

## SAFETY DATA SHEET

### I. IDENTIFICATION

*Identity:* Purple Cow Organics BioActive Supercharger, 8oz Crop  
*Product Use:* Fertilizers and Soil Amendments  
*Restrictions on Use:* Agricultural Use Only

*Manufactured by:* Purple Cow Organics, LLC  
PO Box 620856  
Middleton, WI 53562

*Phone Number:* 608-831-0349  
*Date:* 4/30/2020

### II. HAZARDS IDENTIFICATION

*Hazards Classification:* Not Applicable – This product does not meet the physical, health, or environmental classification criteria of GHS (Global Harmonized System).

*Signal Word:* Caution

*Pictogram:* Health (Blue) 1, Flammability (Red) 0, Reactivity (Yellow) 0, Special (White) ---

*Fire and Explosion:* Not considered flammable or combustible, but this product will burn if involved in a fire.

*Precautionary Statements:* Sensitive individuals should wear protective clothing and avoid inhalation/ingestion.

*Environmental Hazards:* This product is not classified as dangerous to the environment.

### III. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Component</u>	<u>CAS-No.</u>
Dehydrated Seaweed	9005-38-3
Hydrolyzed Soy Meal	68308-36-1
Leonardite Mineraloide	N/A

### IV. FIRST-AID MEASURES

*Route(s) of Entry:*

*Inhalation:* Dust can cause irritation of mucus membrane, sneezing and coughing.

*Skin:* Brief skin contact is not toxic. Repeated or prolonged contact will dehydrate skin.

*Ingestion:* Can cause upper GI tract disturbance.

*Eyes:* Will irritate on contact, wash out quickly.

*Health Hazards (Acute and Chronic):*

<i>Inhalation:</i>	See above
<i>Carcinogenicity:</i>	Ingredient not carcinogenic
<i>NTP:</i>	Not listed
<i>IARC Monographs:</i>	Not listed
<i>OSHA Regulated:</i>	Not hazardous under OSHA Regulations

*Signs and Symptoms of Exposure:* Eye irritation and or sneezing, coughing and difficulty breathing.

*Emergency and First Aid Procedures:*

<i>Eye Contact:</i>	Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelid. Get medical aid immediately. Wash clothing before reuse.
<i>Skin Contact:</i>	Get medical aid, flush skin with plenty of water for at least 15 minutes while removing the contaminated clothing and shoes. Wash clothing before reuse.
<i>Inhalation:</i>	Get medical aid immediately. Move to fresh air. If breathing is difficult, administer oxygen. Consult physician if symptoms occur.
<i>Ingestion:</i>	If victim is conscious and alert, give 2-4 cups of milk or water. More than a mouthful should purge by vomiting, but only if the victim is conscious. Never give anything by mouth to an unconscious person. Get medical aid immediately.

<b>V. FIRE-FIGHTING MEASURES</b>
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General Information: As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion.

<i>Flash Point:</i>	Not Applicable
<i>Flammable Limits:</i>	Smolders when directly heated in flame
<i>Extinguishing Media:</i>	Water, CO <sub>2</sub> , Fire-Extinguishing foam or agent
<i>Special Firefighting Procedures:</i>	No special methods required
<i>Unusual Fire and Explosion Hazards:</i>	Not Applicable/None Known
<i>NFPA Rating (est):</i>	Health (1), Flammability (0), Instability (0)

<b>VI. ACCIDENTAL RELEASE MEASURES</b>
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*Personal Precautions:* Wear protective gear, avoid breathing dust. Contain spill. Avoid making dust when cleaning up. Recover dry product by sweeping to collect. Dispose of properly. Flush area with water to avoid final traces. Recovery of liquid product: use an appropriate absorbent material such as cat litter, sand, or saw dust to absorb product. Dispose of appropriately according to local and state or national regulations.

## VII. HANDLING AND STORAGE

*Precautions in Storing and Handling:* Wash thoroughly after handling. Keep container tightly closed. Keep in a cool, dry, well-ventilated area.

## VIII. CONTROL MEASURES

*Engineering Controls:* Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use adequate ventilation to keep airborne concentrations low.

