

SECTION 1: PRODUCT AND COMPANY INFORMATION

Product Name(s)	CHETROL OCS™	Product ID #	Not Applicable
General Use:	Organic Chelation 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

Hazards	Not Classified
Signal Word	Not Applicable
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 which 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	Remove affected person from source of exposure. Get medical attention if discomfort persists.

SECTION 5: FIREFIGHTING MEASURES

Suitable Extinguishing Media	Product does not burn. Use water spray, dry chemical, foam or CO ₂ as applicable for burning materials. Use a water spray to cool fire-exposed containers, structures and to protect personnel. Exposed firefighters should wear MSHA/NIOSH approved self-contained breathing apparatus with full-face mask and full protective equipment.
Special Firefighting Procedures	Not Applicable
Unusual Firefighting Hazards	Not Applicable

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions	Isolate release area and keep unnecessary people away. Exercise caution regarding personnel safety and exposure.
Environmental Precautions	No special requirements.
Methods for Cleaning Up	Product is biodegradable. Spills can be washed away with water. Large spills, if uncontaminated, can be returned to container for subsequent use.

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 or original container. Store at 50 – 105 °F / 10 – 40 °C. 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:	10 m-bar
Odor Threshold:	Not Determined
Vapor Density (Air=1):	Not Determined
pH:	pH range 7.5-9.0 Enzymatic activity may affect pH during storage.
Relative Density:	9.9 lbs per gallon
Melting/Freezing Point:	21 °F / -6 °C
Solubility in Water	Soluble
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
Specific Gravity (Water=1)	1.1 (8.9 lbs/gal)

Note: Physical and chemical properties are provided for safety, health and environmental considerations and do not fully represent product specifications. Those should be requested separately.

SECTION 10: STABILITY AND REACTIVITY

Stability	Stable
Conditions to Avoid	High temperature
Hazardous Decomposition / Byproducts	None known
Hazardous Polymerization	Will not occur
Polymerization Conditions to Avoid	Not Applicable

SECTION 11: TOXICOLOGICAL INFORMATION

Eye Contact	May cause redness or mild irritation.
Skin Contact	None
Ingestion	Potential for mild diarrhea or 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

Proper Shipping Name Not Regulated

SECTION 15: REGULATORY INFORMATION

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

SECTION 16: OTHER INFORMATION

HMIS Rating	0-0-0
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.