

Material Safety Data Sheet

Effective Date: 08-JAN-2012  
Product: Pro-Mate Throw-Paks 3-1-1

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I. IDENTIFICATION  
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Chemical Name: Fertilizer  
Chemical Family: Fertilizer  
Formula: Not applicable, formulated mixture.  
Synonyms: None  
CAS Number: Not applicable, formulated mixture.  
EPA Number: None required

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II. PHYSICAL DATA  
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Boiling Point: Not applicable  
Freezing Point: Not applicable  
Spec Gravity: 1.2 to 1.5 g/cc  
Vapor Pressure: Not applicable  
Vapor Density: Not applicable  
Solubility: Not applicable  
Volatiles: Not applicable  
Evaporation: Not applicable  
Melting Point: Not determined  
Appearance: Light brown granules with no appreciable odor.

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III. INGREDIENTS  
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Material	CAS Number	Percent TLV	Hazard
Plant nutrients derived from meat meal, feather meal, bone meal and potassium sulfate.		7.50	Eye irritant.
Humic acid, derived from Leonardite.		33.00	Eye irritant.
Mycorrhizal Inoculant Glomus Intraradices		<1	
Inert ingredients		<59	
GUARANTEED ANALYSIS:			
Total Nitrogen (N):		3.00%	
Available Phosphate (P2O5):		1.00%	
Soluble Potash (K2O):		1.00%	
Calcium (Ca):		2.50%	

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IV. FIRE AND EXPLOSION HAZARD  
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Flash Point: Not applicable  
Autoignition Temp: Not applicable  
Flammable Limit: Not applicable

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Extinguishing Media: Essentially non-combustible solid. Use water, sand or fine earth. Steam smothering can be used in relatively small enclosures.  
Special Fire Fight Proc: Wear self-contained breathing apparatus and full protective clothing. Evacuate downwind if large quantities are involved in fire.  
Fire and Expl Hazard: None currently known.

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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: No Acute Oral LD50 established. Low oral toxicity is expected. Ingestion of dust may cause stomach irritation.  
Skin Absorption: No hazard anticipated.  
Inhalation: Inhalation of dust may irritate the nose or throat.  
Skin contact: No hazard anticipated.  
Eye Contact: Contact with dust may cause irritation.  
Chronic Effects: None currently known.  
Other Hazard: None currently known.

EMERGENCY AND FIRST AID PROCEDURES  
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Swallowing: If conscious, give a large amount of water to drink and make person vomit. Seek medical attention.  
Skin: Wash affected area thoroughly with soap and water.  
Inhalation: Move to fresh air. If irritation persists, seek medical attention.  
Eyes: Flush eyes with water. Seek medical attention 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: None currently known.  
Polymerization: Will Not Occur

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Conditions to Avoid: None currently known.  
Incompatibility material: None currently known.  
Hazardous Combustion: None currently known.  
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VII. SPILL OR LEAK PROCEDURES

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Spill or Leak Proc: Sweep up or scoop up spilled product and place  
in suitable containers for reuse, if  
uncontaminated. If contaminated, dispose of  
properly. Do not contaminate waterways with  
spilled product.  
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: None needed under normal conditions of use.  
Ventilation: Good general ventilation should be sufficient.  
Gloves: None needed.  
Eyes: None needed.  
Other: None needed.  
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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.  
Other precaution: None currently known.  
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X. SHIPPING INFORMATION

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Shipping name: Not regulated by D.O.T., 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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