

Material Safety Data Sheet

Effective Date: 22-NOV-2011  
Product: Ele-Max PhoZ B Mag WP 0-6-0

I. IDENTIFICATION

Chemical Name: Magnesium and Phosphorus with Zinc and Boron  
Chemical Family: Foliar Nutritional Wetttable Powder  
Formula: Not applicable, formulated mixture.  
Synonyms: None  
CAS Number: Not applicable, formulated mixture.  
EPA Number: None required

II. PHYSICAL DATA

Boiling Point: Not applicable  
Freezing Point: Not applicable  
Spec Gravity: Not determined  
Vapor Pressure: Not applicable  
Vapor Density: Not applicable  
Solubility: Partially soluble  
Volatiles: Not determined  
Evaporation: Not applicable  
Melting Point: Not determined  
Appearance: Beige, odorless powder.

III. INGREDIENTS

Material	CAS Number	Percent	TLV	Hazard
Blend of plant nutrients derived from Zinc Phosphate, Magnesium Hydroxide and Sodium Borate.		100.00	N/E	Skin & eye irritant.

GUARANTEED ANALYSIS:  
Available Phosphate (P2O5): 6.0%  
Magnesium (Mg): 24.0%  
Boron (B): 3.0%  
Zinc (Zn): 10.0%

IV. FIRE AND EXPLOSION HAZARD

Flash Point: Not applicable  
Autoignition Temp: Not determined  
Flammable Limit: Not determined  
Extinguishing Media: Use extinguishing media suitable for underlying cause of fire.  
Special Fire Fight Proc: Wear self-contained breathing apparatus and full protective clothing.

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Fire and Expl Hazard: Emits toxic fumes under fire conditions.  
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V. HEALTH HAZARD  
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Carcinogen Information: Not listed by IARC, NTP or OSHA.

ACUTE EFFECTS OF OVER EXPOSURE  
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Swallowing: Irritation of the throat may occur if ingested.  
Skin Absorption: No hazard expected from skin absorption.  
Inhalation: Inhalation of dust or powder may cause irritation of the throat with a feeling of tightness in the chest.  
Skin contact: Mild irritation may occur at the site of skin contact.  
Eye Contact: Irritation and redness may occur with direct contact with eyes.  
Chronic Effects: None currently known.  
Other Hazard: None currently known.

EMERGENCY AND FIRST AID PROCEDURES  
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Swallowing: Wash out mouth with water. Consult a doctor.  
Skin: Immediately wash skin with plenty of soap and water.  
Inhalation: Move to fresh air. If irritation persists, seek medical attention.  
Eyes: Flush eyes with water, continuing for at least 15 minutes, while holding the eyelids apart. 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.

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VI. REACTIVITY  
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Stability: Stable  
Conditions to Avoid: Avoid exposure to excessive heat.  
Polymerization: Will Not Occur  
Conditions to Avoid: None currently known.  
Incompatibility material: Avoid contact with strong oxidizing agents and strong acids.  
Hazardous Combustion: Emits toxic fumes under fire conditions.

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VII. SPILL OR LEAK PROCEDURES  
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Spill or Leak Proc: Do not discharge into drains or waterways. Collect spilled product and transfer to a suitable container. Clean spill area with large amounts of water. Collect wash water and place in suitable container for proper disposal.

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

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VIII. SPECIAL PROTECTION INFORMATION  
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Respiration: Use NIOSH-approved air-purifying respirator with particulate filter when needed.

Ventilation: General and/or local exhaust should be sufficient.

Gloves: Protective gloves.

Eyes: Safety glasses.

Other: Eyewash station, impervious apron and footwear.

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IX. SPECIAL PRECAUTIONS  
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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 product. Avoid the formation or spread of dust in the air.

Other precaution: Store in cool, well-ventilated area. Non-oxidizing material.

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X. SHIPPING INFORMATION  
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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), Solid, NOIBN (NMFC Item 68140, Sub 5, Class 50)

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Chemical Name	Equivalent R.Q.
Not applicable	Not applicable

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XI. GENERAL PRODUCT INFORMATION

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