



REBUILD. RESTORE. RENEW.

## MATERIAL SAFETY DATA SHEET

### I. Product Identification

PRODUCT NAME: **Lawn & Garden + Humus** (Seed and Soil Inoculant)

*Approved for Organic production programs*

Manufacturer: Bio-S.I. Technology, LLC  
P.O. Box 784  
Argyle, Texas 76226

Materials/components: Lawn & Garden + Humus contains a broad and diverse population of naturally occurring soil microbes in water plus 400 ppm natural humus.

**Guaranteed Analysis:** Min. 20 million CFU/ml

Flavobacterium spp.16%, Psuedomonas spp.14%, Arthrobacter sp. 8%,  
Cellumonas cellulans 8%,Corynebacterium(Coryneforms)8%, Alcaligenes spp.6%, Psuedomonas Alcaligenes  
6%, Bacillus subtillis 5%, Psuedomonas pseudoalcaligenes 5%, Bacillus pumulis 5%, Streptomyces 2%,  
Rhodococcus sp.2%, Acinetobacter calcoaceticum 2%, Bacillus licheniformis 2%,Streptomces spp.1%,  
Rhodococcus sp.1%,Azotobacter venelandii 1%. Humus 300ppm or 0.03%

### II. Physical data

|                |                |             |       |
|----------------|----------------|-------------|-------|
| Boiling Point  | 212 Degrees F. | Solubility  | 100%  |
| Vapor Pressure | 17 mm hg       | Sp. Gravity | 1.050 |

Appearance and Odor: Dark brown with some earthy odor

### III. Fire and Explosion Hazard Data

|                                 |               |               |
|---------------------------------|---------------|---------------|
| Flash Point                     | Non-flammable | Non-explosive |
| Special Fire Fighting Procedure | N/A           |               |

### IV. Reactive Data

Stability Stable      Non corrosive      **Will stain porous surfaces and clothing**  
**Incompatibility:** Pesticides, fungicides, some herbicides (**always jar test**)

### V. Health and First Aid Data

|                                 |   |
|---------------------------------|---|
| Ingestion: can cause diarrhea   | Internal: Rinse mouth, consult Physician        |
| Eye Contact: slight irritation  | Eyes: Irrigate with water and consult Physician |
| Skin Contact: slight irritation | Skin: Wash with soap and water                  |

### VI. Special Handling

Eye protection goggles      Hand protection rubber gloves  
Avoid eye and skin contact \* **DO NOT X-RAY** \* **DO NOT FREEZE** \* Optimum Storage Store indoors in  
a shaded /cool area not above 130 degrees F. Do not store in direct sunlight due to possible overheating.

### VII. Spill or Leak procedures

Spill or leak: contain liquid-mop or vacuum up into storage drum then rinse with water – No special  
disposal/handling procedures are required. *May stain porous surfaces and clothing.*

### VIII. Hazard Rating

**1 - None 2 - Slight 3 - Moderate 4 - High 5 – Extreme**  
*Toxicity – 1      Reactivity – 2      Environmental – 1*

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