



## Safety Data Sheet

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Date 09-Sep-20

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### 1. Identification

**Product Name** : MEGAFOL  
**Synonyms** : None  
**Product Use** : Plant Nutrient  
**Manufacturer/Supplier** : Helena Agri-Enterprises, LLC  
**Address** : 225 Schilling Blvd. Collierville, TN 38017  
**General Information** : 901-761-0050  
**Transportation Emergency Number** : CHEMTREC:800-424-9300

### 2. Hazard Identification

**Signal Word** : None (no symbol)  
**Skin Irritation** : Not classified as hazardous under 29 CFR 1910.1200 (2012)  
**Eye Irritation** : Not classified as hazardous under 29 CFR 1910.1200 (2012)  
**Acute Toxicity Oral** : Not classified as hazardous under 29 CFR 1910.1200 (2012)  
**Acute Toxicity Dermal** : Not classified as hazardous under 29 CFR 1910.1200 (2012)

**Hazard Categories** : Not classified as hazardous under 29 CFR 1910.1200 (2012).

**Hazard Statement** : Not Hazardous

### 3. Composition / Information on Ingredients

| Component   | CAS Number  | Weight % |
|---|-------------|----------|
| Aqueous blend of plant nutrients derived from Urea, Potassium Hydroxide, Potassium Carbonate, Sugar Beet Vinasse, Kelp Extract. | Proprietary | 100.00   |
| GUARANTEED ANALYSIS:  |             |          |
| Total Nitrogen (N):   |             | 3.0%     |
| 2.0% Urea Nitrogen  |             |          |
| 1.0% Other Water Soluble Nitrogen   |             |          |
| Soluble Potash (K <sub>2</sub> O):  |             | 8.0%     |

### 4. First Aid Measures

**Eye** : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a poison control center or doctor for treatment advice.

**Skin** : Remove all contaminated clothing. Rinse skin with water or shower. Get medical attention if irritation develops or persists. Launder contaminated clothing before reuse.

**Inhalation** : Move to fresh air. If not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor for treatment advice.

**Ingestion** : Call a poison control center or doctor immediately. Rinse mouth. Do not induce vomiting. Do not give anything by mouth if unconscious.

**Indication of Immediate Medical Attention and Special Treatment Needed** : Treat symptomatically. Provide safety data sheet to doctor or medical personnel providing treatment.

### 5. Fire Fighting Measures

**Extinguishing Media** : Use water spray or carbon dioxide.



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**Specific Hazards Arising from the Chemical** : Do not inhale explosion and combustion gases. Burning produces smoke containing carbon oxides, nitrogen oxides, sulfur oxides, ammonia.  
**Special Fire Fight Proc** : Wear self-contained breathing apparatus and full protective clothing.

### 6. Accidental Release Measures

**Personal Precautions** : Keep unnecessary personnel away from spill area. Ensure adequate ventilation.  
**Protective Equipment** : Splashproof goggles or face shield, impervious gloves, impervious apron and footwear. Respiratory protection not normally needed. Eyewash and emergency shower should be available in work area.  
**Emergency Procedures** : Do not allow spilled product to enter into soil or subsoil. Do not allow to enter into surface water or drains.  
**Methods and Materials for Containment and Cleanup** : Wash with plenty of water, contain the spill with absorbent material (e.g., soil or sand). Collect absorbent and place in suitable containers for reuse or disposal.

### 7. Handling and Storage

**Precautions for Safe Handling** : Avoid contact with skin and eyes. Avoid inhalation of vapors and mists. Do not eat or drink while handling.  
**Conditions for Safe Storage** : Keep in original, tightly closed containers. Store in a well-ventilated area, away from humidity and heat sources. Keep away from food, drink and feed. Incompatible with aluminum.

### 8. Exposure Controls / Personal Protection

**TLV/PEL** : No occupation exposure limit available.  
**Appropriate Engineering Controls** : General and/or local exhaust should be sufficient.  
**Personal Protective Equipment** : Splashproof goggles or face shield, impervious gloves, impervious apron and footwear. Respiratory protection not normally needed. Eyewash and emergency shower should be available in work area.

