

**Section 1: Identification of the Product and the Company**

**PRODUCT NAME:** Richlawn™ Organic Humate Greens Grade      **SDS NUMBER:** 1038  
**GENERIC NAME:** Humate (Humic Acid)      **DATE ISSUED:** November 24, 2015  
**MANUFACTURER:** Richlawn™ Turf Food, LLC  
**ADDRESS:** 15121 County Road 32  
Platteville, CO 80651  
**MANUFACTURER'S PHONE:** 303-659-6003  
**MEDICAL EMERGENCY PONE:** CHEMTREC 1-800-424-9300  
**RECOMMENDED USE:** Organic Soil Conditioner

**Section 2: Hazards Identification**

- **Hazard Classification** – This product is regulated as a nuisance dust under OSHA criteria. This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).
- **GHS Label Elements Including Precautionary Statements** – This product contains no substances which at their given concentration are considered to be hazardous to health
  - **Appearance** – Dark Brown to Black
  - **Physical State** – Granular or Powder Solid Form
  - **Odor** – Earthy
  - **Precautionary Statement** – Use as per instruction on package
  - **Precautionary Storage Statement** – None
  - **Precautionary Disposal Statement** – None
- **Hazards not otherwise classified (HNOC)** – Not applicable
- **Unknown Toxicity** – 100% of mixture consists of ingredient of unknown toxicity
- **Other information**
  - May cause mild skin irritation
  - May be harmful to aquatic life
  - May cause slight eye irritation
- **Interactions with Other Chemicals** – No information available.

**Section 3: Composition/Information on Ingredients**

| Chemical Name                              | CAS No         | Weight - % | Trade Secret |
|--|----------------|------------|--------------|
| Humic organic acid and furvic organic acid | Not Applicable | 100        |              |

**Section 4: First-Aid Measures**

- **First aid measures**
  - **Eye Contact** – Rinse thoroughly with plenty of water, also under the eyelids. If symptoms persist, call a physician.
  - **Skin Contact** – Wash with soap and water.
  - **Inhalation** – Remove to fresh air.
  - **Ingestion** – Rinse mouth immediately and drink plenty of water. Never give anything by mouth to an unconscious person.

- **Most important symptoms and effects, both acute and delayed**
  - Most important Symptoms and Effects – No information available.
- **Indication of any immediate medical attention and special treatment needed**
  - Notes to Physician – Treat symptomatically.

### **Section 5: Fire-Fighting Measures**

- **Suitable Extinguishing Media** – Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
- **Unsuitable extinguishing media** – none known
- **Specific Hazards Arising from the Chemical** – none known
- **Hazardous Combustion Products** - none
- **Explosion Data**
  - Sensitivity to Mechanical Impact – no
  - Sensitivity to Static Discharge - no
- **Protective equipment and precautions for firefighters** – As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

### **Section 6: Accidental Release Measures**

- **Personal precautions and protective equipment procedures** – Avoid contact with eyes.
- **Emergency procedures, and Environmental Precautions** – Prevent entry into sewer or waterways.
- **Cleanup Procedures** – Prevent further spillage. Use a clean shovel or other method to pick up material and place in a clean, dry container and cover. Move containers from spill area.

### **Section 7: Handling and Storage**

- **Precautions for safe handling** – Avoid eye contact and avoid breathing dusts if generated. Good housekeeping is recommended to prevent the accumulation of dust. If swallowed, do not induce vomiting and seek medical attention.
- **Conditions for safe storage, including any incompatibilities** – Store in a cool, dry place away from children, pets, feed and food products, and seed. Avoid humid or wet conditions as product will cake and become hard. Do not contaminate water supplies by handling and storage of product. Keep in properly labeled containers.

### **Section 8: Exposure Controls/Personal Protection**

- **Control Parameters** – This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.
- **Appropriate engineering controls** – Eyewash station, Dust ventilator
- **Personal protective measures to prevent illness or injury** –
  - Eye Protection – No special protective equipment is required.
  - Skin Protection – No special protective equipment required.
  - Respiratory Protection – No special protective equipment required under normal use. If exposure limits are exceeded or irritation is experienced, respiratory equipment is advised.
- Handle in accordance with good industrial hygiene and safety practice. Do not eat, drink, or smoke when handling or using this product.

