
Material Safety Data Sheet

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

SECTION ONE - MATERIAL DESCRIPTION

Chemical Description: Bacterial Inoculant
Trade Name: MicroAZ-IF Liquid™

SECTION TWO - HAZARDOUS COMPONENTS

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

SECTION THREE - PHYSICAL DATA

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

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.

SECTION SIX - REACTIVITY DATA

Stability: Stable under normal operating conditions.

Conditions to Avoid: Contact with strong acids

Incompatibility With Other Materials: Strong acids.

SECTION SEVEN - SPILL CONTROL AND DISPOSAL PROCEDURES

Waste Disposal: Wash with large amounts of water.

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.

SECTION NINE - TOXICOLOGY DATA

Acute Oral Toxicity: LD₅₀ (rat) = >5 ml/kg

Acute Dermal Toxicity: LD₅₀ (rabbit) = >200 ml/kg

Eye Toxicity: >5 ml/35 ml water

NOT A SKIN IRRITANT - NOT AN EYE IRRITANT

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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