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# SAFETY DATA SHEET – U.S. DEPARTMENT OF LABOR

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May be used to comply with Occupational Safety and Health Administration (OSHA) Hazard Communication Standard, 29 CFR 1910.1200, Standard must be consulted for specific requirements (non-mandatory form) Form Approved OMB No. 1218-0072

Date Prepared: 02-27-14

Date Revised: 07 07 2020

## Section 1: Identification of the Substance/Preparation and of the Company/Undertaking

### 1.1 Product Identifier

**Trade Name:** SoilBiotics Growth Supplement 30 (for conventional use)

### 1.2 Relevant Identified Uses of the Substance or Mixture and Uses Advised Against It

**Recommended Uses:** Plant Nutrition

### 1.3 Details of the Distributor of the Safety Data Sheet

**Distributed By:** SoilBiotics

2902 W State Route 17

Kankakee, IL 60901

Country: United States

**1.1 In Case of Emergency:** USA, Canada, Mexico call Infotrac at 1-800-535-5053  
International call Infotrac at 1-352-323-3500

## Section 2: Hazards Identification

### 2.1 Classification of the Substance or Mixture:

**CLP Classifier- Other Information:** This Product Does Not Have to be Classified.

**2.2 Label Elements:** N/A

**2.3 Other Hazards:** N/A

**2.4 OSHA PEL:** None known

**2.5 ACGIH TLV:** None known

**2.6 GHS Label Elements:** Non-Regulated Material

## Section 3: Composition/Information on Ingredients

### 3.2 Mixtures

Substance	CAS No	EC No	REACH Reg No	Concentration	Notes	DSD- Classification	CLP - Classification	
Proprietary								

Please see Section 16 for the full text of R-Phrases and H-Phrases

## Section 4: First Aid Measures

### 4.1 Description of First Aid Measures

**Inhalation:** Seek fresh air, wash out mouth with water and blow nose thoroughly.

**Ingestion:** Wash out mouth thoroughly and drink 1-2 glasses of water in small sips.

**Skin Contact:** Wash the skin with water. Remove contaminated clothing.

**Eye Contact:** Flush with water (preferably using eye wash equipment) until irritation subsides.

Seek medical advice if symptoms persist.

**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

## Section 5: Fire-Fighting Measures

**5.1 Special Fire Fighting Procedures:** None

**5.2 Fire and Explosion Hazards:** None

**5.3 Suitable Extinguishing Media:** N/A

**5.4 Unsuitable Extinguishing Media:** N/A

## Section 6: Accidental Release Measures

**6.1 Personal Precautions:** Use personal protection recommended in Section 8.

**6.2 Environmental Precautions:** Avoid infiltration of large quantities into drains, surface water, ground water and soil.

**6.3 Methods and Material for Containment and Clean Up:** Sweep up/collect spills for possible reuse  
Or transfer to suitable waste containers.

**6.4 Reference to Other Sections:**

See section 8 for type of protective equipment. See section 13 for instructions on disposal.

