

U.S. DEPARTMENT OF LABOR  
Occupational Safety and Health Administration  
**MATERIAL SAFETY DATA SHEET**

**Nutri•Rational® True Foliar® Si 3-0-10**

**SECTION I**

Manufacturer's name: **Emerald Isle, Ltd./**  
Ocean Organics  
Emergency Tel: 800-628-4769 or  
207-832-4305  
Address: 2153 Newport Rd.,  
Ann Arbor, MI 48103  
Date of Creation: 11-01-03  
Chemical Family: Ascophyllum Nodosum  
and Liquid Fertilizer NOI  
Activity: 3% N, 10% K, 1.00% Si

**SECTION II - Hazardous Ingredients/  
Identity Information**

Hazardous Components: None known  
Chemical Name: N/A

**SECTION III - Physical/Chemical  
Characteristics**

Boiling Point >H<sub>2</sub>O  
Specific Gravity 1.17  
Vapor Pressure N/A  
Vapor Density N/A  
Melting Point N/A  
Evaporation Rate <H<sub>2</sub>O  
Appearance and Odor: Dark Amber  
pH 10.2

**SECTION IV - Fire and Explosion Hazard Data**

Flash Point (Method): N/A  
Flammable Limits:  
LEL: N/A  
UEL: N/A  
Extinguishing Media: Water  
Special Firefighting  
Procedures: N/A  
Unusual Fire & Explosion  
Hazards: N/A

**SECTION V - Reactivity Data**

Stability: Stable  
Conditions to Avoid: N/A  
Incompatibility:  
Materials to avoid N/A  
Hazardous Decomposition  
or By-Products: N/A  
Hazardous Polymerization: N/A

**SECTION VI - Health Hazard Data**

Toxicity: None Found  
Routes of Entry: Skin, Ingestion  
Carcinogenicity:  
NTP: No  
IARC Monographs: No  
OSHA Regulated: No  
Emergency & First Aid  
Procedures: This product may cause  
eye and skin irritation  
Immediately flush eyes  
with copious amounts  
of water for at least 15  
minutes. Call a Physician.  
Skin: Wash contaminated areas  
with copious amounts of  
water. If skin irritation  
persists, consult a  
Physician.  
Ingestion: Do not give anything by  
mouth to an unconscious  
person. If swallowed, do  
not induce vomiting; give  
one or two glasses of milk  
or water. Contact Physician  
immediately.

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## **SECTION VII - Precaution for Safe Handling and Use**

Steps to be Taken in Case Material is Released or Spilled:	Absorb liquid spills with a dry absorbent. Containerize unusable material for disposal in an approved waste facility.
Waste Disposal Method:	Dispose in closed containers at an approved landfill, in accordance with local, state, and federal regulations. Material may also be flushed with water to an appropriate waste water treatment system.
Precaution to be Taken in Handling & Storage:	Store in closed containers.
Other Precautions:	Avoid ingestion and contact with eyes, skin, and clothing.

## **SECTION VIII - Control Measures**

Respiratory Protection:	NIOSH/MSHA approved for mists. Use with adequate ventilation and employ respiratory protection when exposure to mist and spray is possible.
Ventilation:	N/A (have adequate ventilation)
Protective Clothing:	Impervious gloves
Eye Protection:	Side-shield safety glasses or goggles

### **Other Protective Clothing & Equipment:**

Wear protective clothing (including chemical-resistant safety shoes) to minimize skin contact. Wash contaminated clothing with detergent and warm water prior to reuse. Safety showers and eyewash stations should be provided in areas where product is to be handled.

### **Work/Hygienic Practices:**

Good housekeeping practices should be followed to minimize exposure to product.

### **Conditions of Sale:**

The information presented herein is believed to be correct, but no claim is made as to the accuracy or completeness of this information. The Manufacturer warrants only that product conforms to label description. No other warranty is made with regard to merchantability, fitness for a particular use, or product performance. Buyer and user agree to accept all liability associated with handling, use, and disposal of this product. Sole remedy for any damage or consequences from use of this product shall be recovery of product's purchase price.