MATERIAL SAFETY DATA SHEET

I. Product Identification
PRODUCT NAME: M-R-S #7 (Microbial Remediation Solution)
Manufacturer: Bio-S.I. Technology, LLC
P.O. Box 784
Argyle, Texas 76226

Active Ingredients: Enzymes with a broad and diverse population of naturally occurring soil microbes in water plus 1200 ppm natural humus.

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 if ingested 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
KEEP OUT OF REACH OF CHILDREN

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

VII. Spill or Leak procedures
Spill or leak: contain and mop or vacuum up into storage drum then rinse with water – No special disposal/handling procedures are required. Product may stain porous surfaces and clothing.

IX. Hazard Rating
1 - None 2 - Slight 3 - Moderate 4 - High 5 – Extreme
Toxicity – 1 Reactivity – 2 Environmental – 1

No warranty expressed or implied
Copyright Bio-S.I. Technology, LLC. 2013
Phone: 940-648-2425 Fax: 940-648-5939 P.O. Box 784, Argyle, Texas 76226
HAZARD RATING
0-None 1-Slight 2-Moderate 3-High 4-Extreme

<table>
<thead>
<tr>
<th>Hazard</th>
<th>Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fire</td>
<td>0</td>
</tr>
<tr>
<td>Toxicity</td>
<td>1</td>
</tr>
<tr>
<td>Reactivity</td>
<td>1</td>
</tr>
</tbody>
</table>

CAS No.: Not assigned/Mixture  Chemical formula: Not listed  OSHA PEL: None  ACGIH TLV: None

PRODUCT NAME: Activator
Material or Component: Mixture of natural organic products in water with sub-bituminous humic and fulvic substance containing plant residues. Fulvic Acid … 4.00%  Manufactured by Ag & Organics, Edinburg, Texas.

Physical Data
Boiling Point……………………………….212°F  Solubility in Water…………………………..Soluble
Vapor Press……………………………..N/A  Sp. Gravity……………………………………….1.1
Appearance……………………………..Dark brown to black liquid  Evaporation rate……………………………STP
Odor……………………………………Pungent  pH………………………………………………..11-13

Fire and Explosion Hazard Data
Flash Point…………………………………Nonflammable  Extinguishing Media………………………..N/A
Special Fire Fighting Procedure……………N/A  Unusual Fire and Explosion Hazard…………N/A

Reactive Data
Stability…………………………………Stable  Hazardous Polymerization…………………………N/A
Incompatibility…………………………None  Hazardous Decomposition or Byproducts…..None

NOTE: Jar test before mixing with multiple chemicals

Health Hazard Data
Carcinogenicity…………………………None  Internal..........Rinse mouth, consult physician
Ingestion Symptoms……………………..Slight Irritation  Inhalation…..Remove to fresh air
Eye Contact Symptoms……………………Slight Eye Irritation  Eyes………………Irrigate with water, consult physician
Skin Contact Symptoms………………..Slight Irritation  Skin………………Wash in flowing water

Precautions for Special Handling and Use
Eye Protection……………………………..Goggles  Protective Clothing…………………………..Rubber Gloves
Avoid Eye and Skin Contact
Precautions to be taken in handling and storage: DO NOT FREEZE. WILL STAIN CLOTHING AND SURFACES. May be stored outdoors temporarily. Optimum Storage: Store indoors in a shaded and cool area.

Spill or Leak Procedures
ACTION TO TAKE FOR SPILLS: CONTAIN SPILL, MOP UP OR VACUUM, RECOVER, RECLAIM, & RECYCLE. DISPOSAL OF HUMIC ACID MAY BE SUBJECT TO FEDERAL, STATE, AND LOCAL REGULATIONS. USERS OF THIS PRODUCT SHOULD REVIEW THEIR OPERATIONS IN TERMS OF APPLICABLE FEDERAL, STATE, AND LOCAL LAWS AND REGULATIONS, THEN CONSULT WITH APPROPRIATE REGULATORY AGENCIES BEFORE DISCHARGING OR DISPOSING OF WASTE MATERIAL.

No warranty expressed or implied.
MATERIAL SAFETY DATA SHEET

HAZARD RATING

<table>
<thead>
<tr>
<th>Hazard</th>
<th>Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fire</td>
<td>0</td>
</tr>
<tr>
<td>Toxicity</td>
<td>0</td>
</tr>
<tr>
<td>Reactivity</td>
<td>0</td>
</tr>
</tbody>
</table>

CAS No.: Not assigned/Mixture  Chemical formula: Not listed  OSHA PEL: None  ACGIH TLV: None

PRODUCT NAME: Melaco
Material or Component: Inverted syrup from the juice of sugarcane (molasses).

Physical Data
Boiling Point: 212°F
Vapor Press: N/A
Appearance: Dark brown viscous liquid
Odor: Fruity sweet
Solubility in Water: Soluble
Sp. Gravity: 1.4
Evaporation rate: STP
pH: 5.1

Fire and Explosion Hazard Data
Flash Point: Will burn under extreme heat
Extinguishing Media: Water
Special Fire Fighting Procedure: N/A
Unusual Fire and Explosion Hazard: N/A

Reactive Data
Stability: Stable
Incompatibility: None
Hazardous Polymerization: N/A
Hazardous Decomposition or Byproducts: None

Health Hazard Data
First Aid
Carcinogenicity: None
Internal: Rinse mouth
Ingestion Symptoms: Slight Irritation
Inhalation: N/A
Eye Contact Symptoms: Slight Eye Irritation
Eyes: Irrigate with water
Skin Contact Symptoms: Slight Irritation
Skin: Wash in flowing water

Precautions for Special Handling and Use
Eye Protection: Goggles
Protective Clothing: Rubber Gloves
Precautions to be taken in handling and storage: Keep container vented to allow release of CO₂ produced by natural yeast. May be stored outdoors temporarily. Optimum Storage: Store indoors in a shaded and cool area.

Spill or Leak Procedures
ACTION TO TAKE FOR SPILLS: CONTAIN SPILL, MOP UP OR VACUUM, RECOVER, RECLAIM, & RECYCLE. DISPOSAL OF HUMIC ACID MAY BE SUBJECT TO FEDERAL, STATE, AND LOCAL REGULATIONS. USERS OF THIS PRODUCT SHOULD REVIEW THEIR OPERATIONS IN TERMS OF APPLICABLE FEDERAL, STATE, AND LOCAL LAWS AND REGULATIONS, THEN CONSULT WITH APPROPRIATE REGULATORY AGENCIES BEFORE DISCHARGING OR DISPOSING OF WASTE MATERIAL.

No warranty expressed or implied.