

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

**Nutri•Rational® True Foliar® N-P-K Plus 10-3-16**

**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: Foliar Fertilizer  
Formula: Derived from Urea,  
Ammonium  
Polyphosphate, Urea,  
Potassium Phosphite, Kelp  
Extract, Potassium Citrate

**SECTION II - Hazardous Ingredients**

None known.

**SECTION III - Physical Data.**

pH 6.80  
Specific Gravity 1.37  
Boiling Point N/A  
Appearance & Odor Dark brown liquid.  
Vapor Pressure N/A  
Vapor Density N/A  
Percent, Volatile by Volume 37% as water  
Evaporation Rate 1 (H<sub>2</sub>O = 1)  
Water Solubility 100%

**SECTION IV - Fire and Explosion Data**

Non-combustible.

**SECTION V - Reactivity Data**

Stability: Stable  
Conditions to Avoid: Freezing, excessive heat,  
moisture.  
Hazardous Polymerization: Will not occur  
Incompatibility:  
Materials to avoid None  
known

**SECTION VI - Health Hazard Data**

Threshold Limit Value: Not Applicable  
Effects of Overexposure: This material is non-toxic.  
Liquid may cause skin  
irritation.

**SECTION VII - Emergency First Aid  
Procedures**

Non-toxic. Remove from eyes or skin by flushing with  
water for at least 15 minutes.

**SECTION VIII - Control Measures**

Ventilation: Not Applicable  
Respiratory Protection: Not Applicable  
Protective Clothing: Not Applicable  
Eye Protection: Safety goggles  
Work/Hygienic Practices: Not Applicable

**SECTION IX - Environmental Protection**

Spills: Dyke or contain to avoid  
product reaching drinking  
water supplies. Pump to  
salvage container. Dispose  
of small amounts with  
inert absorbent materials  
and dispose of according  
to local requirements.  
Waste Disposal: Dispose of according to  
local requirements.  
Container Disposal: Dispose of according to  
Local, State and Federal  
regulations. Recommend  
crushing or other means to  
prevent unauthorized use.

**SECTION X - Regulatory Status**

Not Applicable



800-845-8502