

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: 02-23-2017

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

1.1 Product Identifier

Trade Name: SoilBiotics Organic 5r Soil Boost EA (for conventional and organic use)

Synonyms: Lignite Ore, Leonardite Ore

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

Recommended Uses: Soil Amendment

Inadvisable Uses: None

1.3 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

1.4 In Case of Emergency: Infotrac at 800-535-5053

Section 2: Hazards Identification

HAZARD SYMBOLS / STATEMENTS:



WARNING

MAY BE HARMFUL IF SWALLOWED

MAY CAUSE MILD SKIN IRRITATION

MAY CAUSE EYE IRRITATION

MAY CAUSE RESPIRATORY IRRITATION

HAZARD CLASSIFICATIONS:

ACUTE TOXICITY

5

Low

SKIN IRRITATION

3

Mild

EYE IRRITATION

2B

Promptly Reversible

TARGET ORGAN SYSTEMIC TOXICITY

3

Transient Respiratory Irritation Possible

PRECAUTIONARY STATEMENTS:

- CALL A POISON CENTER / PHYSICIAN IF UNWELL
- IF SKIN IRRITATION OCCURS, GET MEDICAL ADVICE
- IF IN EYES, RINSE CAUTIOUSLY WITH WATER FOR SEVERAL MINUTES – REMOVE CONTACT LENSES
- IF EYE IRRITATION PERSISTS, GET MEDICAL ADVICE
- WASH HANDS AFTER HANDLING
- USE ONLY OUTDOORS OR IN WELL VENTILATED AREAS
- AVOID BREATHING DUST
- IF INHALED, REMOVE TO FRESH AIR AND KEEP AT REST IN A POSITION COMFORTABLE FOR BREATHING
- STORE CONTAINER TIGHTLY CLOSED
- DISPOSE OF CONTENTS / CONTAINER IN ACCORDANCE WITH NATIONAL / REGIONAL / LOCAL REGULATIONS

Section 3: Composition/Information on Ingredients

3.2 Mixtures

Substance	CAS No	EC No	REACH Reg No	Concentration	Notes	DSD- Classification	CLP - Classification	
Humate	1415-93-6			~ 85.9%				

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

Section 4: First Aid Measures

- 4.1 If Inhaled:** Move victim to fresh air. Seek medical attention if symptoms persist.
- 4.2 If on Skin:** Wash affected areas with soap and water. Seek medical attention if irritation persists.
Wash contaminated clothing before re-use.
- 4.3: If in the Eyes:** Immediately flush with water for at least 20 minutes. Seek medical attention if irritation persists.
- 4.4 If Swallowed:** If victim is alert and not convulsing, give one glass of water to dilute material.
Seek immediate medical attention.
- 4.5 Indication of Any Immediate Medical Attention and Special Treatment Needed:** None
- 4.6 Health Hazards:** See Section 11

Section 5: Fire-Fighting Measures

- 5.1 Suitable Extinguishing Media:** Use media for suitable for surrounding fire. No special media required.
- 5.2 Specific Fire Hazards:** Decomposition products may be toxic.
- 5.3 Special Fire Fighting Procedures:** Wear full protective clothing and positive-pressure self-contained Breathing apparatus.

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 to store for possible Reuse. Contaminated product and/or environmental media should be disposed of properly.

Section 7: Handling and Storage

- 7.1 Precautions for Safe Handling:** No special requirements.
- 7.2 Storage:** Store in cool, dry, well ventilated area. Do not store above 120F.

Section 8: Exposure Controls/Personal Protection

8.1 Exposure Limit:

<u>Hazardous Component</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
Humate	15 mg/m ³ (total) 5 mg/m ³ (respirable)	10 mg/m ³ (inhalable) 3mg/m ³ (respirable)

8.2 Exposure Controls:

Personal Protective Equipment:

Respiratory Protection: NOISH approved particulate respirator, if Required
Eye Protection: Wear safety glasses with side shields, goggles, or face shield recommended
Skin Protection: Wear long sleeves, cotton gloves recommended
Ventilation: Local exhaust ventilation recommended

Section 9: Physical and Chemical Properties

9.1 Physical State/Appearance/Odor: Dark Red/Brown Granules with slight odor.

Parameter	Value/Unit	Remark
pH (solution for use)		Not Available
Melting Point		Not Available
Initial Boiling Point		Not Applicable
Flash Point		Not Flammable
Evaporation Rate		Not Applicable
Flammability Limits		Not Applicable
Vapour Pressure		Not Applicable
Vapour Density		Not Applicable
Specific Gravity		Not Applicable
Partition Coefficient N-Octanol/Water		Not Applicable
Auto-Ignition Temperature		Not Applicable
Decomposition Temperature		Not Applicable
Solubility in Water	Partially Soluble	

Section 10: Stability and Reactivity

- 10.1 Chemical Stability:** Stable
10.2 Conditions to Avoid: None Known
10.3 Incompatible Materials: None Known
10.4 Hazardous Decomposition Products: None Known

Section 11: Toxicological Information

- 11.1 Information on Toxicological Effects:**
Ingredient Toxicity Ranges:
Oral: >6,000 mg/kg (humate) **Dermal:** Not Available **Inhalation:** Not Available

Skin Irritation: May cause slight irritation

Eye Irritation: May cause slight irritation

Nose, Throat & Respiratory Tract: May cause slight irritation

Carcinogenic Properties: None of the ingredients are known/listed carcinogens

Section 12: Ecological Information

12.1 Toxicity: Not known to be ecotoxic

12.2 Persistence and Degradability: Not known to be persistent

12.3 Bioaccumulative Potential: No bioaccumulation expected

12.4 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

This product is not registered as a transportation hazard

Harmonized Tariff Code: 2702.10.1000

Section 15: Regulatory Information

Sara Section 311/312 Hazard Category: Immediate Hazard

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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