## Section 7: Handling and Storage

**7.1 Precautions for Safe Handling:** No special requirements. Avoid contact with skin and eyes.

**7.2 Storage:** Recommended that product not be subject to freezing.

If purchased in bulk then store in an area with secondary equipment

## Section 8: Exposure Controls/Personal Protection

**8.1 Exposure Controls:**

**Appropriate Engineering:** Provide sufficient ventilation during operations which cause vapour formation

**Personal Protective Equipment:**

**Eye Protection:** Wear safety goggles if there is a risk of eye splash.

**Hand Protection:** Wear Gloves.

**Skin Protection:** Wear suitable protective clothing.

**Respiratory Protection:** Not Required

## Section 9: Physical and Chemical Properties

9.1 Physical State/Appearance/Odor: Brown liquid with mild odor.

9.2 Information on Basic Physical and Chemical Properties:

Parameter	Value/Unit	Remark
pH (solution for use)	2-3	
pH (concentrate)		Not Applicable
Melting Point		Not Applicable
Initial Boiling Point	104C/215F	
Freezing Point	-2C/28F	
Flash Point		Not Applicable
Evaporation Rate	0.4	Water
Flammability (solid, gas)		Not Applicable
Flammability Limits		Not Applicable
Explosion Limits		Not Applicable
Vapour Pressure	14.2 mmHg	20C/68F
Vapour Density		20C/68F
Relative Density	1.101	Specific Gravity
Partition Coefficient N-Octanol/Water		100% Water
Auto-Ignition Temperature		Not Applicable
Decomposition Temperature		Not Applicable
Viscosity	< 600 cSt	
Odour Threshold	ppm	Not Applicable
% Volatiles by Weight	80 (water)	
Bulk Density (g/ml)		Not Applicable
Dry Matter, %		None Known
Solubility in Water	100% Soluble	

## Section 10: Stability and Reactivity

- 10.1 **Reactivity:** Not Reactive
- 10.2 **Chemical Stability:** Stable
- 10.3 **Possibility of Hazardous Reactions:** None Known
- 10.4 **Conditions to Avoid:** None Known
- 10.5 **Incompatible Materials:** Strong Oxidizers
- 10.6 **Hazardous Decomposition Products:** None Known
- 10.7 **Hazardous Polymerization:** Will Not Occur

## Section 11: Toxicological Information

### 11.1 Information on Toxicological Effects:

Acute Toxicity – Oral  
Fulvic Acid Complex

Organism	Test Type	Exposure Time	Value	Conclusion	Test Method	Source	
Rat	LD50		>5000mg/kg				

Based on existing data, the classification criteria are deemed not to have been met.

- Skin Corrosion/Irritation:** May cause slight irritation
- Serious Eye Damage/Eye Irritation:** May cause slight irritation
- Respiratory Sensitization or Skin Sensitization:** None known
- Germ Cell Mutagenicity:** Based on existing data, the classification criteria are deemed not to have been met.
- Carcinogenic Properties:** The product does not have to be classified.

## Section 12: Ecological Information

- 12.1 **Toxicity**
- 12.2 **Persistence and Degradability:** Potentially degradable.
- 12.3 **Bioaccumulative Potential:** No bioaccumulation expected
- 12.4 **Mobility in Soil: Solubility in water:** Completely miscible
- 12.5 **Results of PBT and vPvB Assessment:** This product does not contain any PBT or vPvB substances.
- 12.6 **Biological Oxygen Demand (BOD):** Not known
- 12.7 **Chemical Oxygen Demand (COD):** Not known
- 12.8 **Other Adverse Effects:** None known

## Section 13: Disposal Considerations

- 13.1 **Waste Treatments Methods:** This product is not to be considered Hazardous Waste.  
Dispose of in accordance with Local Authority requirements.

## Section 14: Transport Information

- 14.1 UN-No: Not applicable
- 14.2 UN Proper Shipping Name: Class 50
- 14.3 Transport Hazard Class(es): Not applicable
- 14.4 Packaging Group: Not applicable
- 14.5 Environmental Hazards: Not applicable
- 14.6 Special Precautions for User: None
- 14.7 Transport in Bulk According to Annex II of MARPOL73/78 and the IBC Code: Not applicable

Other Information: Harmonized Tariff Code for US: 3804.00.1000-0

## Section 15: Regulatory Information

- 15.1 Safety, Health and Environmental Regulations/Legislation Specific for the Substance or Mixture
  - Special Provisions: ADR/RID (2007) ECHA FAQ 7.7. GHS/CLP (EC NO1272/2008) GHS USA June, 2015.
  - Authorizations / Limitations: Global Inventory Status
    - TSCA: All ingredients are on the inventory or exempt from listing.
    - CERCLA: None of the ingredients are on the inventory.
- 15.2 Chemical Safety Assessment: This product does not have to be classified.

## Section 16: Other Information

- 16.1 HMIS Rating (0-4): Health=0 Fire=0 Reactivity=0 Special=0

## Prepared by: SoilBiotics

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