                                                                                               |                                                          |                          |
| <b>INHALATION</b>                                                                                                                                                                                                                                   | Remove victim to fresh air. Seek medical attention if irritation persists                                                                                                                                                             |                                                          |                          |
| <b>INGESTION</b>                                                                                                                                                                                                                                    | DO NOT INDUCE VOMITING. Rinse mouth with water. Seek medical attention if you feel unwell                                                                                                                                             |                                                          |                          |
| <b>Most important symptoms and effects, both acute and delayed</b>                                                                                                                                                                                  |                                                                                                                                                                                                                                       |                                                          |                          |
| May cause mild eye, respiratory and digestive tract irritation                                                                                                                                                                                      |                                                                                                                                                                                                                                       |                                                          |                          |

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| <b>GROTEK CARBO-MAX 0-0-1</b>                                                     |                                                                                                                                                                                                                                                                                                                                          |
| <b>Indication of any immediate medical attention and special treatment needed</b> |                                                                                                                                                                                                                                                                                                                                          |
| Treat symptomatically.                                                            |                                                                                                                                                                                                                                                                                                                                          |
| <b>Medical Conditions Aggravated by Exposure</b>                                  |                                                                                                                                                                                                                                                                                                                                          |
| Not available                                                                     |                                                                                                                                                                                                                                                                                                                                          |
| <b>SECTION 5: FIRE FIGHTING MEASURES</b>                                          |                                                                                                                                                                                                                                                                                                                                          |
| Flammable                                                                         | Finely dispersed particles of this product can form explosive mixtures in air. Ignition can be caused by sparks, open flames or static electricity. The conditions under which this may occur are unpredictable                                                                                                                          |
| Suitable extinguishing media                                                      | Use an extinguishing agent appropriate for the surrounding fire.                                                                                                                                                                                                                                                                         |
| Unsuitable extinguishing media                                                    | None known                                                                                                                                                                                                                                                                                                                               |
| Hazardous Combustion Products                                                     | Carbon oxides, Hydrogen chloride gas, Potassium oxides                                                                                                                                                                                                                                                                                   |
| <b>Advice for fire-fighters</b>                                                   |                                                                                                                                                                                                                                                                                                                                          |
| Special protective equipment for firefighters                                     | Self-contained breathing apparatus and full protective clothing should be worn when fighting chemical fires                                                                                                                                                                                                                              |
| Special firefighting procedures                                                   | Not available                                                                                                                                                                                                                                                                                                                            |
| <b>SECTION 6: ACCIDENTAL RELEASE MEASURES</b>                                     |                                                                                                                                                                                                                                                                                                                                          |
| SPILL & LEAK PROCEDURES                                                           | Wear personal protection equipment outlined in SECTION 8. Eliminate sources of ignition and static charge. Ventilate area of spill. Dry-sweep material taking care to minimize dust creation. Place in clean containers for future disposal                                                                                              |
| <b>SECTION 7: HANDLING AND STORAGE</b>                                            |                                                                                                                                                                                                                                                                                                                                          |
| Precautions for safe handling                                                     | Wear personal protection equipment outlined in SECTION 8 when handling. Use with adequate ventilation. Minimize dust generation and accumulation; do not inhale dust                                                                                                                                                                     |
| Conditions for safe storage, including incompatibilities                          | Store in tightly closed containers in a cool dry area away from sources of ignition and incompatible materials<br><b>Incompatibles:</b> oxidizing agents, potassium permanganate, sulfuric acid, nitric acid.                                                                                                                            |
| Environmental precautions                                                         | Not available                                                                                                                                                                                                                                                                                                                            |
| <b>SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION</b>                         |                                                                                                                                                                                                                                                                                                                                          |
| <b>Exposure controls</b>                                                          |                                                                                                                                                                                                                                                                                                                                          |
| Occupational exposure limits                                                      | <i>Nuisance Dust:</i><br>ACGIH TLV's as Particulates Not Otherwise Classified: 10 mg/m <sup>3</sup> (inhalable fraction)<br>3 mg/m <sup>3</sup> (respirable fraction)<br><br><i>Nuisance Dust:</i><br>OSHA PEL's as Particulates Not Otherwise Regulated: 15 mg/m <sup>3</sup> (total dust)<br>5 mg/m <sup>3</sup> (respirable fraction) |

