

Material Safety Data Sheet

Effective Date: 16-AUG-2002  
Product: PRO-MATE POWER VERDE

I. IDENTIFICATION

Chemical Name: Homogeneous Minor Package  
Chemical Family: Inorganic Micronutrient Blend  
Formula: Not applicable, formulated mixture.  
Synonyms: None  
CAS Number: Not applicable, formulated mixture.  
EPA Number: Exempt

II. PHYSICAL DATA

Boiling Point: Not applicable  
Freezing Point: Not applicable  
Spec Gravity: 1.8 gms/cc  
Vapor Pressure: Not applicable  
Vapor Density: Not applicable  
Solubility: 100%  
Volatiles: Not determined  
Evaporation: Not applicable  
Melting Point: 572 Degrees F.  
Appearance: Light brown to dark brown granules.

III. INGREDIENTS

Material	CAS Number	Percent TLV	Hazard
Proprietary Blend of Micronutrients (typical composition listed below).		100.00	Skin & eye irritant
Calcium (CA)	1.00%		
Magnesium (Mg)	4.30%		
Sulfur (S)	18.20%		
Copper (Cu)	0.45%		
Iron (Fe)	14.30%		
Manganese (Mn)	2.65%		
Zinc (Zn)	0.50%		

IV. FIRE AND EXPLOSION HAZARD

Flash Point: Non-combustible solid  
Autoignition Temp: Not applicable  
Flammable Limit: Not applicable  
Extinguishing Media: Non-combustible solid. Use extinguishing media  
appropriate for underlying cause of fire.  
Special Fire Fight Proc: Wear self-contained breathing apparatus and

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full protective clothing.  
Fire and Expl Hazard: None currently known.  
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V. HEALTH HAZARD

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Carcinogen Information: None currently known.

ACUTE EFFECTS OF OVER EXPOSURE

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Swallowing: May cause gastrointestinal tract irritation, shock, liver damage, tachycardia, or death if ingested in large amounts.  
Skin Absorption: May cause irritation with skin contact.  
Inhalation: May cause irritation to the trachea and lungs. Inhalation of dusts may cause breathing difficulty.  
Skin contact: May be mildly irritating to skin.  
Eye Contact: May be irritating to eyes causing itching or stinging.  
Chronic Effects: None currently known.  
Other Hazard: Overexposure can aggravate existing medical conditions such as dermatitis, asthma, conjunctivitis, and stomach or digestive problems.

EMERGENCY AND FIRST AID PROCEDURES

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Swallowing: Seek immediate medical attention.  
Skin: Wash affected area with soap and water. If irritation persists, seek medical treatment.  
Inhalation: Remove to fresh air. If breathing becomes difficult, seek medical attention.  
Eyes: Immediately flush eyes with water for at least 15 minutes, holding eyelids wide open. Seek medical treatment if irritation 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.  
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VI. REACTIVITY

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Stability: Stable  
Conditions to Avoid: Extremely high temperatures.  
Polymerization: Will Not Occur  
Conditions to Avoid: None known.  
Incompatibility material: Avoid contact with oxidizing agents and  
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alkalies.  
Hazardous Combustion: May produce sulfur oxides under fire conditions.  
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VII. SPILL OR LEAK PROCEDURES

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Spill or Leak Proc: Sweep up and reuse, if uncontaminated. If contaminated, place in a proper chemical waste container for future 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 dust mask.  
Ventilation: Local exhaust normally sufficient.  
Gloves: Impervious  
Eyes: Chemical workers' goggles.  
Other: Emergency shower, eyewash station, coveralls, 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, or ponds. Store in a cool, dry place away from oxidizers and alkalies.  
Other precaution: None currently needed.  
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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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