

Report 22-Apr-15 Date

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Identification

Product Name: UTILIZE 5-0-0

Synonyms: None

Product Use : Inorganic Fertilizer

Manufacturer/Supplier: Helena Chemical Company

Address: 225 Schilling Blvd. Collierville, TN 38017

General Information: 901-761-0050

Transportation Emergency Number: CHEMTREC:800-424-9300

Hazard Identification

Signal Word: Warning (no symbol) **Skin Irritation**: Causes mild skin irritation.

Eye Irritation: Causes eye irritation.

Acute Toxicity Oral : No Oral LD50 determined. May be harmful if swallowed.

Acute Toxicity Dermal: No dermal LD50 determined. May be harmful in contact with skin.

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

3

Hazard Statement : May be harmful if swallowed

May be harmful in contact with skin

Causes eye irritation Causes mild skin irritation May be harmful if inhaled

Composition / Information on Ingredients

Component **CAS Number** Proprietary

Plant nutrients derived from urea and kelp extracts (Ascophyllum nodosum). **GUARANTEED ANALYSIS:**

Total Nitrogen (N): 5.00%

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

Weight %

100.00

eve. Call a poison control center or doctor for further treatment advice.

Skin: Remove contaminated clothing. Wash affected area with soap 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. Wash

out mouth with water. Do not give anything to drink.

Indication of Immediate Medical : Treat symptomatically. If product is being mixed with pesticides and/or spray

adjuvants, follow all precautionary statements on the accompanying product(s) **Attention and Special Treatment**

> labeling. Needed

Fire Fighting Measures

Extinguishing Media: Non-combustible liquid. Use water fog, foam, dry chemical or carbon dioxide

extinguishing agents.



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Specific Hazards Arising from the: Emits carbon monoxide under fire conditions.

Chemical

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

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 : Collect free liquids and reuse if uncontaminated. Do not contaminate water

supplies, lakes, streams, ponds or drains.

Methods and Materials for : Absorb with an inert material, collect and place in suitable containers for proper

Containment and Cleanup 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. Keep from freezing. 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: Not established for mixture.

Appropriate Engineering Controls: Natural ventilation is normally 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 light green/dark reddish brown liquid.

Flash Point, ⁰F : Not flammable
Boiling Point, ⁰F : Not determined
Melting Point(Freezing point), ⁰C : Not determined

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 : 1.040 to 1.060 Evaporation Rate(Butyl Acetate = : Not determined

1)

Octanol/Water Partition : No information found

Coefficient

pH: 2.5 to 3.3

Flammable Limits (approximate : Not determined

volume % in air)

Auto-ignition Temperature : Not determined Decomposition temperature : No information found



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10. Stability and Reactivity

Reactivity: No information found

Chemical Stability: Stable

Hazardous Decomposition : May emit carbon monoxide under fire conditions.

Products

Hazardous Polymerization: Will not occur

Conditions to Avoid: Avoid contact with strong bases.

Incompatible Materials : Strong bases or acids.

11. Toxicological Information

Acute Toxicity (Oral LD50) : No oral LD50 determined. Ingestion may cause gastrointestinal upset. May be

harmful if swallowed.

Acute Toxicity (Dermal LD50): No dermal LD50 determined. May be harmful in contact with skin.

Acute Toxicity Inhalation LC50 : No inhalation LC50 determined. Inhalation of mist may cause irritation. May be

harmful if inhaled.

Likely Routes of Exposure : Eyes, skin

Skin Irritation: If not washed off affected area, reddening of the contact site may occur. Causes

mild skin irritation.

Eye Irritation: Causes eye irritation. **Skin Sensitization**: No information found

Carcinogenic: Not listed by IARC, NTP or OSHA.

Chronic Effects: None currently known. **Other Hazards**: None currently known.

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 : No information found

Transportation

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 : 22-April-2015