

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

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

1.1 Product Identifier

Trade Name: SoilBiotics Organic 2r-Soil 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: Granular product which may increase or enhance the uptake of nutrients

Inadvisable Uses: None Known

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
International call Infotrac at 1-352-323-3500

Section 2: Hazards Identification

This product is not classified according to the Global Harmonizing System (GHS)

2.1 Hazardous Components: None

2.2 GHS Label Elements: Non-Regulated Material

Section 3: Composition/Information on Ingredients

3.1 Mixtures

Substance	CAS No	EC No	REACH Reg No	Concentration	Notes	DSD- Classification	CLP - Classification	
Humates, Humus, Oxidized Lignite & Leonardite	1415-93-6							

Section 4: First Aid Measures

4.1 Routes of Exposure:

Inhalation: Yes **Skin:** No **Eye Contact:** Yes **Ingestion:** Yes

4.2 Description of First Aid Measures

Inhalation: Supply with fresh air.

Eye Contact: Washed with approved eye wash.

Ingestion: Safe to ingest in small quantities.

Section 5: Fire-Fighting Measures

5.1 Special Fire Fighting Procedures: None

5.2 Fire and Explosion Hazards: None

5.3 Suitable Extinguishing Media: Class A extinguisher or water

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.

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: N/A
- 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-No: N/A
- 14.2 UN Proper Shipping Name: Humates (Humus, Oxidized Lignite, Leonardite)
- 14.3 Transport Hazard Class(es): N/A
- 14.4 Marine Pollutant: No
- 14.5 Special Precautions: None
- 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

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