



# Safety Data Sheet

## 1. IDENTIFICATION

TRADE NAME: ProAlga  
SYNONYMS: Soluble Seaweed Powder 0-0-17  
Producer/Supplier: ProGreen Ag  
Address: 1669 Oak Rd.  
City, State and Zip Code: Perry, KS 66073  
Telephone: 785-220-2123  
Contact Person: Jeff Steward  
Emergency Telephone: 785-220-2123  
Recommended Uses: Crop Fertilizer and Soil Amendment Restrictions  
on Use: None

## 2. HAZARD IDENTIFICATION

Non-toxic and non-flammable. This product does not require labeling.

## 3. COMPOSITION OF PRODUCT

No.	Ingredients Name	CAS-NO	Cons. (weight %)	Classification
1	Ascophyllum nodosum extract	84775-78-0	100%	IK

Legend: T+ = Very Toxic, T = Toxic, C = Corrosive, Xn = Harmful, Xi = Irritant, IK = No Classification Required, E = Explosive, O = Oxidizing, F+ = Extremely Flammable, F = Very Flammable, Fo = Flammable, N = Dangerous to Environment, Mu = Genotoxic, Sens = Sensitizing, Care = Carcinogen, Repr = Causes Birth Defects

## 4. FIRST AID

**GENERAL** Non-hazardous material. If irritation or discomfort occurs, seek medical advice from a physician.

**EYE CONTACT** Immediately flush eyes with plenty of water for 10 minutes or as long as necessary. Keep eyes wide open while flushing. Seek medical attention if irritation persists.

**SKIN CONTACT** Wash with mild soap and water. Seek medical attention if discomfort occurs.

**INHALATION** Do not intentionally breathe vapors. Ventilate the area well and go to an open space.

**INGESTION** Drink plenty of water or milk. Seek medical attention if discomfort occurs.

## 5. FIRE FIGHTING MEASURES

**FLASH POINT** Not applicable.

**FLAMMABLE LIMITS** Not applicable.

**SUITABLE EXTINGUISHING EQUIPMENT** Use extinguishing media appropriate for surrounding fire.

Caution: Slippery in liquid form or when mixed with water. No unusual fire or explosion hazards noted.

**FIRE AND EXPLOSION HAZARDS** Non-flammable. Non-explosive.

**POSSIBLE SPECIAL HAZARDS** In case of fire, avoid breathing of fumes since it may release toxic fumes containing oxides of Carbon Oxides (COx) and Nitrogen Oxides (NOx).

**FIREFIGHTER PRECAUTIONS** Wear full protective equipment and a self-contained breathing apparatus (SCBA).

## 6. ACCIDENTAL RELEASE MEASURES

**SAFETY MEASUREMENTS TO PROTECT PERSONS** Wear suitable protective clothing, gloves and eye protection.

**PROPER METHODS FOR DAMAGE LIMITATION AND CLEANUP** Wear suitable protective clothing, gloves and eye protection.

## 7. HANDLING AND STORAGE

**PRECAUTIONS FOR SAFE HANDLING** Avoid powder inhalation. Avoid direct contact with skin and eyes. Use personal protective equipment as specified in section 8. Always respect hygienic rules, do not drink or eat in work areas.

**STORAGE RECOMMENDATIONS** Keep in a tightly closed container away from humidity and heat sources to maintain product integrity. Store in a cool place and out of direct sunlight.

## 8. EXPOSURE CONTROL AND PERSONAL PROTECTION

**EXPOSURE CONTROL** Handle in a well ventilated area. Eyewash facilities should be available.

**EXPOSURE LIMITS** No data available.

**RESPIRATION PROTECTION** No respiratory protection required during normal handling.

**EYE PROTECTION** Eye protection should be worn when handling due to temporary staining.

**HAND PROTECTION** Gloves should be worn when handling due to temporary staining.

**SKIN PROTECTION** No special personal protection required under conditions of intended use. In the event of a bulk spill, wear appropriate protective clothing.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Powder	Air reactive	Non applicable
Color	Black	Percent volatile (by volume)	Non applicable
Odor	Marine-like	Bulk density	0.65 g/cm <sup>3</sup>
Solubility	100% water soluble	Solubility in water	100% at 20°C
Melting Point/Range	Not determined	Saturation conc.	Not determined
Expl. Limit LEL-UEL. %-%	Non applicable	Rel.density sat. air (air=1)	Not determined
Vapor Pressure	Not determined	Boiling point/range	Not determined
Decomposition Temp.	Not determined	pH Concentrate	10
pH Value	9 - 10	Viscosity	Non applicable
Flash Point	Non applicable	Smelling limits lo-hi	Not determined
Molecular Weight	Not determined	Rel. evap. velocity	Not determined
Ignition Temp.	550°C	Water reactive	Non applicable
Flammability	Non flammable		
Upper/Low	Flammability Limits Non flammable		
Decomposition	Temperature Non applicable		
Rel. Vapor Density (air=1)	Not determined		

## 10. STABILITY AND REACTIVITY

**REACTIVITY** This product is stable and does not decompose under normal use and storage conditions.

**CHEMICAL STABILITY** Stable under usual work conditions.

**CONDITIONS TO AVOID** Excessive heat or freezing.

**MATERIALS TO AVOID** Oxidants and acids may cause degradation.

**HAZARDOUS DECOMPOSITION PRODUCTS** In case of fire, may release toxic fumes containing oxides of Carbon Oxides (COx) and Nitrogen Oxides (NOx).

**HAZARDOUS POLYMERIZATION** Will not occur.

## 11. TOXICOLOGICAL INFORMATION

**ROUTES OF EXPOSURE** Can be an irritant for the nose and respiratory system if inhaled. Can be an irritant for the skin. Can be an irritant for the eyes. Can be an irritant for the mouth and digestive tract if ingested.

**TOXICOLOGICAL EFFECTS** Under normal conditions of use, no health effects are expected.

**ACUTE TOXICITY** No acute toxicity study is provided due to the nature of the substance. Maxicrop Soluble Seaweed Powder is not deemed to pose any toxicological hazard.

## 12. ECOLOGICAL INFORMATION

**BREAKDOWN** Biodegradable organic substance. Product presents a minimal environmental impact.

**ECOTOXICITY** Plant nutritional supplement and growth stimulant, high concentrations may cause burn of plants. Non toxic to marine algae, vertebrates or invertebrates.

## 13. DISPOSAL CONSIDERATIONS

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

## 14. TRANSPORT INFORMATION

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

## 15. REGULATORY INFORMATION

**REFERENCES** The product is not dangerous and requires no special labels.

**SAFETY, HEALTH, AND ENVIRONMENTAL REGULATIONS** Substance is subject to any prohibitions or restrictions in the country or region where it is being shipped.

## 16. OTHER INFORMATION

**DATE OF PREPARATION:** June 2015

**LAST REVISION DATE:** November 17, 2015

This revised SDS cancels and replaces any preceding release or MSDS. It refers solely to the product indicated and constitutes no guarantee of particular quality.

## VENDOR NOTES

Every endeavor has been made to ensure that the information contained in this SDS leaflet is reliable, but we cannot accept liability for any loss, injury or damage, which may result from its use or misuse. Data given in this SDS is solely for the guidance in safe handling and use of the product by customers; they do not form part of any specification. If any difficulties arise, we shall be glad to discuss them. Customers are encouraged to conduct their own tests following discussion with our technical department. The above information is based on experience, but it is always advisable for customers to satisfy themselves, by consultation with our technical department and small-scale testing is necessary, that product, which they have selected, is suitable for their purpose under their conditions of use.