



## SAFETY DATA SHEET

### Section 1: Identification

Product Name: Plant Food Protein NITROGEN 13.5-0-0      Emergency Contact: Not hazardous material.

Company: Plant Food Organics  
1920 N Coit Rd., Ste 200  
Richardson, TX 75080  
Tel: (469) 250-8018

Synonyms: Protein hydrolysate, amino acids.  
Restrictions on Use: Agriculture only.  
Recommended Use: Organic input material, soil amendment.

### Section 2: Hazard(s) Identification

GHS Hazard Class: N/A. This product does not meet physical, health or environmental classification criteria.  
Hazard Class: Not classified as hazardous.

### Section 3: Composition/Information on Ingredients

Ingredients: hydrolyzed soybean protein  
CAS #: 68607-88-5

### Section 4: First-Aid Measures

Eyes: May cause slight irritation, excessive blinking, redness, or tear production. Flush eyes with water until discomfort subsides.  
Skin: May cause mild skin irritation. Rinse with water and soap.  
Inhalation: May cause coughing or sneezing. Remove from exposure to open air.  
Ingestion: May be harmful if swallowed. Do not induce vomiting. Rinse mouth. Get medical attention.

### Section 5: Fire-Fighting Measures

Extinguishing Media: Use an appropriate extinguishing media (i.e. water, dry chemical, carbon dioxide, foam) for underlying cause of fire.  
Special Fire Fighting Actions: Follow regular firefighting procedures.  
Additional Information: Thermal decomposition may produce irritating and toxic gases.

### Section 6: Accidental Release Measures

Emergency Procedures: Avoid breathing dust. Wear protective attire: dust mask, eye wear, gloves and clothing.  
Containment & Cleanup: Sweep any dry material and discard properly or flush area with water. For liquids use diatomaceous earth, sand or cat litter and dispose. Product not toxic to environment.

### Section 7: Handling and Storage

Safe Handling: Always wash hands after handling preferably with soap. Remove any contaminated clothing and wash with detergent before reuse.  
Avoid too much ventilation as this can cause dust. Always wear eye protection and dust mask.  
Storage: Keep container tightly closed after use. Store in a cool, moisture-free area away from direct sunlight.

### Section 8: Exposure Controls/Personal Protection

OSHA Permissible Exposure Limits  
User's Protective Recommendations: Normal ventilation, too much can cause dust. Use protective eye wear and dust/respirator mask. See OSHA 29 CFR 1910.34.  
Measure to Reduce Exposures: Avoid dust generation.  
Hygiene Practices: Wash hands with soap and remove contaminated clothing after handling. Use gloves and face protection according to 29 CFR 1910.133 or European Standard EN 166.





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### Section 9: Physical and Chemical Properties

Appearance:	light cream powder
Upper/lower flammability or explosive limits:	n/a
Odor:	sweet soy
Vapor pressure:	n/a
Odor threshold:	n/a
Vapor density:	n/a
pH (EPA 9045):	5-6
Relative density:	n/a
Melting point/freezing point:	n/a
Solubility:	water soluble
Initial boiling point and boiling range:	n/a
Flash point:	not combustible
Evaporation rate:	n/a
Flammability:	n/a
Partition coefficient: n-octanol/water:	n/a
Auto-ignition temperature:	n/a
Decomposition temperature:	n/a
Viscosity:	n/a

### Section 10: Stability and Reactivity

Reactivity:	Not reactive.
Chemical Stability:	Stable under normal conditions.
Incompatibility:	Avoid strong acids (i.e. aluminum, diazomethane, etc.), high moisture & temperatures >120°F.

### Section 11: Toxicological Information

#### Routes of Exposure and Symptoms

Inhalation:	Coughing, sneezing.	Ingestion:	Unknown
Skin:	Mild irritation	Eye:	Watery eyes, slight redness.
Delayed, Immediate, or Chronic Effects from Short and Long-Term Exposure: unknown			
Carcinogens: Not listed by NTP, IARC, or OSHA			

### Section 12: Ecological Information

Nontoxic. Ecological data unknown.

### Section 13: Disposal Considerations

No special disposal considerations. Dispose as you normally would according to your local waste authorities.

### Section 14: Transport Information

No special precautions. No restrictions on any mode of transport (land, sea, air).

### Section 15: Regulatory Information

National Organic Program (NOP): Approved as an organic input material

### Section 16: Other Information

Date of Preparation: 2.23.2017

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