

## 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) <b>Protein Plus</b>	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 <b>Agri-Dynamics Incorporated</b>	Emergency Telephone Number <b>610-250-9280</b>
Address (Number, Street, City, State, Zip Code) <b>PO Box 267</b>	Telephone Number for Information <b>610-250-9280</b>
<b>Martins Creek, PA 18063</b>	Date Prepared <b>5/17/07</b>
	Signature of Preparer (optional)

Section II - Ingredients/Identity Information

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

Section III – Physical/Chemical Characteristics

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

Section IV – Fire and Explosion Hazard Data

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

Unusual Fire and Explosion Hazards  
**Use self-contained air supply**

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Section V – Reactivity Data

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

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 <b>X</b>		

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 <b>Normal</b>	Local Exhaust	Special
	Mechanical (General)	Other

Protective Gloves  
**Rubber**

Eye Protection  
**Safety Goggles**

Other Protective Clothing or Equipment  
**None**

Work/Hygienic Practices

