



# Safety Data Sheet

## Organic Soil Booster™

### Trade secret statement (OSHA 1910.1200(i))

The manufacturer lists no ingredients as hazardous according to OSHA 29 CFR 1910.1200.

Designates that a specific chemical identity and/or composition percentage has been withheld as a trade secret.

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## SECTION 4: First-aid measures

### 4.1 Description of necessary first-aid measures

General advice: Treat symptomatically.

It is not expected to present a significant hazard under anticipated conditions of normal use.

If inhaled, Move to fresh air. Call a physician if symptoms develop or persist.

In case of skin contact, wash it off with soap and water. Get medical attention if irritation develops and persists.

Direct contact with the eyes may cause temporary irritation.

In case of eye contact, rinse it with water. Get medical attention if irritation develops and persists.

If swallowed,

Rinse mouth. Get medical attention if symptoms occur.

### 4.2 Most important symptoms/effects, acute and delayed

Treat symptomatically.

### 4.3 Indication of immediate medical attention and special treatment needed, if necessary

Treat symptomatically.

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## SECTION 5: Fire-fighting measures

### 5.1 Suitable extinguishing media

Water fog. Foam. Dry chemical powder. Carbon dioxide (CO<sub>2</sub>).

Do not use a water jet as an extinguisher, which will spread the fire.

### 5.2 Specific hazards arising from the chemical

During a fire, gases hazardous to health may be formed.

### 5.3 Special protective actions for fire-fighters

Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

### Further information

Use standard firefighting procedures and consider the hazards of other involved materials. No unusual fire or explosion hazards were noted.

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## SECTION 6: Accidental release measures

### 6.1 Personal precautions, protective equipment, and emergency procedures

Ensure adequate ventilation. Use personal protective equipment. For personal protection, see section 8.

### 6.2 Environmental precautions

Avoid discharge into drains, water courses, or onto the ground.

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

### 6.3 Methods and materials for containment and cleaning up

Large Spills: Stop the material flow if this is done without risk. Dike the spilled material, where this is possible. Cover with a plastic sheet to prevent spreading. Absorb in vermiculite, dry sand, or earth and place into containers. Following product recovery, flush the area with water.

Small Spills: Wipe with absorbent material (e.g., cloth, fleece). Clean the surface thoroughly to remove residual contamination.

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## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

Observe good industrial hygiene practices.

### 7.2 Conditions for safe storage, including any incompatibilities

Store in the original tightly closed container. Store away from incompatible materials (see Section 10 of the SDS).

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## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

#### 1. UG Proprietary Blend of Non-Hazardous Ingredients

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### 8.2 Appropriate engineering controls

Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. Use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.

### 8.3 Individual protection measures, such as personal protective equipment (PPE)

#### Eye/face protection

Wear safety glasses with side shields (or goggles).

#### Skin protection

Wear appropriate chemical-resistant gloves. Wear suitable protective clothing.

#### Body protection

Wear suitable protective clothing, Such as appropriate chemical-resistant aprons and boots.

#### Respiratory protection

In case of insufficient ventilation, wear suitable respiratory equipment. Respiratory protection is not required.

#### Thermal hazards

Wear appropriate thermal protective clothing when necessary.

#### Environmental exposure controls

Prevent further leakage or spillage if it is safe to do so. Do not let the product enter drains. Discharge into the environment must be avoided.

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## SECTION 9: Physical and chemical properties

### Basic physical and chemical properties

Physical state	Liquid
Appearance	Clear
Color	Tan to Brown
Odor	Earthy. Musky.
Odor threshold	Not available.
Melting point/freezing point	Not available.
Boiling point or initial boiling point and boiling range	Not available.
Flammability	Not Flammable
Lower and upper explosion limit/flammability limit	Not available.
Flash point	Not available.
Auto-ignition temperature	Not available.
Decomposition temperature	Not available.
pH	4.5-5.5
Kinematic viscosity	Not available.
Solubility	Soluble
Partition coefficient n-octanol/water (log value)	Not available.
Vapor pressure	>1
Evaporation rate	Not available.
Density and/or relative density	1.05
Relative vapor density	Not available.