### Section 9: Physical and Chemical Properties

**Physical State** – Granular to powder

**Appearance** – Solid

**Color** – Dark Brown

**pH** - 7

**Melting Point** - Not determined

**Freezing Point** - Not determined

**Evaporation rate** - Not determined

**Flash point** - Not determined

**Initial boiling point/range** - Not determined

**Decomposition temperature** - Not determined

**Partition coefficient:n-octanol/water** - Not determined

**Odor** – Earthy

**Odor threshold** – Not determined

**Flammability (solid, gas)** - Not determined

**Relative density** - Not determined

**Solubility** – 5%

**Auto-ignition temperature** - Not determined

**Vapor pressure** - Not determined

**Vapor density** - Not determined

**Viscosity** - Not determined

**VOC Content (%)** - Nil

### Section 10: Stability and Reactivity

#### Reactivity

- **Incompatibility** – None known

#### Chemical stability

- **Stable** under normal storage and handling conditions

#### Other

- **Hazardous polymerization** – Will not occur
- **Hazardous decomposition products** – Oxides of carbon, sulfur, iron, phosphorus, and irritating hydrocarbon particulate

### Section 11: Toxicological Information

#### Information on likely routes of exposure

- **Inhalation** – May cause mild respiratory tract irritation
- **Ingestion** – May cause stomach distress, nausea or vomiting
- **Skin Contact** – May cause slight irritation
- **Eye Contact** – May cause mild to moderate irritation

#### Information on toxicological effects

- **Symptoms** – No information available

#### Delayed, immediate, or chronic effect from short- and long-term exposure

- **Sensitization** – No information available
- **Mutagenic Effects** - No information available
- **Carcinogenicity** – Not listed in OSHA, NTP, IARC or ACGIH

- **Reproductive Toxicity** - No information available
- **STOT – single exposure** - No information available
- **STOT – repeated exposure** - No information available
  - **Chronic Toxicity** – No information available
  - **Target Organ Effects** - No information available
- **Aspiration Hazard** - No information available

### Section 12: Ecological Information

**Ecological Effects** - No Information Available

**Persistence and Degradability** - No information available

**Bioaccumulation** - No information available

**Other Adverse Effects** - Prevent entry into sewers or waterways as this fertilizer will encourage excessive algae growth.

### Section 13: Disposal Consideration

Waste treatment methods

- **Disposal methods** – This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261). Consult the appropriate state, regional, or local regulations for additional requirements.
- **Contaminated Packaging** – Dispose of contents/containers in accordance with local regulations.

### Section 14: Transport Information

**DOT** - Not Regulated

- **Shipping Name** – Not Regulated
- **Hazard Class** – N/A
- **Label** – None

**TDG** – Not Regulated

**MEX** - Not Regulated

**ICAO** - Not Regulated

**IATA** - Not Regulated

- **Proper Shipping Name** - Not Regulated
- **Hazard Class** – N/A

**IMDG/IMO** - Not Regulated

- **Hazard Class** – N/A

**RID** - Not Regulated

**ADR** - Not Regulated

**ADN** - Not Regulated

**Section 15: Regulatory Information**

**International Inventories:**

TSCA – Complies

DSL – All components are listed either on the DSL or NDSL

**TSCA** – Unites States Toxic Substances Control Act Section 8(b) Inventory

**DSL/NDSL** – Canadian Domestic Substances List/Non-Domestic Substances List

**US Federal Regulations:**

**SARA Title 313, Toxic chemicals** – None

**SARA 311/312 Hazard Categories**

**Acute Health Hazard** – No

**Chronic Health Hazard** – No

**Fire Hazard** – No

**Sudden release of pressure hazard** – No

**Reactive Hazard** – No

**CWA (Clean Water Act)** – This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

**CERCLA** – This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

**US State Regulation:**

**California Proposition 65**

This product does not contain any Proposition 65 chemicals

**U.S. State Right-to-Know Regulations**

None

**International Regulations:**

**Canada**

**WHMIS Hazard Class**

Non-controlled

**Section 16: Other Information**

|             |                          |                        |                           |   |
|-------------|--------------------------|------------------------|---------------------------|---|
| <b>NFPA</b> | <b>Health Hazards: 0</b> | <b>Flammability: 0</b> | <b>Instability: 0</b>     | <b>Physical and Chemical Hazards: -</b> |
| <b>HMIS</b> | <b>Health Hazards: 0</b> | <b>Flammability: 0</b> | <b>Physical Hazard: 0</b> | <b>Personal Protection X</b>            |

**Prepared By:**

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Platteville, CO 80651  
303-659-6003

**Date:**

November 18, 2015

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