



SECTION I – IDENTIFICATION

**PRODUCT IDENTIFIER:** Inocucor Garden Solution

**OTHER MEANS OF IDENTIFICATION:** ATCC patent deposit: PTA 12383

**RECOMMENDED USE / RESTRICTIONS ON USE:** Biological surfactant consortia

**RESPONSIBLE PARTY:**

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SECTION II – HAZARDS IDENTIFICATION

**GHS HAZARD CLASSIFICATION:** Not classified

**GHS LABEL ELEMENTS:** None

**UNCLASSIFIED HAZARDS:** No hazards or adverse effects have been identified

**PERCENTAGE OF INGREDIENTS WITH UNKNOWN TOXICITY:** None

SECTION III – COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient Name	CAS Number	OSHA PEL	ACGIH
Sea salt	7647-14-5	NA	NA
Wheat extract	116469-8-4	NA	NA
Kelp extract	NA	NA	NA
Molasses	68476-78-8	NA	NA
Viable Probiotics cultures	NA	NA	NA
Water	7732-18-5	NA	NA

Microbial Cultures	CAS number	OSHA PEL	ACGIH
Bacillus subtilis IN-BS1 ATCC: PTA-12385	68038-69-7	NA	NA
Lactobacillus helveticus IN-LH1 ATCC:PTA-12386	NA	NA	NA
Saccharomyces cerevisiae IN-SC1 ATCC: PTA 12384	68876-77-7	NA	NA
Rhodopseudomonas palustris IN-RP1 ATCC: PTA 12387	NA	NA	NA



The specific chemical identities and percentages of composition have been withheld as trade secrets.

#### **SECTION IV – FIRST AID MEASURES**

**EYE CONTACT:** Rinse with water

**INHALATION:** Rinse nostrils and airways with water

**SKIN CONTACT:** Rinse with water

**INGESTION:** No action required

**MOST IMPORTANT SYMPTOMS:** No symptoms identified

**IMMEDIATE MEDICAL ATTENTION REQUIRED:** None needed

#### **SECTION V – FIRE-FIGHTING MEASURES**

**SUITABLE (AND UNSUITABLE) EXTINGUISHING MEDIA:** Water spray, carbon dioxide, and dry chemical powder

**SPECIFIC HAZARDS ARISING FROM THE CHEMICAL:** None known

**SPECIAL PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIRE-FIGHTERS:** None needed

#### **SECTION VI – ACCIDENTAL RELEASE MEASURES**

**PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT, AND EMERGENCY PROCEDURES:** Wash with water and mild liquid soap

**METHODS AND MATERIALS FOR CLEANING UP:** No special arrangements needed

#### **SECTION VII – HANDLING AND STORAGE**

**PRECAUTIONS FOR SAFE HANDLING:** None needed

**CONDITIONS FOR SAFE STORAGE:** Store at room temperature, out of direct sunlight

#### **SECTION VIII – EXPOSURE CONTROLS / PERSONAL PROTECTION**

**EXPOSURE LIMITS:** None assigned

**APPROPRIATE ENGINEERING CONTROLS:** None needed

**INDIVIDUAL PROTECTION MEASURES (PPE):**

**Respiratory Protection:** Mask

**Protective Gloves:** None

**Eye Protection:** Glasses

**Other Protective Clothing:** None required

#### **SECTION IX – PHYSICAL AND CHEMICAL PROPERTIES**

**APPEARANCE:** Brown liquid



**ODOR:** Sour-sweet

**ODOR THRESHOLD:** No data available

**PH:** 4.3 – 4.5

**MELTING POINT/FREEZING POINT:** No data available

**INITIAL BOILING POINT AND BOILING RANGE:** 100°C

**FLASH POINT:** No data available

**EVAPORATION RATE:** No data available

**FLAMMABILITY:** No data available

**UPPER/LOWER FLAMMABILITY LIMITS:** No data available

**VAPOR PRESSURE:** Equivalent to water

**VAPOR DENSITY:** Equivalent to water

**RELATIVE DENSITY:** No data available

**SOLUBILITIES:** Highly soluble in water

**PARTITION COEFFICIENT (N-OCTANOL/WATER):** No data available

**AUTO-IGNITION TEMPERATURE:** No data available

**DECOMPOSITION TEMPERATURE:** No data available

**VISCOSITY:** No data available

## **SECTION X – STABILITY AND REACTIVITY**

**REACTIVITY:** Not reactive

**CHEMICAL STABILITY:** Stable

**POSSIBILITY OF HAZARDOUS REACTIONS:** Will not occur

**CONDITIONS TO AVOID:** None known

**INCOMPATIBLE MATERIALS:** None known

**HAZARDOUS DECOMPOSITION PRODUCTS:** None known

## **SECTION XI – TOXICOLOGICAL INFORMATION**

### **INFORMATION ON THE LIKELY ROUTES OF EXPOSURE:**

**Eyes:** No adverse effect known

**Skin Contact:** No adverse effect known

**Inhalation:** No adverse effect known

**Ingestion:** No adverse effect

### **SYMPTOMS RELATED TO THE PHYSICAL, CHEMICAL, AND TOXICOLOGICAL**

**CHARACTERISTICS:** None known

**DELAYED AND IMMEDIATE EFFECTS:** None known

**NUMEROUS MEASURES OF TOXICITY:** No data available

**CARCINOGENICITY:** No ingredients are listed as carcinogens by NTP, IARC, or OSHA

## **SECTION XII – ECOLOGICAL INFORMATION**

**ECOTOXICITY:** No data available



**PERSISTENCE AND BIODEGRADABILITY:** No data available

**BIOACCUMULATIVE POTENTIAL:** No data available

**MOBILITY IN SOIL:** No data available

**OTHER ADVERSE EFFECTS:** No data available

### **SECTION XIII – DISPOSAL CONSIDERATIONS**

No special arrangements needed for disposal

### **SECTION XIV – TRANSPORT INFORMATION**

Not regulated for transportation

### **SECTION XV – REGULATORY INFORMATION**

No data available. Follow all applicable regulations.

### **SECTION XVI – OTHER INFORMATION**

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