

Material Safety Data Sheet

Effective Date: 04-NOV-2009
Product: ELE-MAX MAGNESIUM FL 4-0-0

I. IDENTIFICATION

Chemical Name: Suspension Concentrate of Magnesium
Chemical Family: Inorganic Metal Salts
Formula: Not applicable, formulated mixture.
Synonyms: None
CAS Number: Not applicable, formulated mixture.
EPA Number: None required

II. PHYSICAL DATA

Boiling Point: >100 Degrees C.
Freezing Point: -7 Degrees C.
Spec Gravity: 1.511 gms/cc
Vapor Pressure: Not established
Vapor Density: Not established
Solubility: Miscible
Volatiles: Not established
Evaporation: Not established
Melting Point: Not applicable
Appearance: Off white suspension with slight odor.

III. INGREDIENTS

Material	CAS Number	Percent	TLV	Hazard
Proprietary liquid suspension concentrate of magnesium hydroxide and urea.		100.00	N/E	Skin & eye irritant.

TYPICAL COMPOSITION:
Total Nitrogen (N): 4.00%
Magnesium (Mg): 20.00%

IV. FIRE AND EXPLOSION HAZARD

Flash Point: Non-combustible
Autoignition Temp: Not applicable
Flammable Limit: Not applicable
Extinguishing Media: Non-combustible liquid. 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: May produce toxic fumes under fire conditions.

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V. HEALTH HAZARD

Carcinogen Information: None currently known.

ACUTE EFFECTS OF OVER EXPOSURE

Swallowing: May be harmful if ingested in excessive quantities.
Skin Absorption: None currently known.
Inhalation: Mist may cause irritation of the upper respiratory tract.
Skin contact: Contact may produce mild skin irritation.
Eye Contact: Contact with eyes may produce moderate irritation.
Chronic Effects: None currently known where product is used under conditions of good industrial hygiene.
Other Hazard: None currently known.

EMERGENCY AND FIRST AID PROCEDURES

Swallowing: If conscious, give milk or water to drink. Immediately call a doctor for treatment advice.
Skin: Remove contaminated clothing and wash affected areas with soap and water. Obtain medical attention if irritation develops.
Inhalation: Move to fresh air. Obtain medical attention if irritation persists.
Eyes: Flush eyes with water for at least 15 minutes, holding the eyelids apart. If irritation develops, seek 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: Avoid extremes of temperature.
Polymerization: Will Not Occur
Conditions to Avoid: None currently known.
Incompatibility material: Avoid contact with acids.
Hazardous Combustion: May produce toxic fumes and/or vapors under fire conditions.

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VII. SPILL OR LEAK PROCEDURES

Spill or Leak Proc: Contain spilled product. Collect and reuse, if uncontaminated. If contaminated, absorb with an inert absorbent such as clay or sand, collect and place in suitable containers for proper disposal. Do not contaminate water supplies, lakes, streams, ponds or drains.

Waste Disposal Method: This material must be disposed of according to Federal, State or Local procedures under the Resource Conservation and Recovery Act.

VIII. SPECIAL PROTECTION INFORMATION

Respiration: None needed under normal conditions. If misty, use NIOSH-approved mist respirator.

Ventilation: Local exhaust normally sufficient.

Gloves: Impervious gloves.

Eyes: Splashproof goggles.

Other: Eyewash station, impervious apron and footwear.

IX. SPECIAL PRECAUTIONS

Special precaution: Keep out of reach of children. Do not store with food, feed or other material to be used or consumed by humans or animals. Do not contaminate water supplies, lakes, streams, ponds or drains with this material. Store in original containers, away from excessive heat. Protect from freezing.

Other precaution: None currently known.

X. SHIPPING INFORMATION

Shipping name: Not regulated by DOT, IATA or IMDG.

Hazard Class: None

Identification No: None

Labels Required: None required

Placarding: None

Freight Class: Compound, Fertilizer (Manufactured Fertilizer), Liquid, NOIBN (NMFC Item 68140, Sub 6, Class 70)

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Chemical Name	Equivalent R.Q.
Not applicable	Not applicable

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	

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