

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

**CPR® 4-0-1**

**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: 1-1-09  
Chemical Family: Liquid Turf Supplement  
Formula: 4-0-1 with 2% Iron  
and wetting agent

**SECTION II - Hazardous Ingredients**

None known (see Section VII)

**SECTION III -Physical Data**

Dark brown water based mixture of seaplant extract,  
micronutrients in solution, and wetting agent.

pH 3.2  
Specific Gravity 1.17  
Boiling Point above 100 C  
Appearance & Odor Dark brown liquid,  
slight marine odor.  
Vapor Pressure Not Applicable  
Vapor Density Not Applicable  
Percent, Volatile by Volume 0  
Evaporation Rate 0  
Water Solubility

**SECTION IV - Fire and Explosion Data**

Non-flammable

**SECTION V - Reactivity Data**

Stability: Generally stable  
Conditions to Avoid: Freezing, excessive heat,  
moisture.  
Hazardous Polymerization: Will not occur  
Incompatability:  
Materials to avoid Iron may precipitate  
at high pH

**SECTION VI - Health Hazard Data**

Routes of Exposure: Eye, skin, ingestion,  
and inhalation.  
Eye contact: May result in temporary  
irritation.  
Skin contact: Prolonged or repeated skin  
contact may result in slight,  
temporary irritation.  
Ingestion: Ingestion of large amounts  
will result in diarrhea and  
weakness. Carcinogenicity  
according to NTP, IARC and  
OSHA: Not listed.

**SECTION VII - Emergency First Aid  
Procedures**

Skin contact: Wash affected areas with soap  
and water. Remove and launder  
contaminated clothing before  
reuse. If irritation develops,  
get medical attention.  
Eye contact: Immediately rinse eyes with  
running water for 15 minutes.  
If irritation develops, get  
medical attention.  
Ingestion: If swallowed, dilute with  
water and immediately  
induce vomiting. Never give  
fluids or induce vomiting if  
the victim is unconscious and  
having convulsions. Get  
immediate medical attention.  
Aid in breathing if necessary,  
and get immediate medical  
attention.  
Inhalation:

CONTINUED



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