



Safety Data Sheet

Report Date 19-Mar-20

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1. Identification

Product Name : NUTRI-LINK 8-27-0
Synonyms : None
Product Use : Starter Fertilizer
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 : Warning (no symbol)
Skin Irritation : Causes mild skin irritation
Eye Irritation : Causes eye irritation
Acute Toxicity Oral : No LD50 data available
Acute Toxicity Dermal : No LD50 data available

Hazard Categories : Oral/Dermal/Inhalation Toxicity-5/5/5; Eye/Skin Irritation-2B/3

Hazard Statement : May be harmful if swallowed
May be harmful in contact with skin
May be harmful if inhaled
Causes eye irritation
Causes mild skin irritation

3. Composition / Information on Ingredients

Component	CAS Number	Weight %
Blend of nutrients derived from polyammonium phosphates and ammonium carboxylates.	Proprietary	100.00
GUARANTEED ANALYSIS:		
Total Nitrogen (N):		8.00%
8.00% Ammoniacal Nitrogen		
Available Phosphate (P2O5):		27.00%

4. First Aid Measures

Eye : Hold eyes open and rinse slowly and gently with water for 15 to 20 minutes. Remove contact lenses, if present, after first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for further treatment advice.

Skin : Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 to 20 minutes. Call a poison control center or doctor for treatment advice.

Inhalation : Move person to fresh air. If person is 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 further treatment advice.

Ingestion : Call a poison control center or doctor immediately for treatment advice. Rinse mouth with water. Do not induce vomiting. Do not give anything by mouth if unconscious.

Indication of Immediate Medical Attention and Special Treatment Needed : In the event of an adverse response, treatment should be directed toward control of the symptoms.

5. Fire Fighting Measures



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Extinguishing Media : Use extinguishing media suitable for underlying cause of fire.
Specific Hazards Arising from the Chemical : May produce oxides of nitrogen, oxides of phosphorus and ammonia under fire conditions.
Special Fire Fight Proc : Wear self-contained breathing apparatus and full protective clothing. Prevent runoff of fire fighting water.

6. Accidental Release Measures

Personal Precautions : Keep unprotected and unnecessary personnel out of spill area.
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 : Contain spilled product by diking to prevent runoff to water supplies, lakes, streams, ponds or drains.
Methods and Materials for Containment and Cleanup : If uncontaminated, collect and use as intended. If contaminated, absorb with inert material, such as clay, sand or sawdust. Then, collect and place in suitable containers for proper disposal.

7. Handling and Storage

Precautions for Safe Handling : Keep locked up and out of reach of children. Do not contaminate water, food or feed by storage, handling or disposal. Keep container tightly closed. Do not allow water to be introduced into the contents of the container.
Conditions for Safe Storage : Store in original container only. Do not store near heat or open flame. This product will freeze at temperatures less than 30 Degrees F. Thawing occurs readily at temperatures greater than 32 Degrees F.

8. Exposure Controls / Personal Protection

TLV/PEL : No TLV or PEL established for mixture.
Appropriate Engineering Controls : Good general ventilation 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 : Clear to hazy liquid with slight ammonia odor.
Flash Point, °F : Not flammable
Boiling Point, °F : >200 Degrees F.
Melting Point(Freezing point), °C : <30 Degrees F.
Vapor Pressure, mm Hg @ 20 °C : Not determined
Vapor Density : Not determined
Solubility in Water : Soluble
Molecular Formula : Not applicable, formulated mixture.
Density, g/mL @ 25 °C : 1.315
Evaporation Rate(Butyl Acetate = 1) : Not determined
Octanol/Water Partition Coefficient : No information found
pH : Not available
Flammable Limits (approximate volume % in air) : Not applicable
Auto-ignition Temperature : Not applicable



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Decomposition temperature : No information found

10. Stability and Reactivity

Reactivity : No information found
Chemical Stability : Stable
Hazardous Decomposition : May produce oxides of nitrogen, oxides of phosphorus and ammonia.
Products
Hazardous Polymerization : Will not occur
Conditions to Avoid : None currently known
Incompatible Materials : Avoid contact with metals and bases.

11. Toxicological Information

Acute Toxicity (Oral LD50) : No LD50 available. May be harmful if swallowed.
Acute Toxicity (Dermal LD50) : No LD50 available. May be harmful in contact with skin.
Acute Toxicity Inhalation LC50 : No LC50 available. May be harmful if inhaled.
Likely Routes of Exposure : Skin and eyes
Skin Irritation : Causes mild skin irritation.
Eye Irritation : Causes eye irritation.
Skin Sensitization : Not listed as a sensitizer.
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 : No information found
Persistence and Degradability : No information found
Bioaccumulative Potential : No information found
Mobility in Soil : No information found
Other Adverse Effects : No information found

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 : No information found
Transport in Bulk : No information found
Special Precautions for Transportation : No information found
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:

1

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: Y

Delayed (Chronic) Health: N

Sudden Release of N

Pressure:

Fire: N

Reactive: N

16. Other Information

Data of Preparation/Revision : 19-March-2020