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# Material Safety Data Sheet

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Manufactured by  
TerraMax, Inc.  
7769 95<sup>th</sup> Street South  
Cottage Grove, MN 55016  
651-458-4401

**FOR CHEMICAL EMERGENCIES, CALL  
INFOTRAC 24 HOURS A DAY AT:  
1-800-535-5053**

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## SECTION ONE - MATERIAL DESCRIPTION

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**Chemical Description:** Dry Bacterial Inoculant  
**Trade Name:** TAZO-ST Dry

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## SECTION TWO - HAZARDOUS COMPONENTS

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There are no components in this product at concentrations which require notification per OSHA Hazard Communications Standard 29 CFR 1910.1200.

**Additive:** Humates  
**Others:** *Azospirillum lipoferum*  
*Azospirillum brasilense*

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## SECTION THREE - PHYSICAL DATA

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**Appearance:** Gray-Black powder  
**Odor:** none  
**Boiling Point:** NA  
**Water Solubility:** Insoluble  
**Percent Volatile:** None  
**pH:** 6.0 – 7.0

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## SECTION FOUR - FIRE AND EXPLOSION DATA

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**Flash Point:** N/A  
**Extinguishing Media:** N/A  
**Unusual Hazards:** None known

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## SECTION FIVE - HEALTH AND FIRST AID DATA

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**Threshold Limit Value:** N/A

### POTENTIAL EFFECTS OF OVEREXPOSURE

#### Slightly Alkaline

**Eyes:** Mild eye irritant. Exposure may cause irritation and reddening of the eye.

**Skin:** Mildly irritating to skin. Exposure to skin or mucous membranes may produce defatting, absorption of skin oils, smarting, redness, or contact dermatitis.

### FIRST AID

**Eye Contact:** Immediately flush with large quantities of water.

**Skin Contact:** Flush affected areas with water.

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## SECTION SIX - REACTIVITY DATA

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**Stability:** Stable under normal operating conditions.

**Conditions to Avoid:** None

**Incompatibility With Other Materials:** None

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## SECTION SEVEN - SPILL CONTROL AND DISPOSAL PROCEDURES

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**Waste Disposal:** Wear dust mask sweep and dispose of according to local laws. Slippery when wet.

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## SECTION EIGHT - SPECIAL PROTECTION INFORMATION

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**Protective Equipment:** Dust mask & standard precautionary procedures when mixing with chemicals, including eye protection, are recommended. It is strongly recommended contact lenses not be worn when working with chemicals because they may increase the severity of an eye injury.

**Respiratory Protection:** Dust mask

**Work/Hygienic Practices:** Wash thoroughly after handling.

**Handling and Storage Precautions:** Avoid breathing dust.

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## SECTION NINE - TOXICOLOGY DATA

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**Acute Oral Toxicity:** LD<sub>50</sub> (rat) = >5 mg/kg

**Acute Dermal Toxicity:** LD<sub>50</sub> (rabbit) = >200 ml/kg

**Eye Toxicity:** >5 ml/35 ml water

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## SECTION TEN - REGULATORY AND SHIPPING INFORMATION

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**DOT Shipping Name:** NONE

**Hazard Class:** NONE

**Label Requirements:** NONE

**Packaging Group:** NONE

**UN/NA Number:** NONE

**Reportable Quantity:** NONE

Although reasonable care has been taken in the preparation of the information contained herein, TerraMax, Inc. extends no warranties, makes no representations and assumes no responsibility as to the accuracy or suitability of such information for application to purchaser's intended purpose or for the consequences of its use. 80309

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## SECTION ONE - MATERIAL DESCRIPTION

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Chemical Description: Bacterial Inoculant  
Trade Name: TAZO-ST Liquid™

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## SECTION TWO - HAZARDOUS COMPONENTS

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There are no components in this product at concentrations which require notification per OSHA Hazard Communications Standard 29 CFR 1910.1200.

Additive: Protein Complex,  
Other: *Azospirillum brasilense*  
*Azospirillum lipoferum*

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## SECTION THREE - PHYSICAL DATA

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Appearance: dark brown liquid  
Odor: mild  
Boiling Point: >212° F  
Water Solubility: complete  
Specific Gravity: 1.003  
Percent Volatile: None  
pH: 6.0 – 7.0

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## SECTION FOUR - FIRE AND EXPLOSION DATA

---

Flash Point: N/A  
Extinguishing Media: N/A  
Unusual Hazards: None known

---

## SECTION FIVE - HEALTH AND FIRST AID DATA

---

Threshold Limit Value: N/A

### POTENTIAL EFFECTS OF OVEREXPOSURE

#### Slightly Alkaline

**Eyes:** Mild eye irritant. Exposure may cause irritation and reddening of the eye.

**Skin:** Mildly irritating to skin. Exposure to skin or mucous membranes may produce defatting, absorption of skin oils, smarting, redness, or contact dermatitis.

### FIRST AID

**Eye Contact:** Immediately flush with large quantities of water.

**Skin Contact:** Flush affected areas with water.

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## SECTION SIX - REACTIVITY DATA

---

**Stability:** Stable under normal operating conditions.

**Conditions to Avoid:** Contact with strong acids

**Incompatibility With Other Materials:** Strong acids.

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## SECTION SEVEN - SPILL CONTROL AND DISPOSAL PROCEDURES

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**Waste Disposal:** Wash with large amounts of water.

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## SECTION EIGHT - SPECIAL PROTECTION INFORMATION

---

**Protective Equipment:** Standard precautionary procedures when mixing with chemicals, including eye protection, are recommended. It is strongly recommended contact lenses not be worn when working with chemicals because they may increase the severity of an eye injury.

**Respiratory Protection:** None

**Work/Hygienic Practices:** Wash thoroughly after handling.

**Handling and Storage Precautions:** Freezes at approximately 28° F. Keep from freezing.

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## SECTION NINE - TOXICOLOGY DATA

---

**Acute Oral Toxicity:** LD<sub>50</sub> (rat) = >5 ml/kg

**Acute Dermal Toxicity:** LD<sub>50</sub> (rabbit) = >200 ml/kg

**Eye Toxicity:** >5 ml/35 ml water

**NOT A SKIN IRRITANT - NOT AN EYE IRRITANT**

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## SECTION TEN - REGULATORY AND SHIPPING INFORMATION

---

**DOT Shipping Name:** NONE

**Hazard Class:** NONE

**Label Requirements:** NONE

**Packaging Group:** NONE

**UN/NA Number:** NONE

**Reportable Quantity:** NONE

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