

Material Safety Data Sheet

Effective Date: 07-SEP-2010
Product: UTILIZE

I. IDENTIFICATION

Chemical Name: Foliar Nutritional
Chemical Family: Bionutritional
Formula: Not applicable, formulated mixture.
Synonyms: None
CAS Number: Not applicable, formulated mixture.
EPA Number: None required

II. PHYSICAL DATA

Boiling Point: Not determined
Freezing Point: Not determined
Spec Gravity: 1.043 gms/cc
Vapor Pressure: Not determined
Vapor Density: Not determined
Solubility: 100%
Volatiles: Not determined
Evaporation: Not determined
Melting Point: Not applicable
Appearance: Light green to reddish brown liquid; sea odor.

III. INGREDIENTS

Material	CAS Number	Percent	TLV	Hazard
Proprietary blend of plant nutrients derived from urea and kelp extracts (ascophyllum nodosum).		100.00	N/E	Skin & eye irritant.
GUARANTEED ANALYSIS:				
Total Nitrogen (N):		5.00%		

IV. FIRE AND EXPLOSION HAZARD

Flash Point: Non-combustible
Autoignition Temp: Not determined
Flammable Limit: Not determined
Extinguishing Media: Use water fog, foam, dry chemical or carbon dioxide extinguishing agents.
Special Fire Fight Proc: Wear self-contained breathing apparatus and

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full protective clothing.

Fire and Expl Hazard: Emits carbon monoxide under fire conditions.

V. HEALTH HAZARD

Carcinogen Information: Not listed by IARC, NTP or OSHA.

ACUTE EFFECTS OF OVER EXPOSURE

Swallowing: No Oral LD50 has been determined. Ingestion may cause gastrointestinal upset.

Skin Absorption: No Dermal LD50 has been determined. No hazard anticipated due to skin absorption.

Inhalation: Inhalation of spray mist may cause respiratory irritation. No Inhalation LC50 has been determined.

Skin contact: Direct skin contact may cause mild irritation. If not washed off affected area, reddening of the contact site may occur.

Eye Contact: Direct contact with eyes may cause temporary irritation.

Chronic Effects: None currently known.

Other Hazard: None currently known.

EMERGENCY AND FIRST AID PROCEDURES

Swallowing: Wash out mouth with water. Do not give anything by mouth to drink. Obtain medical attention.

Skin: Remove contaminated clothing. Wash affected area with soap and water. If irritation develops, seek medical attention.

Inhalation: Move to fresh air. If irritation persists, seek medical attention.

Eyes: Flush eyes with water for at least 15 Minutes, holding the eyelids apart. If irritation develops, seek medical attention.

Notes to Physician: In the event of an adverse response, treatments should be directed toward control of the symptoms and the clinical condition of the patient.

VI. REACTIVITY

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Stability: Stable
Conditions to Avoid: None currently known.
Polymerization: Will Not Occur
Conditions to Avoid: None currently known.
Incompatibility material: Avoid contact with strong bases or acids.
Hazardous Combustion: May emit carbon monoxide under fire conditions.

VII. SPILL OR LEAK PROCEDURES

Spill or Leak Proc: Collect free liquids and reuse if uncontaminated. If contaminated, absorb with an inert material, collect and place in suitable containers for proper disposal.
Waste Disposal Method: This material must be disposed of according to Federal, State or Local procedures under the Resource Conservation and Recovery Act.

VIII. SPECIAL PROTECTION INFORMATION

Respiration: None needed under normal use conditions.
Ventilation: Natural ventilation is usually adequate.
Gloves: Rubber or plastic gloves.
Eyes: Splashproof goggles.
Other: Eyewash, emergency shower, impervious apron and footwear.

IX. SPECIAL PRECAUTIONS

Special precaution: Keep out of reach of children. Do not store with food, feed or other material to be used or consumed by humans or animals. Do not contaminate water supplies, lakes, streams, ponds or drains with this product.
Other precaution: None currently known.

X. SHIPPING INFORMATION

Shipping name: Not regulated by DOT, IATA or IMDG.
Hazard Class: None

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Identification No: None
Labels Required: None required
Placarding: None
Freight Class: Compound, Fertilizer (Manufactured Fertilizer), Liquid, NOIBN (NMFC Item 68140, Sub 6, Class 70)
Chemical Name Equivalent R.Q.

Not applicable Not applicable

XI. GENERAL PRODUCT INFORMATION

National Fire Protection Association Rating:
(Rating level: 4-Extreme, 3-High, 2-Moderate, 1-Slight, 0-Minimum

Health: 1 Fire: 0 Reactivity: 0

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

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

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