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## Material Safety Data Sheet

Date Prepared: August 26, 2021

Product Name: **Green Activator Fertilizer Solution**

**Section 1: Manufacturer's Information**

Ag Logic Distributors, LLC 641-366-3051  
15930 330<sup>th</sup> St.  
Conrad, IA 50621  
Growth Booster for Lawn & Turf Fertilizer

**Section 2: Hazardous Ingredients/Identity Information**

	Weight %	Exposure Limit
Water (H <sub>2</sub> O)	16%	N/A
Humates (Lignite)	20%	N/A
Nitrogen	45%	N/A
Phosphoric Acid	12%	N/A
Caustic Potash	7%	N/A

**Section 3: Information on Ingredients**

Chemical Family: Humates  
Common Name: Hum organic fertilizer  
NFPA/HMIS: Health-0, Fire-N/A, Reactivity-0, Specific Hazard-0  
DOT Class: Not regulated

**Section 4: Health Hazard Data**

Routes of Entry: Inhalation – No  
Skin – Yes  
Eyes – Yes  
Ingestion – No  
Health Hazards (acute & chronic): None  
Carcinogenicity: None known  
Signs & Symptoms of Exposure: May cause skin irritation with repeated  
Exposure, eye irritation  
Medical Conditions  
Aggravated by Exposure: None known  
Emergency & First Aid Procedure: Eyes – flush with water, see physician  
if discomfort persists, Skin – wash with  
water

**Section 5: Fire & Explosion Information**

Flash Point: 400 F Cleveland Cup  
Flammable Limits: N/A  
Extinguishing Media: Foam, Water Fog  
Special Fire Procedures: N/A  
Unusual Fire & Explosive Hazards: None

**Section 6: Precautions for Safe Handling and Use**

Steps to be taken in case material  
Is released or spilled: If liquid, flush with water  
If dried, scrape up and remove  
Avoid breathing dust  
Waste Disposal Method: Follow federal, state and local regulations  
For liquid and solid waste disposal  
Precautions to be taken in  
Handling and Storing: Avoid breathing dust if dry  
Other Precautions: None

**Section 7: Handling and Storage**

Precautionary labeling: Hazardous if swallowed, keep away from children,  
avoid prolonged contact with skin, flush with water  
in case of eye contact.  
Other handling and  
Storage conditions: None

**Section 8: Precautions for Safe Handling**

Steps to be taken in case material  
Is released or spilled: If liquid, flush with water  
If dried, scrape up and remove  
Avoid breathing dust  
Waste Disposal Method: Follow federal, state and local regulations  
For liquid and solid waste disposal  
Precautions to be taken in  
Handling and Storing: Avoid breathing dust if dry  
Other Precautions: None

**Section 9: Physical/Chemical Characteristics**

Appearance/Odor: Dark Brown, Odorless  
Vapor Pressure: N/A  
Solubility in Water: 100%  
Freezing Point (F): 32 F  
PH: < 5  
Specific Gravity: 1.6  
Volatile by Volume: 20%  
Vapor Density: N/A  
Boiling Point (F): 400 F  
Evaporation Point: N/A  
Weight per gallon: 10.8 lbs

**Section 10:      Reactivity Data**

Stability:	Stable
Conditions to Avoid:	None known
Incompatibility (Materials to Avoid):	Active Metals
Hazardous Decomposition:	None known
Hazardous By-products:	None known
Hazardous Polymerization:	Will not occur
Conditions to Avoid:	None known

**Section 11:      Toxicological Information**

Signs & Symptoms of Exposure:    May cause skin irritation with repeated  
Exposure, eye irritation

**Section 12-15    Non Mandatory**

**Section 16      Other Information**

**Use water conditioner**  
**Shake well before using**  
**Store above 40° F**

The information herein has been compiled from sources believed to be reliable and is accurate to the best of our knowledge. However, no guarantees are given, conditions of use and suitability of the product for particular use are beyond our control; all risks of use of the product are therefore assumed by the user and **we expressly disclaim all warranties of every kind and nature, including warranties of merchantability and fitness for a particular purpose in respect to the use or suitability of the product.** Appropriate warnings and safe handling procedures should be provided to handlers and users.