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## SECTION 10: Stability and reactivity

### 10.1 Reactivity

The product is stable and non-reactive under regular use, storage, and transport conditions.

### 10.2 Chemical stability

Material is stable under normal conditions.

### 10.3 Possibility of Hazardous Reactions

Hazardous polymerization does not occur.

### 10.4 Conditions to avoid

Contact with incompatible materials.

### 10.5 Incompatible materials

Strong oxidizing agents.

### 10.6 Hazardous decomposition products

No hazardous decomposition products are known.

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## SECTION 11: Toxicological information

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### Information on toxicological effects

#### Acute toxicity

Humic Acids (1415-93-6):  
LD50 oral rat 111 mg/kg  
ATE US (oral) 111.00000000 mg/kg body weight  
Information on likely routes of exposure --  
Inhalation: No adverse effects are expected.  
Skin contact: No adverse effects are expected due to skin contact.  
Eye contact: Ingestion Direct contact with the eyes may cause temporary irritation.  
Ingestion: Expected to be a low ingestion hazard.  
Symptoms related to the physical, chemical, and toxicological characteristics.

#### Skin corrosion/irritation

No adverse effects due to skin contact are expected.

#### Severe eye damage/irritation

Direct contact with the eyes may cause temporary irritation.

#### Respiratory or skin sensitization

No adverse effects due to inhalation are expected.  
Not a respiratory sensitizer.

#### Germ cell mutagenicity

No data is available to indicate that the product or any components present at greater than 0.1% are mutagenic or genotoxic.

#### Carcinogenicity

IARC, ACGIH, NTP, or OSHA do not consider this product a carcinogen.

#### Reproductive toxicity

This product is not expected to cause reproductive or developmental effects.

#### Specific target organ toxicity (STOT) - single exposure

Not classified.

#### Specific target organ toxicity (STOT) - repeated exposure

Not classified.

#### Aspiration hazard

Based on available data, classification data are not met.

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### SECTION 12: Ecological information

#### Toxicity

The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can harm or damage the environment.

#### Persistence and degradability

No data on the degradability of this product is available.

#### Bioaccumulative potential

No data on the degradability of this product is available.

#### Mobility in soil

No data on the degradability of this product is available.

#### Other adverse effects

No other adverse environmental effects (e.g., ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

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### SECTION 13: Disposal considerations

#### Disposal methods

##### Product disposal

Collect, reclaim, or dispose of in sealed containers at licensed waste disposal sites.

##### Packaging disposal

Dispose of by local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of safely (see Disposal instructions).

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### Waste treatment

Do not allow to enter storm drains or waterways.

### Sewage disposal

Do not allow products to enter sewage systems.

### Other disposal recommendations

Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after the container is emptied.

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## SECTION 14: Transport information

### DOT (US)

Not dangerous goods

### IMDG

Not dangerous goods

### IATA

Not dangerous goods

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## SECTION 15: Regulatory information

### 15.1 Safety, health, and environmental regulations specific to the product in question

#### US EPA TSCA public inventory

Chemical name: Humic Acid

CAS number: 1415-93-6

### 15.2 Chemical Safety Assessment

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D) Not regulated.

CERCLA Hazardous Substance List (40 CFR 302.4) Not listed.

SARA 304 Emergency release notification Not regulated.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

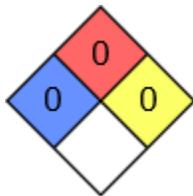
SARA 302 Extremely hazardous substance Not listed. SARA 311/312 Hazardous chemical

SARA 313 (TRI reporting) Not regulated. No

#### HMIS Rating

Organic Soil Booster	
HEALTH	0
FLAMMABILITY	0
PHYSICAL HAZARD	0
PERSONAL PROTECTION	A

#### NFPA Rating



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## SECTION 16: Other information

### 16.1 Further information/disclaimer

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