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| **Material Safety Data Sheet** |

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| **Supplier's Name:** **Terawet Green Technologies, Inc,** |
| **Registered Office**: 8729 Graves Avenue, Suite 3F, Santee, CA 92071  E-Mail: info@terawet.com  Contact: +1 619 516-0130 |

**1. MANUFACTURER AND PRODUCT IDENTIFICATION**

**Manufacturer's Cage Code: MMXX**

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| **Manufacturer's Name: Terawet Green Technologies, Inc.** |

**Product Trade Name:** **Microbe MAXX**

**Product Description:** All natural soil inoculants that provides beneficial micro-flora to the soil

**Recommended Use:**  Agricultural product used as a soil inoculant

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IT IS THE USER'S RESPONSIBILITY BOTH TO DETERMINE SAFE CONDITIONS FOR USE OF THIS PRODUCT AND TO ASSSUME LIABILITY FOR LOSS, INJURY, OR EXPENSE RESULTING FROM IMPROPER USE OF THIS PRODUCT.

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| NFPA Hazard Ratings:0=Minimal, 1=Slight, 2=Moderate, 3=Serious, 4=Severe |

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| Health=1 | Fire=1 | Reactivity=1 |

**2. COMPOSITION INFORMATION**

**Active Ingredients**

**ACTIVES: Percent Hazardous Nature**

Non GMO, Naturally occurring, GRAS, Soil Microflora 1 – 5 Not found

Bacillus mycoides

Bacillius subtillis

Bacillus megaterium

Bacillus thuringiensis

Bacillus polymyxa

Bacillus pumilus

Trichoderma harzianum

Trichoderma reesei

Trichoderma viride

Trichoderma kiningii

Trichoderma polysporum

Rhodopseudomonas pulustris

**3. HAZARDS IDENTIFICATION**

**Emergency Overview**

As part of good industrial and personal hygiene and safety procedure, avoid all unnecessary exposure to the chemical substance and ensure prompt removal from skin, eyes and clothing.

**Rated on the 1 to 10 scale as:**

**Health rating:** 1 – slight

**Flammability rating:** 1 – slight

**Reactivity rating:** 1 – slight

**Contact rating:** 1 – slight

**Lab protective equipment’s:** Goggles, Lab Coat

**Potential Health Effect**

**Inhalation:** No adverse health effect expected from inhalation

**Ingestion:** No adverse health effect expected from inhalation

**Skin contact:**  No adverse health effect expected

**Eye contact:** No adverse health effect expected

**Chronic exposure:** No information found

**Aggravation of pre-existing condition:** No information found

**4. FIRST AID MEASURES**

**Inhalation:**

Not expected to require first aid measures.

Remove to fresh air.

Get medical attention for any breathing difficulty.

**Ingestion:**

If large volumes were swallowed, give water to drink, and get medical advice.

**Skin contact:**

Wash exposed area with soap and water.

Get medical advice if irritation develops.

**Eye contact:**

Wash thoroughly with running water.

Get medical advice if irritation develops.

**5. FIRE FIGHTING MEASURES**

**Fire:**

As the most organic solids, fire is possible at elevated temperature or by contact with an ignition source

**Explosion:**

Fine dust dispersed in air in sufficient concentrations, and in the presence of an ignition source is a potential dust explosion hazard.

**Fire Extinguishing Media:**

Water spray, dry chemical, appropriate foam, or carbon dioxide.

**Special Information:**

In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full face piece operated in the pressure demand or other positive pressure mode.

**6. ACCIDENTAL RELEASE MEASURES**

Remove all sources of ignition.

Ventilate area of leak or spill.

Wear appropriate personal protective equipment as specified in Section 8.

**Spills:**

Clean up spills in a manner that does not disperse dust into the air.

Use non-sparking tools and equipment.

Reduce airborne dust and prevent scattering by moistening with water.

Pick up spill for recovery or disposal and place in a closed container.

**7. HANDLING AND STORAGE**

Keep in a tightly closed container, stored in a cool, dry, ventilated area.

Protect against physical damage.

Isolate from incompatible substances.

Containers of this material may be hazardous when empty since they retain product residues (dust, solids); observe all warnings and precautions listed for the product.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Airborne Exposure Limits:** None established.

**Ventilation System:** Not expected to require any special ventilation.

**Personal Respirators (NIOSH Approved):** Not expected to require personal respirator usage.

**Skin Protection:** Wear protective gloves and clean body- covering clothing.

**Eye Protection:** Use chemical safety goggles.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Description:** Water Soluble Powder, Sweet in taste.

**Odor:** Characteristic odor

**Solubility:** Highly Soluble in Water, Sparingly soluble in alcohol.

**% Moisture at 105º C**: 7.5 to 9.5

**% Sulphated ash (Max):** 0.1

**Acidity for 5 grams (Max):** 0.125 ml of 0.1N NaOH

**Specific rotation 10% w/v at 25ºC:** +52.50to 53.20

**Dextrins & less soluble sugars:** Passes the test as per IP / BP / USP

**Chlorides:** Not more than 125 ppm

**Arsenic:** Not more than 1 ppm

**Heavymetal:** Not more than 5 ppm

**Sulphates:** Not more than 200 ppm

**pH (0.5 M Aque. Solution):** 5.5-7.5

**Melting Point:**  ca 148 – 155o C

**10. STABILITY AND REACTIVITY**

**Stability:**

Stable under ordinary conditions of use and storage.

**Hazardous Decomposition Products:**

Carbon dioxide and carbon monoxide may form when heated to decomposition.

**Hazardous Polymerization:**

Will not occur.

**Incompatibilities:**

Strong oxidizers.

**Conditions to Avoid:**

Heat, moisture, ignition and incompatibles.

**11. TOXICOLOGICAL INFORMATION**

**Acute effects**

May be harmful by inhalation, ingestion, or skin absorption.

May cause irritation.

**Anhydrous Dextrose Toxicity Data**

**Oral-rat ld50:** 25800 mg /kg

**LD i.v. in rabbit:** 35 gm /kg.

**12. ECOLOGICAL INFORMATION**

**Environmental Fate:** No information found.

**Environmental Toxicity:** No information found.

**13. DISPOSAL CONSIDERATIONS**

Whatever cannot be saved for recovery or recycling should be managed in an appropriate and approved waste disposal facility.

Processing, use or contamination of this product may change the waste management options.

State and local disposal regulations may differ from federal disposal regulations.

Dispose of container and unused contents in accordance with federal, state and local requirements.

**14. TRANSPORT INFORMATION**

Not regulated.

**15. REGULATORY INFORMATION**

No special information is available.

**16: OTHER INFORMATION**

**References:** Not available.

**Other Special Considerations:** Not available.

**Created:**  31st March 2016

**Last Updated:**

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