

SAFETY DATA SHEET

Section 1 PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: PureAg Seaweed Extract™
DESCRIPTION: Seaweed Extract, Ascophyllum Nodosum (algae); NPK: 0-0-14

PROVIDER SDS: PureAg, LLC
 4045 South West Temple
 Salt Lake City, Utah 84107
 www.pureagproducts.com
 801-651-3201

EMERGENCY: Contact your local emergency response services

Section 2 HAZARDS IDENTIFICATION

CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

GHS-US Classification

Not classified

GHS-US Labeling

No labeling applicable

Other Hazards

No additional information available

Unknown Acute Toxicity (GHS-US)

Not applicable

Section 3 COMPOSITION INFORMATION

Chemical Characterization:

Substances

Not applicable

Mixture

Seaweed Extract / No product identifier / 100% / GHS-US not classified.

Full text of classification categories and H Statements: See Section 16

Section 4 FIRST AID MEASURES

DESCRIPTION OF FIRST AID MEASURES

Inhalation: Remove from exposure and move to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.

Skin Contact: Get medical aid. Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse.

Eye Contact: Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid immediately.

Ingestion: If victim is conscious and alert, give 2-4 cups of milk or water. Never give anything by mouth to an unconscious person. Get medical aid immediately.

MOST IMPORTANT SYMPTOMS AND EFFECTS, ACUTE & DELAYED

Inhalation: Dust can cause irritation to the respiratory tract mucus membrane, sneezing and coughing.

Skin Contact: Brief contact with the skin is not toxic. Repeated or prolonged contact will dehydrate skin.

Eye Contact: Will irritate on contact, wash out quickly.

Ingestion: No known significant side effects.

INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL Treatment Needed

No additional information available.

Section 5 FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA

Suitable Extinguishing Media: Water, CO2, fire-extinguishing foam.

SPECIAL HAZARDS ARISING FROM THE SUBSTANCE/MIXTURE

Fire Hazard: During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion.

Explosion Hazard: None known.

ADVICE FOR FIREFIGHTERS

Protection During Firefighting: Do not enter fire area without proper protective equipment, including respiratory protection.

Section 6 ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

General Measures: Avoid all contact with skin, eyes, or clothing. Avoid breathing dust. Wear dust mask.

FOR NON-EMERGENCY PERSONNEL

Protective Equipment: Use appropriate personal protection equipment

ENVIRONMENTAL PRECAUTIONS

Prevent entry to sewers and public waters.

METHODS AND MATERIAL FOR CONTAINMENT AND CLEANING UP

For Containment: Stop the flow of material, if this is without risk.

Methods for Cleaning Up: Avoid generation of dust during clean up of spills, Vacuum must be fitted with a HEPA filter to prevent release of particulates during clean up. Dispose of product in accordance with local and national regulation.

Section 7 HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING

Precautions for Safe Handling: Avoid inhaling dust. Avoid contact with eyes, skin and clothing. If dusting occurs use approved respirator to eliminate exposure.

Hygiene Measures: Handle in accordance with good industrial hygiene and safety procedures. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

Storage Conditions: Store in a dry, cool and well-ventilated place. Keep container closed when not in use.

Section 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

CONTROL PARAMETERS

No Occupational Exposure Limits (OELs) have been established for this product or its chemical components. Exhaust fan recommended in controlling any dusting.

EXPOSURE CONTROLS

Personal Protective Equipment: Protective goggles, gloves, protective clothing, dust mask.

Hand Protection: Wear chemically resistant protective gloves.

Eye Protection: Chemical goggles or safety glasses.

Skin and Body Protection: Wear suitable protective clothing.

Respiratory Protection: Use a NIOSH approved respirator or self-contained breathing apparatus whenever exposure may exceed established Occupational Exposure Limits.

