

APPENDIX

Material Safety Data Sheet
 May be used to comply with
 OSHA's Hazard Communication Standard
 20 CFR 1910, 1200, Standard must be
 consulted for specific requirements

U.S. Department of Labor
 Occupational Safety and Health Administration
 (Non-Mandatory Form)

IDENTITY (As Used on Label and List) Protein Plus	Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.
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Section I

Manufacturer's Name Agri-Dynamics Incorporated	Emergency Telephone Number 610-250-9280
Address (Number, Street, City, State, Zip Code) PO Box 267	Telephone Number for Information 610-250-9280
Martins Creek, PA 18063	Date Prepared 5/17/07
	Signature of Preparer (optional)

Section II - Ingredients/Identity Information

Components (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	%(optional)
Potassium Nitrate CAS 7757-79-1				
Ammonium Nitrate CAS 6484-52-2				
Proprietary blend of non-hazardous materials				

Section III – Physical/Chemical Characteristics

Boiling Point N/A	Specific Gravity (H ₂ O) ° F 1.27
Vapor Pressure(mm Hg.) N/A	Melting Point N/A
Vapor Density (A R • 1) N/A	Evaporation Rate (Butyl Acetate • 1) N/A
Solubility in Water 100%	
Appearance and Odor Brown liquid with earthy smell	

Section IV – Fire and Explosion Hazard Data

Flash Point (Method Used) 545°F COC	Flammable Limits N/A	LEL N/A	UEL N/A
Extinguishing Media Dry chemical, carbon dioxide, water, foam			
Special Fire Fighting Procedures Avoid breathing fumes from fire			

Unusual Fire and Explosion Hazards
Use self-contained air supply

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Section V – Reactivity Data

Stability Stable under normal storage and use conditions	Unstable		Conditions to Avoid Extreme heat or freezing may cause product to separate Extreme heat may cause swelling and spillage of package contents
	Stable X		

Incompatibility (Materials to Avoid) **Material is compatible with most agricultural fertilizers. Prior to combining in commercial tank mix quantities, a compatibility test is advised. Read label instructions for further information.**

Hazardous Decomposition or Byproducts **None**

Hazardous Polymerization	May Occur		Conditions to Avoid
	Will Not Occur X		

Section VI – Health Hazard Data **N/A**

Route(s) of Entry: Inhalation? Skin? Ingestion?

Health hazards (Acute & Chronic)

Carcinogenicity NTP? ARC Monographa? OSHA Regulated?

Signs and Symptom of Exposure
May cause eye damage, irritate skin, cause nausea if ingested

Medical Conditions Generally Aggravated by Exposure **N/A**

Emergency and First Aid Procedure
Remove from eyes or skin by flushing with water

Section VII – Precaution for Safe Handling and Use

Steps to be Taken in Case Material is Released or Spilled
Contain spill by diking with soil or sand

Waste disposal Method
Dispose of with accordance to Federal, State and Local regulations

Precautions to be Taken in Handling and Storing

Other Procedures

Section VIII – Control Measures

Respiratory Protection (Specific Type)
Air purifying respirator should be used if necessary

Ventilation Normal	Local Exhaust	Special
	Mechanical (General)	Other

Protective Gloves
Rubber

Eye Protection
Safety Goggles

Other Protective Clothing or Equipment
None

Work/Hygienic Practices

