

# SAFETY DATA SHEET (SDS)

## SEQUESTER® SOIL AMENDMENT

3 May 2022

### 1. MATERIAL – PREPARATION AND COMPANY NAME

- 1.1 Identification of the substance: Derived from blend of Cyanobacteria (algae strains), molasses, and guayule protein hydrolysate
- 1.2 Product Name: Sequester Soil Amendment
- 1.3 Use of Product: Agricultural & Non-agricultural Soil Treatment
- 1.4 Company Identification: Biodel Ag Inc.
- 1.5 Company Address:
  - 38768 W. Farrell Road
  - Maricopa, AZ 85138
- 1.6 Emergency Telephone Number: 001-833-696-0602

### 2. HAZARDS IDENTIFICATION

- 2.1 Classification of the substance or mixture: Not a hazardous substance or mixture
- 2.2 Hazards not otherwise classified (HNOC), or not covered by GHS: None

### 3. COMPOSITION OF INGREDIENTS

- 3.1 No ingredients are hazardous according to OSHA Criteria

### 4. FIRST AID MEASURES

- 4.1 Description of first aid measures:
  - If inhaled, move person into fresh air, If not breathing, give artificial respiration.
  - In case of skin contact, wash with soap and water.
  - In case of eye contact, flush with water as a precaution.
  - If swallowed, rinse mouth with water.
- 4.2 Most important symptoms and effects, both acute and delayed: None known
- 4.3 Indication of any immediate medical attention and special treatment needed: None known, No data available

### 5. FIRE FIGHTING MEASURES

- 5.1 Suitable for fire-extinguishing material: Not applicable, Non-flammable liquid
- 5.2 Special Dangers: None known to Biodel AG Inc.
- 5.3 Special protective actions for fire-fighting: Not applicable, Not flammable

### 6. ACCIDENTIAL RELEASE MEASURES

- 6.1 Personal precautions: Avoid spills. Wear protective clothing, rubber gloves, and goggles. Wash or dispose of contaminated clothing. No special actions necessary for fire or explosion protection.
- 6.2 Environmental precautions: Contain spills. Prevent discharge into the environment. No special environmental precautions required.
- 6.3 Methods and materials for containment and cleaning up: Keep in suitable, closed containers for disposal and rinse area with water.

### 7. HANDLING AND STORAGE

- 7.1 Precautions for safe handling: Wear protective clothing, rubber gloves, and goggles. Avoid breathing vapors or mist.
- 7.2 Conditions for safe storage: Store in a cool, dry, and well ventilated location. Avoid direct sunlight. Storage at temperatures above 0C and below 40C.
- 7.3 Storage class: Non-flammable liquid in a non-flammable container.
- 7.4 Specific uses: Agricultural and non-agricultural soil treatment.

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

- 8.1 Exposure limits: Contains no substances with occupational exposure limit values.
- 8.2 Exposure controls: General industrial hygiene practices. No special environmental precautions required.
- 8.3 Personal protective equipment:
  - Hand protection – rubber gloves
  - Eye protection – goggles
  - Body protection – impervious clothing
  - Respiratory protection – not required

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 General information:

Form: Liquid  
Color: Dark Green  
Odor: Characteristic, grassy

### 9.2 Important health, safety, and chemical information:

pH: 5.0 to 6.1  
Solubility: Completely soluble in water  
Specific gravity: Less than 1.2 g/cc  
Melting point/freezing point: No data available  
Initial boiling point and boiling range: No data available  
Flash point: No data available, Non-flammable liquid  
Auto-Ignition temperature: No data available, Non-flammable liquid  
Decomposition temperature: No data available  
Evaporation rate: No data available  
Viscosity: No data available  
Explosive properties: No data available, Non-flammable liquid  
Vapor pressure: No data available  
Vapor density: No data available  
Oxidizing properties: No data available

## 10. STABILITY AND REACTIVITY

10.1 Conditions to avoid: None known to Bidel Ag Inc.  
10.2 Materials to avoid: None known to Bidel Ag Inc.  
10.3 Hazardous decomposition products: None known to Bidel Ag Inc.  
10.4 Chemical Stability: Stable under recommended storage conditions.

## 11. TOXICOLOGICAL INFORMATION

### 11.1 Acute toxicity:

On skin: No data available  
On eyes: No data available  
Ingestion: No data available  
Respiratory or skin sensitization: No data available  
Germ cell mutagenicity: No data available

### 11.2 Chronic toxicity:

Sensibility: No data available  
Carcinogenic and reproductive-hazardous effect: No data available  
Specific target organ toxicity – single exposure: No data available  
target organ toxicity – multiple exposure: No data available  
Aspiration hazard: No data available

This product does not contain any chemicals known to the State of California to cause cancer, birth defects, or any other reproductive harm, and meets California Prop 65 components.

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

## 12. ECOLOGICAL INFORMATION

12.1 Toxicity: No data available  
12.2 Persistence and degradability: No data available  
12.3 Bioaccumulative potential: No data available  
12.4 Mobility in soil: No data available  
12.5 Results of PBT and vPvB assessment: Not available as chemical safety assessment is not required and not conducted  
12.6 Other adverse effects: None known to Bidel Ag Inc.,

## 13. DISPOSAL CONSIDERATIONS

13.1 Dispose in accordance to all local regulations  
13.2 Disposal of contaminated packaging: Disposed of unused product

## 14. TRANSPORT INFORMATION

14.1 No limits know to transport  
DOT – Not dangerous goods  
IMDG – Not dangerous goods  
IATA – Not dangerous goods

## **15. REGULATORY INFORMATION**

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**15.1 Reach Number:** A registration number is not available for this substance as the substance or its uses are exempt from registration, the annual tonnage does not require a registration or the registration is envisaged for a later registration date.

**15.1 SARA 302 Components:** No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

**15.2 SARA 313 Components:** This material does not contain any chemical components with known CAS numbers that exceed the threshold reporting levels established by SARA Title III, Section 313.

**15.3 SARA 311/312 Hazards:** No SARA hazards.

## **16. OTHER INFORMATION**

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### **16.1 HMIS Rating:**

Health hazard: 0  
Chronic health hazard: 0  
Flammability: 0  
Physical hazard: 0

### **16.2 NFPA Rating:**

Health hazard: 0  
Fire hazard: 0  
Reactivity hazard: 0

**16.3** The information presented in this safety sheet is updated to the best of our knowledge and describes only the safety measures to be taken in the handling of this product. In no way does it represent a guaranty on the properties described herein.



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