

Vital Earth's®

Soluble Seaweed Extract (Kelp)

1-1-17

Material Safety Data Sheet

I. PRODUCT NAME/TRADE NAME:

Vital Earth's Soluble Seaweed Extract (Kelp)

1-1-17

Sizes: 2.25 oz, 3 lb, 15 lb

EPA REGISTRATION #: None

CHEMICAL NAME/COMMON NAME:

Extract from algae (*Ascophyllum nodosum*)

Classification of Product:

Product use:

Emergency Telephone Number:

503-493-2784

Information Telephone Number:

503-493-2784

Date Prepared: 09/29/11

No classification required.

Dilute in water (H₂O) and spray/mist.

II. HAZARDOUS INGREDIENTS

This product does not require labeling. Marking according to hazardous product regulations is not required.

III. PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point:	Not determined.	Specific Gravity (H ₂ O = 1)	NA
Vapor Pressure (mmHg):	Not determined.	Melting Point:	Not determined.
Vapor Density (Air = 1):	Not determined.	Freezing Point:	NA
% Volatiles by vol.:	NA	Evaporation Rate (Butyl Acetate + 1):	Not determined.
Solubility in Water:	100% Water Soluble	Density:	NA
Appearance and Odor:	Black Powder. Marine-like odor.		
Flash Point/Method:	NA		
pH:	10 - 10.5		

IV. FIRE AND EXPLOSION HAZARD DATA

Flash point Flammable Limits: Not applicable.

(Method Used): NA

Extinguishing Media: Use extinguishing media appropriate for surrounding fire. Caution: Slippery in liquid form or when mixed with water.

Products: NA

Sensitivity to LEL: NA

Mechanical Impact: NA

UEL: NA

Sensitivity to Static

Discharge: NA

Conditions of Flammability: Non-flammable.
Non-explosive.

Auto Ignition (degrees Celsius): NA

Special Fire Fighting

Procedures: Use extinguishing media appropriate for surrounding fire. Caution: Slippery in liquid form or when mixed with water.

Unusual Fire and

Explosion Hazards: Non-flammable.

Non-explosive.

V. REACTIVITY DATA

Chemical Stability: Product is stable.

Incompatibility (Products to Avoid): Oxidants and acids may cause degradation.

Hazardous Decomposition or Byproducts: NA

Hazardous Polymerization: Will Not Occur.

Condition to Avoid: Extreme heat or freezing.

Reactivity, and under what conditions: NA

VI. TOXICOLOGICAL PROPERTIES/HEALTH HAZARD DATA

Route(s) of Entry

Skin: No irritation or corrosive effects were observed. Not toxic dermally. No treatment-related effects were observed.

Ingestion: Non-toxic orally. Ingestion of significant amounts may cause nausea and discomfort.

Inhalation:	Not hazardous by inhalation.
Eye Contact:	Non-irritating to the ocular tissue of non-irrigated eyes.
Health Hazard (Acute or Chronic):	NA
Carcinogenicity:	IARC monographs NTP OSHA None Known None Known None Known
Signs and Symptoms of Exposure:	NA
Irritancy of Product:	NA
Sensitization to Product:	NA
Teratogenicity:	None
Reproductive Toxicity:	None
Mutagenicity:	None
Synergistic Products:	None

VII. PRECAUTION FOR SAFE HANDLING AND USE

Personal Protective Equipment

Respiratory: No respirator is required.

Skin: Gloves should be worn when handling due to temporary staining.

Eyes: Eye protection should be worn when handling due to temporary staining.

Exposure Control: No specific ventilation requirements. Eyewash facilities should be available.

Environmental Hazards: Biodegradable. Product presents minimal environmental impact. Plant nutritional supplement and growth stimulant; high concentrations may cause burn of plants. Non-toxic to marine algae, vertebrates or invertebrates.

Engineering Controls: In restricted spaces, use effective ventilation, e.g. Local Air Ventilation. Do not permit excessive accumulation of dust in work areas.

Best practice is to clean up with a vacuum Equipped with a HEPA filter.

Steps to be taken in case material is released

or spilled:

If uncontaminated, collect for reuse or disposal.

Use a clean up system which does not create dust, e.g. a vacuum equipped with a HEPA filter. If contaminated or not required for reuse, dispose in approved landfill in accordance with local regulations.

Waste Disposal Method:

Not classified as hazardous waste. Product must be disposed of according to Federal, State or local procedures.

Precaution to be taken in handling and storing:

Avoid handling which may cause staining. Gloves and eye protection should be worn due to temporary staining. Avoid excessive heat or freezing. Store in cool place and out of direct sunlight. Do not contaminate water, food or feed by storage or disposal.

Special shipping information:

Non-hazardous material according to transport regulations. No special precautions are necessary.

VIII. CONTROL/FIRST AID MEASURES/HEALTH PRECAUTION DATA

Respirator Protections:	No respirator is required.
Ventilation:	No specific ventilation requirements. Eyewash facilities should be available.
Protective/Work Gloves:	Rubber, latex, vinyl, or other impervious gloves recommended.
Eye Protection:	Safety goggles or glasses with side shields and brow protection recommended.
Other Protective Clothing or Equipment:	Not required.
Work/Hygienic Practices:	Wash to remove dust after use.
Eyes:	Flush with tempered water for at least 20 minutes. Obtain medical attention.
Skin:	Wash with soap and water.
Ingestion:	Drink large amounts of water. Do not induce vomiting. Seek immediate medical attention.

Gross inhalation of dust:

Remove victim to fresh air and administer CPR
if necessary.

IX. SPECIAL PRECAUTIONS

Keep out of reach of children. Do not wash storm or sanitary down sewer system. Read and follow all label instructions.

X. REGULATORY DATA

SARA HAZARDOUS CLASS:

Non-hazardous

SARA 313:

No

SARA 302:

No

TPQ:

CERCLA:

No

RQ:

RCRA: No

NFPA HAZARD RATING:

Health: [0]

Fire: [0]

Reactivity: [0]

Special: []

NFPA HAZARD RATING SCALE:

0 = Minimal

3 = Serious

1 = Slight

4 = Severe

2 = Moderate

HMIS CODES:

Health: [0]

Fire: [0]

Reactivity: [0]

HMIS HAZARD RATING SCALE:

0 = Minimal

3 = Serious

1 = Slight

4 = Severe

2 = Moderate

XI. PREPARATION DATE OF MSDS

Prepared by:

Conscious Earthworks, LLC

Phone:

503-493-2784

Date:

09/29/11

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