

SAFETY DATA SHEET – U.S. DEPARTMENT OF LABOR

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: 12 23 2020

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

1.1 Product Identifier

Trade Name: Plant Boost (for conventional and organic use)

Synonyms: Humates(also used: Humus, Oxidized Lignite, Leonardite)

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

Recommended Uses: Soil Nutrition

Details of the Distributor of the Safety Data Sheet

Distributed By: SoilBiotics

2902 W State Route 17

Kankakee, IL 60901

(815)929-1752

Country: United States

1.1 In Case of Emergency: USA, Canada, Mexico call Infotrac at 1-800-535-5053

Section 2: Hazards Identification

2.1 Classification of the Substance or Mixture:

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

Section 3: Composition/Information on Ingredients

3.1 Mixtures

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

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.

May aggravate existing conditions: emphysema, allergies or upper respiratory illnesses

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 any 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 Flash Point: Non-combustible

5.2 Flammable Limits: NA LEL: NA UEL: NA

- 5.3 Extinguishing Media: NA
- 5.4 Special Fire Fighting Procedures: NA
- 5.5 Unusual Fire and Explosion Hazards: None

Section 6: Accidental Release Measures

- 6.1 **Personal Precautions:** Use personal protection recommended in Section 8.
- 6.2 **Environmental Precautions:** None
- 6.3 **Methods for clean up:** Sweep up/collect spills for possible reuse or transfer to suitable waste containers.

Section 7: Handling and Storage

- 7.1 **Precautions for Safe Handling:** No special precautions.
- 7.2 **Storage:** Store in area to avoid moisture damage.

Section 8: Exposure Controls/Personal Protection

- 8.1 **Control Parameters:** This product does not contain any relevant quantities of hazardous material which have to be measured at the work place.
- 8.2 **Exposure Controls:** Local Exhaust – If in enclosed area.
- 8.3 **Personal Protective Equipment:**
 - Respiratory Protection:** Wear NIOSH-approved respirator if dust is present.
 - Hand Protection:** None required
 - Eye Protection:** Particulate approved safety glasses.
 - Work Hygiene Practices:** Good housekeeping to minimize dust

Section 9: Physical and Chemical Properties

- 9.1 **Physical State/Appearance/Odor:** Dark Reddish Brown to Black Particles and/or Dust. No odor.
- 9.2 **Information on Basic Physical and Chemical Properties:**

Parameter	Value/Unit	Remark
pH (3% Soln.)	3-7	
Melting/Boiling Point		Not Applicable
Flash Point		Not Applicable
Evaporation Rate		Not Applicable
Flammability (solid)		Not Applicable
Auto Ignition Temperature		Not Applicable
Decomposition Temperature		Not Applicable
Solubility in Water	Slightly Soluble in Water	
Bulk Density (g/ml)	50 LBS/Cubic Ft	
Specific Gravity (H ₂ O=1)	1.6-1.8	
Dry Matter	20%	

Section 10: Stability and Reactivity

- 10.1 Chemical Stability: Stable
- 10.2 Incompatible Materials: Urea
- 10.3 Hazardous Decomposition Products: None
- 10.4 Possibility of Hazardous Reaction: None
- 10.5 Conditions to Avoid: None Known

Section 11: Toxicological Information

- 11.1 Product is non-toxic – a naturally occurring substance. Numerical Measures of Toxicity: N/A
- 11.2 Symptoms related to the Physical, Chemical and Toxicological Characteristics: None
- 11.3 Delayed, Immediate and Chronic Effects from Short/Long Term Exposure: None

Section 12: Ecological Information

Product/Similar Product

- 12.1 Persistence and Degradability: N/A Bio Accumulative potential: None Other Adverse Effects: None
- 12.2 Mobility in Soil: Organic Matter

Section 13: Disposal Considerations

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

Section 14: Transport Information

- 14.1 UN Proper Shipping Name: not regulated by DOT, IATA, IMDG
- 14.2 Freight Class: 50
- 14.3 Transport Hazard Class(es): N/A
- 14.5 Special Precautions: Personal hygiene, daily changing clothing that touches skin.
- 14.6 Harmonized Tariff Code for US: 2702.10.1000

Section 15: Regulatory Information

Safety, Health and Environmental Regulations: None

Section 16: Other Information

- 16.1 HMIS Rating (0-4): Health=1 Fire=0 Reactivity=0 Special=0

Prepared by: SoilBiotics

The information and recommendations contained herein are offered as a service to our customers but are not intended to relieve the user from its responsibility to investigate and understand pertinent sources of information and to comply with all laws and procedures applicable to the safe handling and use of these materials. The information and recommendations proved herein were believed by SoilBiotics to be accurate at the time of preparation or obtained from sources believed to be generally reliable. However, SoilBiotics makes no warranty concerning their accuracy and SoilBiotics will not be liable for claims relating to any party's use of reliance on information or recommendations contained herein, regardless of whether it is claimed that the information or recommendations are inaccurate, incomplete or otherwise misleading.