

MATERIAL SAFETY DATA SHEET

SECTION 1 – PRODUCT IDENTIFICATION AND USE

Product Identifier: **MetaGrow™ NutriDirect**
Product Use: Packaged Agricultural Mineral for Agriculture
Supplier: **Sustainable Growing Solutions, LLC**
Address: 10724 State Highway 160, Hood, CA 95639
Telephone: (916) 284-9706

SECTION II – HAZARDOUS INGREDIENTS

Hazardous Ingredients: None

SECTION III – PHYSICAL DATA

Physical state: Liquid
Odor and Appearance: Dark Brown with a pleasant earthy smell
Specific gravity (H₂O = 1): 1.025 - 1.035
pH: 7.5 ± 1.0
Solubility in Water: Soluble
Boiling point: 212°F (100°C)
Freezing point: 32°F (0°C)

SECTION IV – FIRE AND EXPLOSION DATA

Flammable or combustible: Not flammable or combustible
Flashpoint: None
Upper flammable limit: N/A
Lower flammable limit: N/A
Auto ignition temperature: N/A
Flammability classification: N/A
Conditions of flammability: N/A
Special fire fighting procedures: N/A
Hazardous combustion products: N/A
Shock sensitivity: Non-sensitive
Static discharge sensitivity: Non-sensitive

SECTION V – REACTIVITY DATA

Product stability: Aspects of product efficacy become unstable at temperatures above 120°F (49°C)
Conditions of reactivity: None
Incompatible substances: Strong acids or bases
Hazardous decomposition products: None

SECTION VI – TOXICOLOGICAL PROPERTIES

Primary routes of exposure: Eye contact, ingestion, and skin contact
Exposure limits: None
Effects of acute exposure: Irritation
Sensitizer: Not known to be a sensitizer
Carcinogen: No
Mutagen: Not known to be a mutagen
Teratogen: Not known to be a teratogen

SECTION VII – PERSONAL PROTECTIVE EQUIPMENT

Gloves: No special requirements but gloves are recommended to avoid drying of skin
Respirator: No special requirements
Eye protection: Safety glasses to avoid contact with eyes
Footwear: No special requirements
Clothing: No special requirements
Other: No special requirements
Engineering controls: Normal ventilation
Leak and spill procedures: Flush away with water
Waste disposal: Solid waste or flush to sewer
Special shipping information: Avoid temperatures above 120°F

SECTION VIII – FIRST AID MEASURES

Eye contact: Flush with clean water
Skin Contact: Wash with soap and water
Ingestion: Consult a physician

SECTION IX – PREPERATION DATA

Information sources: Suppliers MSDS's, OSHA, NIOSH, EPA
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