### 9. Physical and Chemical Properties

**Odor/Appearance** : Brown liquid; no odor specified.  
**Flash Point, °F** : No information available  
**Boiling Point, °F** : No information available  
**Melting Point(Freezing point), °C** : No information available  
**Vapor Pressure, mm Hg @ 20 °C** : No information available  
**Vapor Density** : No information available  
**Solubility in Water** : Soluble  
**Molecular Formula** : Not applicable, formulated mixture.  
**Density, g/mL @ 25 °C** : 1.2  
**Evaporation Rate(Butyl Acetate = 1)** : No information available  
**Octanol/Water Partition Coefficient** : No information available  
**pH** : 6.8 (1%)  
**Flammable Limits (approximate volume % in air)** : No information available  
**Auto-ignition Temperature** : No information found  
**Decomposition temperature** : No information available



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### 10. Stability and Reactivity

- Reactivity** : Not reactive
- Chemical Stability** : Stable
- Hazardous Decomposition** : Fire and high temperatures can develop carbon oxides, nitrogen oxides, sulfur oxides and ammonia.
- Products**
- Hazardous Polymerization** : Will not occur
- Conditions to Avoid** : Avoid high temperatures.
- Incompatible Materials** : Aluminum

### 11. Toxicological Information

- Acute Toxicity (Oral LD50)** : No LD50 data available. Not classified as hazardous under 29 CFR 1910.1200 (2012).
- Acute Toxicity (Dermal LD50)** : No LD50 data available. Not classified as hazardous under 29 CFR 1910.1200 (2012).
- Acute Toxicity Inhalation LC50** : No LC50 data available. Not classified as hazardous under 29 CFR 1910.1200 (2012).
- Likely Routes of Exposure** : Skin, eye
- Skin Irritation** : Not classified as hazardous under 29 CFR 1910.1200 (2012).
- Eye Irritation** : Not classified as hazardous under 29 CFR 1910.1200 (2012).
- Skin Sensitization** : Not classified as hazardous under 29 CFR 1910.1200 (2012).
- Carcinogenic** : Not listed by IARC, NTP or OSHA.
- Chronic Effects** : None currently known.
- Other Hazards** : CA Proposition 65 Warning: No listed ingredients appear on the CA Proposition 65 Warnings listing.

### 12. Ecological Information

- Ecotoxicity** : Avoid releasing product into the environment.
- Persistence and Degradability** : No information available
- Bioaccumulative Potential** : No information available
- Mobility in Soil** : No information available
- Other Adverse Effects** : No information available

### 13. Disposal Considerations

- Waste Disposal Method** : This material must be disposed of according to Federal, State or Local procedures under the Resource Conservation and Recovery Act.

### 14. Transport Information

- UN Proper Shipping Name** : Not regulated by DOT, IATA or IMDG.
- Transport Hazard Class** : None
- UN Identification Number** : None
- Packaging Group** : None
- Environmental Hazards** : Not a marine pollutant per Appendix B to 49 CFR 172.101.
- Transport in Bulk** : Not hazardous if shipped in bulk.
- Special Precautions for Transportation** : None
- Freight Classification** : Fertilizing Compound, (Manufactured Fertilizer), Liquid, NOIBN (NMFC Item 68140, Sub 6, Class 70)



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### 15. Regulatory Information

National Fire Protection :  
Association Rating

Health: 0 Fire: 0 Reactivity: 0  
Rating Level: (4-Extreme, 3-High, 2-Moderate, 1-Slight, 0-Minimum)

S.A.R.A Title III Hazard :  
Classification (Yes/No)

Immediate( Acute) Health: N  
Delayed (Chronic) Health: N  
Sudden Release of N  
Pressure:  
Fire: N  
Reactive: N

### 16. Other Information

Data of Preparation/Revision : 09-September-2020