

**MATERIAL SAFETY DATA SHEET**  
**KELP LOGIC**  
**SOLUBLE SEAWEED EXTRACT**

Latest update: October 1, 2012

**PRODUCT IDENTIFICATION**

Name: Soluble Seaweed Extract

Chemical Description: seaweed extract, Ascophyllum nodosum (algae)

Hazardous components: Non-hazardous under OSHA regulations

Company: Beneficial Biologics, Inc. 707-633-6125

**PHYSICAL /CHEMICAL CHARACTERISTICS**

Boiling point:	Not applicable
Vapor density:	Not applicable
Vapor Pressure:	Not applicable
Apparent Density:	500 g per liter
Evaporation Rate:	Not applicable
Melting Point:	Not applicable
pH:	8-10
Solubility in water:	Highly soluble in water
Appearance:	black powder or flake
Odor:	slight seaweed

**FIRE AND EXPLOSION DATA**

Flash Point Not Applicable

Flammable limits: Smolders when directly heated in flame

Extinguishing media: Water, CO2 or extinguishing agent

Special fire-fighting procedures: No special methods required

Special Fire and Explosion hazards: None known

**REACTIVITY DATA**

Stability:	Stable at normal temperatures
Conditions to avoid:	None known
Incompatibility:	Reactive with oxidizing materials
Hazardous decomposition:	Will not occur
Hazardous polymerization:	Will not occur

**TOXICOLOGY**

**POTENTIAL CHRONIC HEALTH**

Carcinogenic effects: Not classified or listed by IARC, NTP, OSHA, EU and ACGIH

Mutagenic effects: Not available

Teratogenic effects: Not available

## **HEALTH EFFECTS/FIRST AID INFORMATION**

### **ROUTES OF ENTRY**

Inhalation: Dust can cause irritation of mucus membrane, sneezing and coughing.

Eyes: Will irritate on contact, wash out quickly.

Ingestion: No known significant side effects.

Skin: Brief contact with the skin is not toxic.

Repeated or prolonged contact will dehydrate skin.

Signs/symptoms of exposure: Eye irritation and or sneezing, coughing and difficulty breathing.

Carcinogenicity: Ingredient not carcinogenic.

## **EMERGENCY AND FIRST AID PROCEDURES**

Inhalation: Move to fresh air.

If breathing difficult, administer oxygen or artificial respiration.

Consult physician if symptoms occur.

Eyes: Flush immediately with water for 15 minutes, lift lids.

See physician if irritation persists.

Ingestion: For small amounts drink plenty of water.

More than a mouthful should be purged by vomiting, but only if the victim is conscious.

Get medical help if symptoms occur.

Skin: Wash with mild soap and flowing water. Wash contaminated clothing.

## **PRECAUTIONS FOR SAFE HANDLING AND USE**

Respiratory protection: If dust is in air use approved respirator to eliminate exposure.

Ventilation: Exhaust fan recommended in controlling any dust.

Protective gloves/clothing: Rubber or plastic.

Eye protection: Splash goggles recommended where dusting is expected.

Work practices: Use good industrial hygiene practices. Keep containers tightly closed.

Hands: To avoid possible staining use, disposable vinyl gloves.

HMIS Code/Personal

Protective equipment: A

Spills: Avoid creating dust when cleaning up. Shovel or sweep to appropriate containers for recycling/salvage if not contaminated by other material.

Waste disposal method: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

Dispose of product in accordance with local and national regulation.

Container disposal: Triple rinse, then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill.

Precautions in storing and handling: Wash thoroughly after handling.

Keep container tightly closed. Keep in a cool, dry, well-ventilated area.

**TRANSPORTATION**

NAERG: Not applicable

**REGULATORY INFO**

US DOT: Not regulated  
Hazard class: Not regulated as hazardous material  
UN #: Not regulated  
IMDG/IATEA: Not regulated

Packaging group:

**REGULATORY INFORMATION****UNITED STATES**

HCS Classification: Not regulated.  
U.S. FEDERAL REGULATIONS: TSCA: None found  
SARA 302/304/311/312 extremely hazardous substances: None found.  
SARA 302/304 emergency planning and notification: None found  
SARA 302/304/311/312 hazardous chemicals: None found  
SARA 311/312 MSDS distribution/ chemical inventory/ hazard identification: None found  
Clean Water Act (CWA) 307: None found  
Clean Water Act (CWA) 311: None found  
Clean Air Act (CAA) 112 accidental release prevention: None found  
Clean Air Act (CAA) 112 regulated flammable substances: None found  
Clean Air Act (CAA) 112 regulated toxic substances: None found

STATE REGULATIONS: None found

California prop. 65: None found

INTERNATIONAL LISTS: This product (and its ingredients) is (are) listed on national inventories, or is (are) exempted from being listed, Australia (AICS), in Europe (EINECS/ELINCS), in Korea (TCCL), in Japan (METI), in the Philippines (RA6969), Canada (DSL, NDSL)

**OTHER INFORMATION**

NOTES: We do not accept liability for loss, injury, or damage which may result from misuse. Data is solely for guidance purposes of safe handling and uses. We encourage users to conduct their own testing best suited for their purposes under their conditions.