*Respiratory Protection:* If dusting occurs use approved respirator to eliminate exposure. Follow the OSHA respirator regulations found in 29 CFR 1910.133 or European Standard EN166. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritations or other symptoms are experienced.

*Eyes:* Splash goggles are recommended where dusting is expected. Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1920.133 or European Standard EN166.

*Skin:* Wear appropriate protective gloves to prevent skin exposure. Rubber or plastic.

*Ventilation:* Exhaust fan recommended in controlling any dusting.

*Work Practices:* Use good industrial hygiene practices. Keep containers tightly closed.

*HMIS Code/Personal Spills:* Avoid creating dust when cleaning up. Scoop, shovel or sweep to appropriate containers for recycling/salvage if not contaminated by other material.

*Waste Disposal Method:* Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. Dispose of product in accordance with a local and national regulation.

*Container Disposal:* Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in sanitary landfill.

## IX. PHYSICAL AND CHEMICAL PROPERTIES

*Boiling Point:* Not Applicable  
*Vapor Density:* Not Applicable  
*Vapor Pressure:* Not Applicable  
*Apparent Density:* Not Applicable  
*Evaporation Rate:* Not Applicable  
*Melting Point:* Not Applicable  
*Specific Gravity:* >3000 C  
*pH:* 8-10  
*Solubility in Water:* Highly Soluble in water  
*Appearance:* Black Powder and Pale Powder  
*Odor:* Slight seaweed and soy malty odor

## X. STABILITY AND REACTIVITY

<i>Stability:</i>	Stable at normal temperatures and pressures
<i>Conditions to Avoid:</i>	Incompatible materials, dust generation
<i>Incompatibility:</i>	Contact with strong oxidizing agents
<i>Hazardous Decomposition:</i>	Carbon Monoxide, Carbon Dioxide
<i>Hazardous Polymerization:</i>	Has not been reported

## XI. TOXICOLOGICAL INFORMATION

<i>Carcinogenicity:</i>	
<i>ACGIH:</i>	Not Listed
<i>NTP:</i>	Not Listed
<i>IARC:</i>	Not Listed
<i>CA Prop 65:</i>	Not Listed
<i>Carcinogenic Effects:</i>	Not classified or listed by IARC, NTP, OSHA, EU and ACGIH
<i>Epidemiology:</i>	No Information Available
<i>Teratogenicity:</i>	No Information Available
<i>Reproductive Effects:</i>	irp-rat TDLo:250mg/kg (11-15D preg)
<i>Mutagenicity:</i>	No Information Available
<i>Neurotoxicity:</i>	No Information Available

## XII. ECOLOGICAL INFORMATION

No special precaution needed. Product is not a contaminant.

## XIII. DISPOSAL CONSIDERATIONS

Dispose of in accordance with applicable local, state and federal regulations.

## XIV. TRANSPORT INFORMATION

Follow the precautions indicated in the Control Measures of this SDS.

<i>DOT Proper Shipping Name:</i>	Not Applicable
<i>DOT Label:</i>	Not Applicable
<i>US DOT:</i>	No information available
<i>IMO:</i>	Not regulated as a hazardous material
<i>IATA:</i>	Not regulated as a hazardous material
<i>RID/ADR:</i>	Not regulated as a hazardous material
<i>Canadian TDG:</i>	No information available
<i>UN No.:</i>	Not regulated
<i>Hazard Class:</i>	Not regulated as a hazardous material
<i>NAERG:</i>	Not Applicable
<i>Engineering Controls:</i>	Facilities

<b>XV. REGULATORY INFORMATION</b>
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<i>Product related hazard information:</i>	Observe the general safety regulations when handling chemicals.
<i>National Regulations:</i>	All components of this product are listed in the US Environmental Protection Agency Toxic Substance Control Act Chemical Substance Inventory
<i>Information about limitations of use:</i>	For use only by technically qualified individuals

<b>XVI. OTHER INFORMATION AND COMMENTS</b>
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<i>Notes:</i>	We do not accept liability for loss, injury, or damage which may result from misuse. Data is solely for guidance purposes of safe handling and uses. We encourage users to conduct their own testing best suited for their purposes under their conditions.
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