

SECTION 1: PRODUCT AND COMPANY INFORMATION

Product Name(s) X-CELL OCS™ **Product ID #** Not Applicable
General Use: Organic Catalyst Solution
Manufacturer Biofeed Solutions, Inc., PO Box 3434, Glendale, AZ 85311
O: 623-930-7510 F: 623-930-8598
Emergency Contact: 623-930-7510

SECTION 2: HAZARD IDENTIFICATION

Classification: Physical Hazards: Not classified.
Health Hazards: Not classified
Environmental: Not classified

Signal Word: Not applicable

Hazard Statements: Physical Hazards: No known hazards.
Health Hazards: No known hazards.
Environmental hazards: No known hazards.

Precautionary Statements Not applicable

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Substance:

Material does not meet the criteria of a substance.

Mixture of substances listed below:

	CAS#	EC#	Component Range
Urea Nitrogen	57-13-6	200-315-5	5% – 6%
Organic matter and other plant beneficial materials	—	—	74%- 94%

SECTION 4: FIRST AID MEASURES

Eye Contact Flush eyes thoroughly with water for several minutes. Remove contact lenses after the initial 1-2 minutes and continue flushing for several additional minutes. If effects occur, consult a physician, preferably an ophthalmologist.

Skin Contact Wash exposed area with soap and plenty of water. Remove contaminated clothing and shoes while washing. Seek medical attention if irritation and persists. Wash clothing before reuse. Discard items that cannot be decontaminated such as shoes, belts or watchbands.

Ingestion Do not induce vomiting due to possibility of aspiration into lungs. Drink one quart/liter of water to dilute. Seek medical advice or attention if you feel unwell.

Inhalation Not applicable.

SECTION 5: FIREFIGHTING MEASURES

Flashpoint and Method: Product does not burn.

Extinguishing Media: Use water spray, dry chemical, foam or CO2 as applicable for burning materials. Use a water spray to cool fire-exposed containers, structures and to protect personnel.

Fire-Fighting Equipment: Exposed firefighters should wear MSHA/NIOSH approved self-contained breathing apparatus with full-face mask and full protective equipment.

Fire-Fighting Hazards: Not Applicable.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions: Isolate release area. Exercise caution regarding personnel safety and exposure.

Environmental Precautions: No special requirements.

Cleaning Up Methods: Product is biodegradable. Spills can be washed away with water.

SECTION 7: HANDLING AND STORAGE

- Handling:** No special precautions are required. Wash hands at end of shift or before eating or using restroom. Wear gloves to avoid prolonged or repeated contact. Use good hygiene practices when handling product, including changing and laundering work clothes after use.
- Storage:** Keep products in labeled and in original container. Store at 50 – 95 °F / 10 – 35 °C. Do not store in direct sunlight. Product may degrade when held at temperatures above 195 °F / 90 °C. Do not transfer into food or drink containers.

SECTION 8: EXPOSURE CONTROL AND PERSONAL PROTECTION

- Exposure Control** **OSHA PEL:** Not established.
ACGIH TLV-TWA: Not established.
- Engineering Controls** Not normally required
- Eye and Face Protection** Not required. Wear glasses or goggles as a safety measure when working with material; use a face shield if splashing is likely.
- Skin Protection** Not required. Wear gloves or other protective clothing to avoid prolonged or repeated contact.
- Respiratory Protection** Not required.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

- Appearance/Physical State:** Brown liquid
- Upper/Lower Flammability:** Not Applicable
- Odor:** Mild Ammonia
- Vapor Pressure:** Not Determined
- Odor Threshold:** Not Determined
- Vapor Density (Air=1):** Not Determined
- pH:** pH range 7.2 – 8.2
- Relative Density:** 9.9 lbs per gallon
- Melting/Freezing Point:** 19°F / -7°C
- Solubility:** Soluble in water
- Initial Boiling Point:** 220°F / 105°C
- Boiling Range:** Not Applicable
- Flash Point:** Not Applicable
- Evaporation Rate:** Not Determined
- Flammability (solid, gas):** Not Applicable
- Partition Coefficient (n-octanol/water):** Not Determined
- Auto-ignition Temperature:** Not Applicable
- Decomposition Temperature:** Not Determined
- Viscosity (cSt , 40° C):** Not Determined

SECTION 10: STABILITY AND REACTIVITY

- Chemical Stability:** Stable
- Other:**
- Hazardous Reactions:** None known
- Conditions to Avoid:** High temperature
- Hazardous Decomposition:** None known
- Hazardous Polymerization:** Will not occur

SECTION 11: TOXICOLOGICAL INFORMATION

Acute Toxicity:	Not Classified
Eye Contact:	May cause redness or mild irritation.
Skin Contact:	None
Ingestion:	Potential for discomfort if over 0.5 oz/10 ml of concentrate ingested.
Inhalation:	Not Applicable
Target Organ Effects:	None known
Chronic Effects:	Any acute symptoms may be aggravated. Refer to Sections 2 and 4 for recommended actions.
Carcinogenicity:	Not Applicable

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity:	Not Applicable
Mobility:	Not Determined
Degradability:	Not Determined
Bioaccumulation:	Not Determined

SECTION 13: DISPOSAL CONSIDERATION

Triple rinse when empty for recycling. Always dispose of container in accordance with local, state, and/or federal regulations. Empty containers may contain residues.

SECTION 14: TRANSPORT INFORMATION

DOT: Not regulated by U.S. DOT as hazardous material.

UN number:	Not applicable
UN proper shipping name:	Not applicable
Transport hazard class(es):	Not applicable
Packing group:	Not applicable
Environmental hazards:	Not applicable
Special precautions for user:	Not applicable
IATA:	Not dangerous goods
IMDG:	Not dangerous goods

SECTION 15: REGULATORY INFORMATION

TSCA Status	All ingredients are listed on TSCA and DSL.
SARA 311/312 Reporting Categories	None

SECTION 16: OTHER INFORMATION

Department Issuing SDS	Health and Safety
Condition of Sale:	The information herein is believed to be accurate and reliable. Buyer and user assume all liability from use of this material. Follow label directions carefully. Timing, method of application, weather, plant, crop or turf conditions and other factors are beyond the control of the seller.