

## SAFETY DATA SHEET

### I. IDENTIFICATION

*Identity:* Purple Cow Organics CX-1 Liquid Biological 1 Gallon Jug  
*Product Use:* Crop 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

Non-hazardous under OSHA Regulations.

### III. COMPOSITION/INFORMATION ON INGREDIENTS

Derived from Purple Cow Starter and water.

### IV. FIRST-AID MEASURES

*Route(s) of Entry:*

<i>Inhalation:</i>	None
<i>Skin:</i>	Mist may contact skin
<i>Ingestion:</i>	Unlikely
<i>Eyes:</i>	Rinse thoroughly with water for 5 minutes

*Health Hazards (Acute and Chronic):*

<i>Inhalation:</i>	N/A
<i>Carcinogenicity:</i>	N/A
<i>NTP:</i>	N/A
<i>IARC Monographs:</i>	N/A
<i>OSHA Regulated:</i>	N/A

*Signs and Symptoms of Exposure:* May dry out sensitive skin after prolonged contact

*Medical conditions aggravated by exposure:* None known.

*Emergency and First Aid Procedures:* See Routes of Entry above.

## V. FIRE-FIGHTING MEASURES

<i>Flash Point:</i>	None
<i>Flammable Limits:</i>	N/A
<i>Extinguishing Media:</i>	None
<i>Special Firefighting Procedures:</i>	None
<i>Unusual Fire and Explosion Hazards:</i>	None

## VI. ACCIDENTAL RELEASE MEASURES

No special requirements.

## VII. HANDLING AND STORAGE

*Precautions in Storing and Handling:* Keep container sealed. Keep out of reach of children.

## VIII. CONTROL MEASURES

<i>Respiratory Protection:</i>	If mist or dust conditions are present use respirator approved by NIOSH
<i>Ventilation:</i>	Adequate fresh air
<i>Protective gloves:</i>	Rubber or plastic
<i>Eye protection:</i>	Chemical goggles
<i>Other protective clothing or equipment:</i>	Adequate clothing should be worn to prevent prolonged skin contact
<i>Work/Hygienic Practices:</i>	Wash hands and clothing after handling product.

## IX. PHYSICAL AND CHEMICAL PROPERTIES

<i>Boiling Point (F):</i>	212 degrees
<i>Specific Gravity (H<sub>2</sub>O=1):</i>	1
<i>Weight per gallon:</i>	8.4/lbs per gallon
<i>Vapor pressure (mm hg):</i>	N/A
<i>Soluble in Water:</i>	100%
<i>Appearance and odor:</i>	Brown in color, Musty odor
<i>Melting point:</i>	N/A

## X. STABILITY AND REACTIVITY

<i>Stability:</i>	Stable
<i>Conditions to Avoid:</i>	None
<i>Incompatibility:</i>	N/A
<i>Hazardous Decomposition:</i>	None
<i>Hazardous Polymerization:</i>	Will not occur

## 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>Reproductive Toxicity:</i>	No information available for the product
<i>Specific Target Organ Toxicity:</i>	
- <i>Single Exposure:</i>	No target organs identified
- <i>Repeated Exposure:</i>	No target organs identified
<i>Aspiration Hazard:</i>	Not applicable
<i>Acute Toxicity:</i>	May cause irritation to respiratory tract, skin and eyes.
<i>Component Analysis – LD50/LC50:</i>	The components of this material have been reviewed in various sources and no selected endpoints have been identified.
<i>Information on Likely Routes of Exposure:</i>	
- <i>Inhalation:</i>	May cause irritation to respiratory tract.
- <i>Ingestion:</i>	May cause irritation to gastrointestinal tract.
- <i>Skin Contact:</i>	May cause irritation of the skin.
- <i>Eye Contact:</i>	May cause irritation of the eyes.
<i>Immediate Effects:</i>	No information on significant adverse effects.
<i>Delayed Effects:</i>	No information on significant adverse effects.
<i>Medical Conditions Aggravated by Exposure:</i>	No data available.
<i>Irritation/Corrosivity Data:</i>	No data available
<i>Respiratory Sensitization:</i>	No information available for the product.
<i>Dermal Sensitization:</i>	No information available for the product.
<i>Germ Cell Mutagenicity:</i>	No information available for the product.

## XII. ECOLOGICAL INFORMATION

<i>Ecotoxicity:</i>	No information available for the product.
<i>Component Analysis:</i>	
- <i>Aquatic Toxicity:</i>	No LOLI ecotoxicity data are available for this product's components.
<i>Persistence and Degradability:</i>	No information available for the product.
<i>Bioaccumulation:</i>	No information available for the product.
<i>Mobility:</i>	Mobile in soil.
<i>Biodegradation:</i>	No information available for the product.

## XIII. DISPOSAL CONSIDERATIONS

*Waste disposal method:* Dispose of material in accordance with all local, state and federal laws and regulations, no special requirements known.

## XIV. TRANSPORT INFORMATION

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

*DOT Proper Shipping Name:* Not Applicable.

*DOT Label:* Not Applicable.  
*US DOT:* No information available.  
*IMO:* Not regulated as a hazardous material.  
*IATA:* Not regulated as a hazardous material.  
*RID/ADR:* Not regulated as a hazardous material.  
*Canadian TDG:* No information available.  
*UN No.:* Not regulated.  
*Hazard Class:* Not regulated as a hazardous material.  
*NAERG:* Not applicable.  
*Engineering Controls:* Facilities

## XV. REGULATORY INFORMATION

*US Federal Regulations:* None of this product's components are listed under SARA Section 302 (40 CFR 355 Appendix A), SARA Section 311/312 (40 CFR 370.21), SARA Section 313 (40 CFR 372.65), CERCLA (40 CFR 302.4), TSCA 12(b), or require an OSHA process safety plan.

*SARA 311/312 Hazardous Categories:*

- *Acute Health:* No
- *Chronic Health:* No
- *Fire:* No
- *Pressure:* No
- *Reactive:* No

*US State Regulations:* None of this product's components are listed on the state lists from CA, MA, MN, NJ or PA. Not regulated under California Proposition 65.

## XVI. OTHER INFORMATION AND COMMENTS

*Notes:* 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.