SECTION 1 — CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

<table>
<thead>
<tr>
<th>Product Identifier</th>
<th>BIOMATE</th>
<th>[WHMIS Classification]</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product Use</td>
<td>SOIL / PLANT AMENDMENT</td>
<td></td>
</tr>
<tr>
<td>Manufacturer’s Name</td>
<td>BIOVANTE</td>
<td></td>
</tr>
<tr>
<td>Supplier’s Name</td>
<td>BIOVANTE</td>
<td></td>
</tr>
<tr>
<td>Street Address</td>
<td>601 S WALNUT STE B</td>
<td></td>
</tr>
<tr>
<td>City</td>
<td>MO</td>
<td></td>
</tr>
<tr>
<td>State</td>
<td>MO</td>
<td></td>
</tr>
<tr>
<td>Postal Code</td>
<td>63822</td>
<td></td>
</tr>
<tr>
<td>Manufacturer’s Telephone</td>
<td>573-625-8500</td>
<td></td>
</tr>
<tr>
<td>Street Address</td>
<td>601 S WALNUT STE B</td>
<td></td>
</tr>
<tr>
<td>City</td>
<td>BERNIE</td>
<td></td>
</tr>
<tr>
<td>State</td>
<td>MO</td>
<td></td>
</tr>
<tr>
<td>Postal Code</td>
<td>63822</td>
<td></td>
</tr>
<tr>
<td>Emergency Telephone</td>
<td>1-800-262-8200 (Chem Trec)</td>
<td></td>
</tr>
<tr>
<td>Date SDS Prepared</td>
<td>3/9/15</td>
<td></td>
</tr>
<tr>
<td>SDS Prepared By</td>
<td>Midwest Laboratories, Inc.</td>
<td></td>
</tr>
<tr>
<td>Phone Number</td>
<td>402-334-7770</td>
<td></td>
</tr>
</tbody>
</table>

SECTION 2 — COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Hazardous Ingredients (specific)</th>
<th>%</th>
<th>CAS Number</th>
<th>LD_{50} of Ingredient (specify species and route)</th>
<th>LC_{50} of Ingredient (specify species)</th>
</tr>
</thead>
<tbody>
<tr>
<td>None known</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
</tbody>
</table>

SECTION 3 — HAZARDS IDENTIFICATION

Route of Entry: ☑ Skin Contact ☑ Skin Absorption ☑ Eye Contact ☐ Inhalation ☐ Ingestion

Emergency Overview:
Material, when handled properly, should not require emergency precautions.

WHMIS Symbols

Flammability
Health 1
Instability 0

Potential Health Effects:
Skin and/or eye irritations if individual is hypersensitive to carrier or active ingredient.

SECTION 4 — FIRST AID MEASURES

Skin Contact:
Flush with water. Contact physician if irritation persists.

Eye Contact:
Flush with water. Contact physician if irritation persists.

Inhalation:
Remove to fresh air.

Ingestion:
N/A
SECTION 5 — FIRE FIGHTING MEASURES

<table>
<thead>
<tr>
<th>Flammable</th>
<th>☐ Yes</th>
<th>☑ No</th>
<th>If yes, under which conditions?</th>
</tr>
</thead>
<tbody>
<tr>
<td>Means of Extinguishment</td>
<td>Material is not flammable.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Flashpoint (°C) and Method</th>
<th>Upper Flammable Limit (% by volume)</th>
<th>Lower Flammable Limit (% by volume)</th>
</tr>
</thead>
<tbody>
<tr>
<td>&gt; 100°C by ASTM D93</td>
<td>Not flammable</td>
<td>Not flammable</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Autoignition Temperature (°C)</th>
<th>Explosion Data — Sensitivity to Impact</th>
<th>Explosion Data — Sensitivity to Static Discharge</th>
</tr>
</thead>
<tbody>
<tr>
<td>Not flammable</td>
<td>Not explosive</td>
<td>Not explosive</td>
</tr>
</tbody>
</table>

Hazardous Combustion Products
No known hazardous combustion products.

[NFPA]
Not listed

SECTION 6 — ACCIDENTAL RELEASE MEASURES

Leak and Spill Procedures
Absorb with a general absorbent such as sand, dirt, or kitty litter. Prevent materials from entering lakes, streams, or storm water.

SECTION 7 — HANDLING AND STORAGE

Handling Procedures and Equipment
No special handling required.

Storage Requirements
Store in a cool, dry place in a leak-proof container.

SECTION 8 — EXPOSURE CONTROL / PERSONAL PROTECTION

<table>
<thead>
<tr>
<th>Exposure Limits</th>
<th>☐ ACGIH TLV</th>
<th>☐ OSHA PEL</th>
<th>☐ Other (specify) NIOSH</th>
</tr>
</thead>
<tbody>
<tr>
<td>Not listed</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Specific Engineering Controls (such as ventilation, enclosed process)
No special engineering controls required.

Personal Protective Equipment
☐ Gloves  ☐ Respirator  ☐ Eye  ☐ Footwear  ☐ Clothing  ☐ Other

If checked, please specify type
General purpose gloves if handling in large quantities. Always wear protective eyewear.

SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Physical State</th>
<th>Odor and Appearance</th>
<th>Odor Threshold (ppm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Liquid</td>
<td>Tan liquid with a sour odor</td>
<td>Not tested</td>
</tr>
</tbody>
</table>

Specific Gravity
1.060 g/mL at 25°C

Vapor Density (air = 1)
Not tested

Boiling Point (°C)
100°C

Freezing Point (°C)
≤ 0°C

Coefficient of Water/Oil Distribution
Not tested

[Solubility in Water]
Fully soluble
SECTION 10 — STABILITY AND REACTIVITY

Chemical Stability  ☑ Yes  ☐ No
If no, under which conditions?
Incompatibility with Other Substances  ☑ Yes  ☐ No
If yes, which ones?
Reactivity and under what conditions?
Non-reactive to acid, base, and water.
Hazardous Decomposition Products
No known hazardous decomposition products.

SECTION 11 — TOXICOLOGICAL INFORMATION

Effects of Acute Exposure
No specific conditions. If allergic, could exhibit symptoms of watery eyes and skin irritation.
Effects of chronic exposure
No known chronic effects.

Irritancy of Product
Mild irritant
Skin sensitization
Respiratory sensitization
Mild sensitizer
Mild sensitizer
Carcinogenicity- IARC
Not listed
Carcinogenicity - ACGIH
Not listed
Reproductive toxicity
Teratogenicity
Not listed
Embryotoxicity
Mutagenicity
Not listed
Name of synergistic products/effects
None known

SECTION 12 — ECOLOGICAL INFORMATION

[Aquatic Toxicity]
Material may increase organic load in streams or lakes.

SECTION 13 — DISPOSAL CONSIDERATIONS

[Water Disposal]
May be absorbed with a general absorbent such as sand, dirt, or kitty litter. Prevent materials from entering lakes, streams, or storm water. Follow all federal, state, and local regulations.

SECTION 14 — TRANSPORT INFORMATION

Special Shipping Information
No special shipping requirements.

TDG
Not listed
[DOT]
Not listed
IMO
[ICAO]
Not listed

SECTION 15 — REGULATORY INFORMATION

[WHMIS Classification]
Not listed
[OSHA]
Not listed
[SERA]
Not listed
[TSCA]
Not listed

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all of the information required by CPR.
SECTION 16 — OTHER INFORMATION

| This information hereby is furnished without warranty of any kind. Individual handling the product should only use this information as supplemental information to others gathered. The information used by the parties handling and using the product need to be aware of proper use and disposal of the material. |