



Safety Data Sheet

Report Date 20-Apr-20

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1. Identification

Product Name : UTILIZE PK 0-3-2
Synonyms : None
Product Use : Seaweed-based Nutritional Formulation
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 available. The preparation is not classified as dangerous.
Acute Toxicity Dermal : No LD50 available. The preparation is not classified as dangerous.

Hazard Categories : Eye Irritation - 2B; Skin Irritation - 3

Hazard Statement : Causes eye irritation
Causes mild skin irritation

3. Composition / Information on Ingredients

Component	CAS Number	Weight %
Blend of plant nutrients derived from Potassium Phosphate and kelp extracts (ascophyllum nodosum).	Proprietary	100.00
GUARANTEED ANALYSIS:		
Available Phosphate (P2O5):		3%
Soluble Potash (K2O):		2%

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

Extinguishing Media : Aqueous solution. Use extinguishing media suitable for underlying cause of fire.

Specific Hazards Arising from the Chemical : May emit toxic and irritating fumes under fire conditions.



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Special Fire Fight Proc : Wear self-contained breathing apparatus and full protective clothing.

6. Accidental Release Measures

- Personal Precautions** : Do not allow unprotected or unnecessary personnel into 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** : Do not allow spilled product to enter waterways or drains.
- Methods and Materials for Containment and Cleanup** : Collect spilled liquid with an inert absorbent. Sweep or scoop up 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. Do not store with oxidizing agents or ammonium nitrate.

8. Exposure Controls / Personal Protection

- TLV/PEL** : No TLV or PEL established.
- 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** : Opaque green to brown liquid; slight odor.
- Flash Point, °F** : Non-combustible
- Boiling Point, °F** : Not determined
- Melting Point(Freezing point), °C** : Not determined
- Vapor Pressure, mm Hg @ 20 °C** : Not applicable
- Vapor Density** : Not applicable
- Solubility in Water** : Soluble
- Molecular Formula** : Not applicable, formulated mixture.
- Density, g/mL @ 25 °C** : 1.059-1.079
- Evaporation Rate(Butyl Acetate = 1)** : Not determined
- Octanol/Water Partition Coefficient** : No information found
- pH** : 2.82 to 3.52
- Flammable Limits (approximate volume % in air)** : Not applicable
- Auto-ignition Temperature** : Not applicable
- Decomposition temperature** : No information found

10. Stability and Reactivity



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Reactivity : No information found
Chemical Stability : Stable
Hazardous Decomposition : May emit toxic and irritating fumes under fire conditions.
Products
Hazardous Polymerization : Will not occur
Conditions to Avoid : Avoid contact with strong alkaline materials.
Incompatible Materials : Avoid contact with strong alkaline materials and strong oxidizing agents.

11. Toxicological Information

Acute Toxicity (Oral LD50) : No LD50 available. Not classified as hazardous by ingestion.
Acute Toxicity (Dermal LD50) : No LD50 available. No hazard anticipated by skin absorption.
Acute Toxicity Inhalation LC50 : No LC50 available. Not classified as hazardous by inhalation.
Likely Routes of Exposure : Eyes and skin
Skin Irritation : Causes mild skin irritation. May cause slight and momentary irritation of the skin, indicated by redness.
Eye Irritation : Causes eye irritation. May cause mild to moderate irritation of the eyes with contact. Symptoms include burning, redness and watering of eyes.
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)

15. Regulatory Information



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National Fire Protection :
Association Rating

Health:

2

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 : 20-April-2020