

Material Safety Data Sheet

Effective Date: 24-AUG-2004

Product: ELE-MAX TURF NECTAR A C 15-0-0 6% FE

I. IDENTIFICATION

Chemical Name: Urea Nitrogen and Ferrous Sulfate Heptahydrate
Chemical Family: Inorganic liquid fertilizer
Formula: Not applicable
Synonyms: None
CAS Number: Not applicable, formulated mixture
EPA Number: None required

II. PHYSICAL DATA

Boiling Point: >212 Degrees F.
Freezing Point: <32 Degrees F.
Spec Gravity: 1,341 gms/cc
Vapor Pressure: Not determined
Vapor Density: Not determined
Solubility: 99%
Volatiles: <0.1
Evaporation: Non-volatile
Melting Point: Not applicable
Appearance: Clear, light green liquid, sulfurous odor

III. INGREDIENTS

Material	CAS Number	Percent	TLV	Hazard
Proprietary blend of urea nitrogen, ferrous sulfate heptahydrate and water.	N/A	100.00	5 mg/m3	Skin & eye irritant

IV. FIRE AND EXPLOSION HAZARD

Flash Point: Noncombustible
Autoignition Temp: Not applicable
Flammable Limit: Not applicable
Extinguishing Media: Noncombustible liquid. Use extinguishing media for underlying cause of fire.
Special Fire Fight Proc: Use positive pressure self-contained breathing apparatus and full protective clothing. Use water spray to keep fire exposed containers cool.
Fire and Expl Hazard: Decompose on heating to nitrogen oxides.

V. HEALTH HAZARD

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Carcinogen Information: Not listed

ACUTE EFFECTS OF OVER EXPOSURE

Swallowing: Ingestion results in vomiting and abdominal cramps.
Skin Absorption: None currently known.
Inhalation: May cause minor irritation to the mucus membranes.
Skin contact: Repeated or prolonged exposure may cause minor irritation.
Eye Contact: Direct contact with liquid will cause irritation.
Chronic Effects: None currently known.
Other Hazard: None currently known.

EMERGENCY AND FIRST AID PROCEDURES

Swallowing: Immediately drink a large amount of water and induce vomiting. Consult a physician or poison control center.
Skin: Wash skin thoroughly with soap and water. Obtain medical attention if irritation develops.
Inhalation: Move to fresh air. Obtain medical attention if irritation develops.
Eyes: Flush eyes with water for 15 minutes, holding eyelids open. Obtain medical attention if irritation develops or persists.
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: Areas of extreme heat
Polymerization: Will Not Occur
Conditions to Avoid: None currently know.
Incompatibility material: Hypochlorite bleach, strong acids and alkalis
Hazardous Combustion: May produce nitrogen oxide and oxides of carbon under fire conditions.

VII. SPILL OR LEAK PROCEDURES

Spill or Leak Proc: Contain product. Reuse material if uncontaminated. If contaminated, absorb

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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: 2 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

Mail inquiries to: 225 Schilling Blvd., Suite 300 Collierville, TN 38017
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