

## SAFETY DATA SHEET

### **SECTION 1 – PRODUCT IDENTIFICATION**

Product name: UNLEASH  
Distributed by: AquaBella Organic Solutions, LLC  
321 South Main St. #34  
Sebastopol, CA 95476  
Phone (707) 829-3347  
24 Hr. Emergency Phone: (707) 331-3565  
Recommended use: Plant root inoculant for hydroponics and indoor use  
Generic name: Liquid microbial inoculant

### **SECTION 2 – HAZARD IDENTIFICATION**

Hazard rating:  
Health: 0 Normal material  
Fire: 0 Will not burn  
Reactivity: 0 Stable  
Ingredients: No hazardous ingredients present; not hazardous to humans, animals or plants.

### **SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS**

Chemical name: CAS#  
Water: 7732-18-5  
Molasses: 68476-78-8  
Lactic acid bacteria: Not classified

### **SECTION 4 – FIRST AID MEASURES**

Skin Contact: Rinse with fresh water  
Eyes: May cause eye irritation, flush with fresh water  
Inhalation: Move to fresh air  
Ingestion: Drink fresh water

### **SECTION 5 – FIRE-FIGHTING MEASURES**

Extinguishing Media: Material will not combust.  
Fire Fighting Methods and Protection: Same precautions shall be taken as for fighting a fire of water.  
Fire and/or Explosion Hazards: None  
Hazardous Combustion Products: None

### **SECTION 6 – ACCIDENTAL RELEASE MEASURES**

In case of accidental spills:  
Floors: Mop up with water  
Soil: Rinse area with water  
Waste disposal method: Sewer disposal. Material is biodegradable, non-GMO, all organic ingredients

## **SECTION 7 – HANDLING AND STORAGE**

Handling: Use container made of plastic for activation to prevent activity loss prior to use.  
Store at room temperature between (40° - 90°F). Do not freeze. Keep container closed and out of direct sunlight.

Storage Code: Green. General Chemical Storage.

## **SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION**

Eye protection:	Safety glasses recommended.
Protective Gloves:	Optional. Skin absorption not likely.
Respiratory protection:	None
Ventilation:	None
Protective clothing:	None
Work practices:	Clean spills immediately, floor will be slick

## **SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES**

Formula:	Proprietary
Boiling point:	>100°C
Melting point:	N/A
Flash point:	None
Vapor pressure:	N/D
Specific Gravity (H <sub>2</sub> O=1):	1 (25°C)
Evaporation rate:	Equal to water
pH:	3.2 – 5.0
Flammable limits in air:	N/A
% Volatile by volume:	0
Solubility in water:	Complete
Appearance:	Brown liquid
Odor:	Mild

## **SECTION 10 – STABILITY AND REACTIVITY**

Incompatible Materials:	None, non-reactive.
Chemical Stability:	Stable.
Reactivity:	Not reactive under normal conditions.
Hazardous Polymerization:	Will not occur.
Hazardous Decomposition Products:	None. Biodegradable, all-natural ingredients.

## **SECTION 11 – TOXICOLOGICAL INFORMATION**

Routes of Entry: Inhalation and ingestion  
Symptoms (Acute): Coughing, abdominal discomfort (gas pains), loose stool  
Displayed Effects: No long-term effects.

### **Acute Toxicity:**

Chemical Name	CAS Number	Oral LD50	Dermal LD50	Inhalation LD50
Water	7732-18-5	Rat 90000 mg/kg	Not listed	Not listed
Molasses	68476-78-8	Not Listed	Not listed	Not listed
Lactic acid bacteria	none	Not listed	Not listed	Not listed

### **Chronic Exposure:**

Carcinogenicity: No known carcinogenic materials in this product.  
Mutagenicity: No evidence of a mutagenic effect.  
Teratogenicity: No evidence of a teratogenic effect.  
Sensitization: No evidence of a sensitization effect.  
Reproductive: No evidence of negative reproductive effects.  
Target Organ Effects:  
Acute: No evidence of acute effects on organs  
Chronic: No evidence of effects on the eyes

## **SECTION 12 – ECOLOGICAL INFORMATION**

Overview: No ecological hazards known at any concentration.  
Mobility: This material is expected to be moderately mobile in soils. It absorbs into most soil types.  
Persistence: 100% Biodegradable  
Bioaccumulation: Bioaccumulation is not expected or occur.  
Degradability: Biodegrades quickly.  
Other Adverse Effects: No Data.  
No Eco-toxicity data available.

## **SECTION 13 – DISPOSAL CONSIDERATIONS**

Disposal Methods: Sewer disposal  
Water Disposal Code: This is an unregulated material.

## **SECTION 14 – TRANSPORT INFORMATION**

UN Number	Not classified as hazardous
DOT Shipping Name	Not classified as hazardous
Transport Hazard Class	Not classified as hazardous
Hazard Class	Not classified as hazardous
Primary Hazard Label	Not classified as hazardous
Subsidiary Risk Label	Not classified as hazardous
WHMIS Classification	Not classified as hazardous
Marine Pollutant	Contains natural soil bacteria, fungi, and food-grade ingredients. Generally considered chemically inert in the environment.

**SECTION 15 – REGULATORY INFORMATION**

OSHA Status: Not considered hazardous by OSHA

TSCA Status: Not on Toxic Substances Lists

**SECTION 16 – OTHER INFORMATION**

Prepared February 1, 2018