

# SAFETY DATA SHEET

MANUFACTURED BY:

EnP Inc.  
Box 618 2001 W Main Street  
Mendota, IL 61342  
(800) 255-4906  
FAX (815) 538-6981

## 1. Product and Company identification

### 1.1 Product identifier

**Product name** EnP Turf™ Zeta Plex™ Complete  
**Trade name and synonyms** Protein Hydrolysate with trace minerals

### 1.2 Relevant uses of the substance and uses advised against

**Identified uses** Fertilizer and in blending applications  
**Uses advised against** No available data

### 1.3 Details of the supplier of the SDS

**Company name** EnP Investments LLC  
**Address** Box 618  
2001 W Main Street  
Mendota, IL 61342-0618

**Telephone** 1-800-255-4906  
**Fax** 1-815-538-6981  
**Email address** enpturf.com

### 1.4 Eme

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## 2. Hazards identification

### 2.1 Classification of substance or mixture

Classified as nonhazardous in accordance with current laws.

### 2.2 Label elements

Not available

### 2.3 Signal word (GHS-US)

Not available

### 2.4 Hazard statements (GHS-US)

May cause mild eye and skin irritation

### 2.5 Other hazards

Not available

## 3. Composition/information on ingredients

Chemical Name	Common Name	CAS number	Exposure Limits
Protein Hydrolysate		9015-54-7	Proprietary formulation as allowed by 29cfr 1910. 1200 (d) 1
Magnesium Nitrate		10377-60-3	No limits established
Manganese EDTA	Manganese Chelate	15375-84-5	

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## 4. First Aid Measures

**Skin contact** Wash with water, if itching and redness persist. Seek medical attention.  
**Eye contact** Flush eyes with water, continue flushing for at least 15 minutes.  
**Ingestion** Rinse mouth with water. For heavy ingestion of material, consult health care professionals if diarrhea, or stomach cramps persist.

## 5. Fire Fighting Measures

### 5.1 Extinguishing media

Extinguish with water, fog, foam, and/or carbon dioxide. Avoid direct stream of water to extinguish.

## 6. Accidental Release Measures

Contain spill. May be cleaned up with water and disposed in accordance with State and Federal regulations. Material can be a slipping and falling hazard.  
Protective Equipment: Use appropriate personal protective equipment (PPE) i.e. gloves and safety goggles

## 7. Handling and Storage

No personal protection is required. Standard safe handling procedures should be used. Protective gloves and safety glasses are recommended. Store in cool dry place, and protect from freezing. Keep material in plainly marked containers. Keep container closed when not in use.

## 8. Exposure Controls / Personal Protection

### Respiratory Protection

Not required

### Ventilation

No special requirements

### Protective Gloves

Chemical resistant rubber gloves

### Eye Protection

Chemical goggles

### Other Equipment

Eye wash and safety shower  
in work area.

### Work / Hygienic Practices

Avoid contact with eyes, skin, and garments. Wash thoroughly after exposure.

**Physical State** Liquid.

**Form** Liquid.

**Color** Liquid brown.

**Odor** Strong, spicy odor.

**Odor threshold** Not available

**pH** 5.0-5.5

**Salt-Out / Crystallization Temp** Not available

**Melting Point / Freezing Point** Not available

**Initial boiling point and boiling point range** Not available

**Flash point** Not available

**Evaporation rate** Not available

**Flammability (solid, gas)** Not available

**Upper/lower flammability or explosive limits** Not available

**Flammability limit-lower (%)** Not available

**Flammability limit-upper (%)** Not available

**Explosive limit-lower (%)** Not available

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**Explosive limit-upper (%)** Not available

**Vapor pressure** Not available

**Vapor density** Not available

**Relative density** Not available

**Specific Gravity** 1.07

**Pounds per Gallon** 8.92 lbs.

**Solubility(ies)** 100%

**Partition coefficient (n-octanol/water)**

**Auto-ignition temperature** Not available

**Decomposition temperature** Not available

**Viscosity** Not available

**Other information.**

**Bulk density** Not available

**pH in aqueous solution** Not available

## 10. Stability and Reactivity

**Reactivity** This product is stable and non-reactive under normal conditions of use, storage, and transport.

**Chemical stability** This product is stable under normal conditions.

**Possibility of hazardous reactions** none

**Conditions to avoid** Temperatures below freezing (<32°F/0°C)

**Hazardous Decomposition Products** none

## 11. Toxicological information

### 11.1 Toxicological effects information

There is no data available on the product.

## 12. Ecological information

### 12.1 Toxicity

Not available

### 12.2 Persistence – degradability

Not available

### 12.3 Potential for bioaccumulation

Not available

### 12.4 Mobility in soil

Not available

### 12.5 Other adverse effects

Not available

## 13. Disposal considerations

### 13.1 Waste treatment methods

May be cleaned up with water and disposed of in accordance with State and Federal regulations as a biodegradable waste.

### 13.2 Packaging

Single use containers, empty containers should be rinsed prior to disposal in accordance with Local, State and Federal regulations.

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## 14. Transportation information

This product is not subject to transportation regulations.

## 15. Regulatory information

This product is not subject to regulations.

## 16. Other information, including date of preparation and/or revision

### 16.1 Other information

### 16.2 Date of Preparation and/or revision

Effective Date	11/19/14
Revision Date	11/25/14

This information contained herein is based on the present state of our knowledge. It characterizes this product with regard to the appropriate safety precautions. Product specifications contained in this SDS represent typical results of normal production.