**Section 9
PHYSICAL AND CHEMICAL PROPERTIES**

INFORMATION ON BASIC PHYSICAL & CHEMICAL PROPERTIES

Physical State:	Powder or Flakes
Appearance:	Black
Odor:	Slight Seaweed
Odor Threshold:	No Data Available
pH:	9.5 - 10.5
Melting Point:	Not Determined
Freezing Point:	Not Determined
Boiling Point:	Not Determined
Flash Point:	Not Applicable
Auto-Ignition Temperature:	Not Determined
Decomposition Temperature:	Not Determined
Flammability (solid, gas):	Product Is Not Flammable
Auto Igniting:	Not Determined
Danger of Explosion:	Product does not present an explosion hazard
Vapor Pressure:	Not Applicable
Density @ 20°C (68° F):	No Data Available
Specific Gravity/Density:	500g/l
Vapor Density:	Not Applicable
Solubility:	Highly Soluble in Water
Partition Coefficient: n-octanol/water:	Not Determined
Viscosity Dynamic:	Not Applicable
Viscosity Kinematic:	Not Applicable
Viscosity Organic Solvents:	0.0%

OTHER INFORMATION

No additional information available.

**Section 10
STABILITY AND REACTIVITY**

Reactivity: Hazardous reactions will not occur under normal conditions.
Chemical Stability: Stable under recommended handling and storage conditions (see section 7).
Possibility of Hazardous Reactions: No dangerous reactions known.
Conditions to Avoid: Incompatible materials, dust generation.
Incompatible Materials: Contact with strong oxidizing agents.
Hazardous Decomposition Products: Carbon monoxide, carbon dioxide.

**Section 11
TOXICOLOGICAL INFORMATION**

INFORMATION ON TOXICOLOGICAL EFFECTS

Acute Toxicity: Acute inhalation LC/50; >20mg/l/4th; Acute dermal LD/50; Non skin irritant; Eye toxicity: non irritant
Skin Corrosion/Irritation: Not classified
Serious Eye Damage/Irritation: Causes serious eye irritation.
Sensitization: No sensitizing Effects Known.
Carcinogenicity: Not Classified
Reproductive Toxicity: Not Classified
Specific Target Organ Toxicity (Single Exposure): Not Classified
Specific Target Organ Toxicity (Repeated Exposure): Not Classified
OSHA-CA: Substance is not listed.

**Section 12
ECOLOGICAL INFORMATION**

TOXICITY

Aquatic Toxicity:

PERSISTENCE AND DEGRADABILITY

No additional information available.

BIOACCUMULATIVE POTENTIAL

No additional information available.

MOBILITY IN SOIL

No additional information available.

ADDITIONAL ECOLOGICAL INFORMATION

No know effects from this product.

RESULTS of PBT and vPvB ASSESSMENT

PBT: Not Applicable / **vPvB:** Not Applicable

**Section 13
DISPOSAL CONSIDERATIONS**

WASTE TREATMENT METHODS

Waste Disposal Recommendations: Landfill or agricultural application.
Uncleaned Packaging Recommendations: Disposal made according to official regulations.

**Section 14
TRANSPORT INFORMATION**

UN-Number DOT, ADR, ADN, IMDG, IATA: Not regulated for transport.
UN Proper Shipping DOT, ADR, ADN, IMDG, IATA: Not regulated for transport.
Transport Hazard Classes DOT, ADR, ADN, IMDG, IATA: Not regulated for transport.
Packing Group DOT, ADR, IMDG, IATA: Not regulated for transport.
Marine Pollutant: No
Special Precautions for User: Not Applicable
Transport in Bulk According to Annex II of MARPOL73/78 and the IBC Code UN "Model Regulation": Not Applicable

**Section 15
REGULATORY INFORMATION**

Safety, Health and Environmental Regulations/Legislation Specific for the Substance or Mixture

SARA

Section 355 (extremely hazardous substances): Not Listed

Section 313 (specific toxic chemical listings): Not Listed

TSCA (Toxic Substances Control Act): Not Listed

PROPOSITION 65

Chemicals known to cause cancer: Not Listed

Chemicals known to cause reproductive toxicity for females: Not Listed

Chemicals known to cause reproductive toxicity for males: Not Listed

Chemicals known to cause developmental toxicity: Not Listed

CARCINOGENIC CATEGORIES

EPA (Environmental Protection Agency): Not Listed

TLV (Threshold Limit Value Established by ACGIH): Not Listed

NIOSH-Ca (National Institute for Occupational Safety and Health):

Not Listed

GHS Label Elements: The substance is classified and labeled according to the Globally Harmonized System (GHS).

National Regulations: Not Listed

State Right to Know: Not Listed

Chemical Safety Assessment: A Chemical Safety Assessment has not been carried out.

**Section 16
OTHER INFORMATION**

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.

This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910-1200.