



MATERIAL SAFETY DATA SHEET

SOLUBLE SEAWEED EXTRACT

Latest update: August 15, 2012

PRODUCT IDENTIFICATION

Name: Soluble Seaweed Extract
Chemical Description: seaweed extract, ascophyllum nodosum (algae) 00-00-14
Hazardous components: Non-hazardous under OSHA regulations
Company: Ferti-Organic, Inc (956) 574-8280 www.ferti-organic.com

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

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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 dusting occurs use approved respirator to eliminate exposure.
Ventilation:	Exhaust fan recommended in controlling any dusting.
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.

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Hands: To avoid possible staining use, disposable vinyl gloves.
HMIS Code/Personal Protective equipment: A
Spills: Avoid creating dust when cleaning up. Scoop, 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 (or equivalent). 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

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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.

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