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|---------------------------------------------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|---------------------------|-----|
| Recommended monitoring procedures           |               | Monitor workplace air quality to determine the effectiveness of the ventilation or other control measures and / or the necessity to use respiratory protective equipment |               |                           |     |
| Engineering controls                        |               | No specific ventilation requirements. Avoid the generation of dust. Provide appropriate exhaust ventilation at places where dust is formed.                              |               |                           |     |
| Personal protection equipment               |               |                                                                                                                                                                          |               |                           |     |
| Hygiene measures                            |               | Wash hands after handling, before eating, smoking and using the toilet and at the end of the work day.                                                                   |               |                           |     |
| Eye / Face Protection                       |               | Use chemical safety goggles as protection from dust particles                                                                                                            |               |                           |     |
| Skin protection                             |               | Hand protection                                                                                                                                                          |               | Cloth or chemical gloves  |     |
| Respiratory protection                      |               | Avoid breathing dust. NIOSH respirator recommended when there is a potential for dust generation.                                                                        |               |                           |     |
| Environmental exposure controls             |               | Not available. Avoid release to the environment                                                                                                                          |               |                           |     |
| SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES |               |                                                                                                                                                                          |               |                           |     |
| Physical state                              | Powder        | Colour                                                                                                                                                                   | White         | Odour                     | NAV |
| pH                                          | NAV           | Density                                                                                                                                                                  | NAV           | Odour threshold           | NAV |
| Flammability                                | Not flammable | Melting point                                                                                                                                                            | NAV           | Boiling point             | NAV |
| Specific gravity                            | NAV           | Melting point                                                                                                                                                            | NAV           | Decomposition temperature | NAV |
| Viscosity                                   | NAV           | Solubility in water                                                                                                                                                      | Fully soluble | Viscosity                 | NAV |
| SECTION 10: STABILITY AND REACTIVITY        |               |                                                                                                                                                                          |               |                           |     |
| Reactivity                                  |               | Not reactive under normal conditions of use and storage                                                                                                                  |               |                           |     |
| Chemical stability                          |               | Stable under normal conditions of use and storage                                                                                                                        |               |                           |     |
| Possibility of hazardous reactions          |               | Finely dispersed clouds of dust may form explosive mixtures in air                                                                                                       |               |                           |     |
| Conditions to avoid                         |               | The creation of dust                                                                                                                                                     |               |                           |     |
| Incompatibility                             |               | Not available                                                                                                                                                            |               |                           |     |
| Hazardous decomposition products            |               | Carbon dioxide, carbon monoxide, hydrogen chloride gas, potassium oxides                                                                                                 |               |                           |     |

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### **GROTEK CARBO-MAX 0-0-1**

#### **SECTION 11: TOXICOLOGICAL INFORMATION**

##### **Information on Toxicological effects**

|                        |                                                                                                                       |
|------------------------|-----------------------------------------------------------------------------------------------------------------------|
| Acute Toxicity         | Not acutely orally toxic                                                                                              |
| Irritation/ Corrosion  | May be slightly irritating to eyes, and respiratory tract. Large oral doses may cause gastrointestinal upset          |
| Sensitization          | Not a sensitizer                                                                                                      |
| Carcinogenicity        | Ingredients not listed as carcinogens by ACGIH, or IARC                                                               |
| Mutagenicity           | Not available                                                                                                         |
| Reproductive toxicity  | Some evidence of developmental abnormalities in offspring when given orally in second trimester of pregnancy (RTECS). |
| Repeated dose toxicity | Repeated oral doses can cause hyperglycemia, endocrine changes and increases in blood pressure                        |

#### **SECTION 12: ECOLOGICAL INFORMATION**

**Toxicity:** Not available

#### **SECTION 13: DISPOSAL CONSIDERATIONS**

Dispose of this product and / or its container in accordance with Federal, provincial, state and local regulations. Do not allow product to enter sewers or the environment.

#### **SECTION 14: TRANSPORT INFORMATION**

|                 |     |                                    |
|-----------------|-----|------------------------------------|
| <b>SHIPPING</b> | TDG | Not a dangerous good for transport |
|                 | DOT | Not a dangerous good for transport |

#### **SECTION 15: REGULATORY INFORMATION**

This product has been classified in accordance with WHMIS 2015 and OSHA HazCom 2012

DSL: all components of this product are on Canada's DSL list

TSCA: all components of this product are on US EPA's TSCA Chemical Substances Inventory

#### **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

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