

MSDS

MATERIAL SAFETY DATA SHEET

PRODUCT: CROP™

1. **IDENTITY/ DESCRIPTION**
 - 1.1 Identity: CROP FOLIAR FERTILIZER
 - 1.2 Manufactured: Biofeed Solutions, Inc.
 - 1.3 Information: Biofeed Solutions, Inc. 623-930-7510

2. **HAZARDOUS INGREDIENTS/INFORMATION**
 - 2.1 Hazardous components: Urea
 - 2.3 Chemical Character: Humic Acids, Enzymes, Amino Acids, Biostimulants

3. **PHYSICAL/ CHEMICAL CHARACTERISTICS**
 - 3.1 Boiling point: 105 degrees C
 - 3.2 Specific Gravity (H₂O= 1): 1.0 g/cm³
 - 3.3 Vapor Pressure: 9 m-bar
 - 3.4 Melting Point: -7 degrees C
 - 3.5 Vapor Density (air= 1): N/A
 - 3.6 Evaporation Rate (BA= 1): N/A
 - 3.7 Solubility in water: Yes, 900 g/l
 - 3.8 Viscosity: 60 m Pa-s (Brookfield)
 - 3.9 Form: Liquid
 - 3.10 Appearance: Brown
 - 3.11 Odor: Sweet Humus Odor
 - 3.12 pH: 7.8

4. **FIRE AND EXPLOSION HAZARD DATA**
 - 4.1 Flash Point: None
 - 4.2 Flammable Limits: None
 - 4.3 LEL: None
 - 4.4 UEL: None
 - 4.5 Extinguishable: Not required
 - 4.6 Special Fire Fighting Procedures: None
 - 4.7 Unusual Fire & Explosion Hazards: None
 - 4.8 Ignition temperature: None
 - 4.9 Hazardous decomposition: None
 - 4.10 Hazardous reactions: None

5. **REACTIVITY DATA**
 - 5.1 Stability: Stable
 - 5.2 Incompatibility: None
 - 5.3 Hazardous decomposition: None
 - 5.4 Hazardous Polymerization: Will not occur

6. **HEALTH HAZARD DATA**
 - 6.1 Route of Entry/ Inhalation: None
 - 6.2 Route of Entry/ Skin: None
 - 6.3 Route of Entry/ Digestion: Potential for mild diarrhea caused by enzymatic

6.4	Health Hazard (acute & chronic):	action with bacteria in stomach Not a hazardous substance
6.5	Carcinogenity:	N/A
6.6	Signs and Symptoms of exposure:	None
6.7	Medical Conditions Generally Aggravated by Exposure:	Potential for mild diarrhea if taken in concentrate form in quantities greater than 10ml.
6.8	Emergency First Aid Procedures:	Wash eyes out with water for 15 minutes; if swallowed, drink one quart of water to dilute.
7.	PRECAUTIONS FOR SAFE HANDLING, STORAGE, AND USE OF PRODUCT	
7.1	Technical Protection Measures:	No special precautions
7.2	Personal Protection; including breathing, eyes , and hands:	No special precautions
7.3	Fire and Explosion Protection:	No special precautions
7.4	Recommended Storage Conditions:	Store in dry conditions, storage temperatures should be between 10 degrees C and 40 degrees C. Temperatures over 90 degrees C may result in thermal decomposition. Byproducts totally benign; organic matter, water, carbon.
7.5	Precaution in Handling:	No danger from handling packaged material.
7.6	Waste Disposal Method (release of spilled material):	Product is biodegradable. Small spills can be washed away with water. Large spills if uncontaminated, can be returned to container or washed away with water.
8.	CONTROL MEASURES	
8.1	Respiratory Protection:	None required
8.2	Ventilation:	None required
8.3	Protective Gloves:	None required
8.4	Eye Protection:	None required
8.5	Other Protective Clothing:	None required
8.6	Work - Hygienic Practices:	Product is inert in concentrated form. Wash hands after contact with soap and water prior to eating or drinking.