

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

Nutri•Rational® True Foliar® N 19-1-6

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 N-P-K Fertilizer
Solution
Activity: 19% N, 1% P, 6% K,
0.10% Cu, 1.20% Fe,
0.18% Mn, 0.15% Zn

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

Hazardous Components: None known
Chemical Name: N/A

**SECTION III - Physical/Chemical
Characteristics**

Boiling Point >H₂O
Specific Gravity 1.30
Vapor Pressure N/A
Vapor Density N/A
Melting Point N/A
Evaporation Rate <H₂O
Appearance and Odor: Dark Reddish Brown
pH 7.6

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:

Eyes:

Skin:

Ingestion:

This product may cause eye and skin irritation. Immediately flush eyes with copious amounts of water for at least 15 minutes. Call a Physician. Wash contaminated areas with copious amounts of water. If skin irritation persists, consult a Physician. 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.