

Material Safety Data Sheet

Effective Date: 04-JUN-2014
Product: MICROMERGE 55441SP

I. IDENTIFICATION

Chemical Name: Granular Micronutrient Fertilizer for Turf
Chemical Family: Inorganic Fertilizer
Formula: Not applicable, formulated mixture.
Synonyms: None
CAS Number: Not applicable, formulated mixture.
EPA Number: None

II. PHYSICAL DATA

Boiling Point: Not applicable
Freezing Point: Not applicable
Spec Gravity: Not determined
Vapor Pressure: Not applicable
Vapor Density: Not applicable
Solubility: 100%
Volatiles: Not determined
Evaporation: Not applicable
Melting Point: Not determined
Appearance: Granular solids.

III. INGREDIENTS

Material	CAS Number	Percent	TLV	Hazard
Proprietary blend of plant nutrients derived from Iron Oxide, Iron Sulfate, Zinc Oxide, Zinc Sulfate, Magnesium Oxide, Magnesium Sulfate, Manganese Oxide and Manganese Sulfate.		100.00	N/E	Skin & eye irritant.

GUARANTEED ANALYSIS:
Magnesium (Mg): 5.0%
Sulfur (S): 5.0%
Iron (Fe): 4.0%
Manganese (Mn): 4.0%
Zinc (Zn): 1.5%

IV. FIRE AND EXPLOSION HAZARD

Flash Point: Not combustible
Autoignition Temp: Not applicable
Flammable Limit: Not applicable

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Extinguishing Media: Use extinguishing media suitable for underlying cause of fire.
Special Fire Fight Proc: Wear self-contained breathing apparatus and full protective clothing.
Fire and Expl Hazard: None currently known.

V. HEALTH HAZARD

Carcinogen Information: Not listed by IARC, NTP or OSHA.

ACUTE EFFECTS OF OVER EXPOSURE

Swallowing: Harmful if swallowed. May cause gastrointestinal upset if large amounts are swallowed.
Skin Absorption: No hazard anticipated.
Inhalation: No hazard anticipated.
Skin contact: Irritating to the skin.
Eye Contact: Irritating to the eyes.
Chronic Effects: None currently known.
Other Hazard: None currently known.

EMERGENCY AND FIRST AID PROCEDURES

Swallowing: Call a poison control center or doctor if feeling unwell. Rinse mouth with water.
Skin: Remove contaminated clothing and wash skin with soap and water. If irritation persists, get medical attention.
Inhalation: Move to fresh air. If irritation develops, consult a physician.
Eyes: Remove contact lenses, if present, and rinse cautiously with water for at least 15 minutes. If irritation persists, get medical attention.
Notes to Physician: In the event of an adverse response, treatment should be directed toward control of the symptoms and the clinical condition of the patient.

VI. REACTIVITY

Stability: Stable
Conditions to Avoid: None currently known.
Polymerization: Will Not Occur
Conditions to Avoid: None currently known.
Incompatibility material: None currently known.

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XI. GENERAL PRODUCT INFORMATION

National Fire Protection Association Rating:
(Rating level: 4-Extreme, 3-High, 2-Moderate, 1-Slight, 0-Minimum)

Health: 1 Fire: 0 Reactivity: 0

S.A.R.A. Title III Hazard Classification: (Yes/No)

Immediate (Acute) Health: Y Delayed (Chronic) Health: N
Sudden Release of pressure: N Fire: N
Reactive: N

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