
According to Regulation (EC) No. 1907/2006
Version Revision Date: 03/07/2020

Section 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Product Name: Nature Safe Atlantic Seaweed
Product Number(s): G60189 (1L Irl), G60145 (1L UK)

1.2 Relevant identified uses of the substance or mixture and uses advised against

Seaweed

1.3 Details of the supplier of the safety data sheet

Hygeia Chemicals Limited, Carrowmoneash, Oranmore, Co. Galway
Tel: 091-794722 Fax: 091-794738 email: services@hygeia.ie

1.4 Emergency telephone number

Ireland - National Poisons Information Centre (Tel: 01-8379964) (Fax: 01-8368476)
UK - NHS 111/24/Direct

Section 2: Hazards Identification

Hazard Classification : Non-hazardous. This product does not require special labelling.

Safety Precautions : Wear suitable protective eye protection and clothing due to staining.

Section 3: Composition/information on ingredients

Composition : *Ascophyllum nodosum*
CAS No. 84775-78-0
Cons. (weight) 28%
Classification: Irritant

Material : SeaMeGrow™ is a natural plant biostimulant produced in Galway on the West Coast of Ireland. This green concentrated liquid is manufactured from fresh hand harvested *Ascophyllum nodosum* using an exclusive cold proprietary process to release bioactive molecules without using chemicals or heat. These are the main active compounds for plant growth stimulation but the product also contains all the other beneficial organic and mineral components of brown seaweed.

A cosmetic grade preservative (Euxyl® K712) is added at < 0.3%).

According to Regulation (EC) No. 1907/2006
Version Revision Date: 03/07/2020

Section 4: First Aid Measures

General: Non-hazardous material. If irritation persists, seek medical advice from a physician.
Eye Contact: Non-irritating to ocular tissue. In case of exposure flush eyes with plenty of water. Seek medical attention if irritation occurs.
Skin Contact: Non-irritating to skin. Wash with mild soap and water. Seek medical attention if discomfort occurs.
Inhalation: Non-toxic. Do not intentionally breathe vapours.
Ingestion: Non-toxic if ingested. Do not induce vomiting and drink water or milk. Seek medical attention if discomfort occurs.

Section 5: Firefighting Measures

Extinguishing equipment: Use extinguishing media appropriate for surrounding fire.
Fire & Explosion Hazards: : Non-flammable. Non-explosive.
Possible Special Hazards: This product is non-combustible.
Firefighting Precautions: Wear full protective equipment and a self-contained breathing apparatus .

Section 6: Accidental Release Measures

Proper methods for damage Limitation & Clean up: Spills may be easily cleaned up by removing as much liquid material as possible and washing remaining spill with copious amounts of water. Avoid loose product on floor in damp areas since product may become slippery with the addition of clean-up water

Section 7: Handling and Storage

Handling: No special requirements
Storage Recommendations: Store in a cool place. Store between 5°C-40°C for optimum results.

Section 8: Exposure Controls/Personal Protection

According to Regulation (EC) No. 1907/2006
Version Revision Date: 03/07/2020

Exposure Control: No specific requirements.
Respiration Protection: No specific requirements.
Eye Protection: No specific requirements.
Hand Protection: No specific requirements

Section 9: Physical and Chemical Properties

Physical State	Liquid	Air Reactive	N/A
Colour	Pale Green	Percent Volatile	N/A
Odour	Seaweed aroma	Bulk Density	N/A
Solubility	100% Soluble in water	Vapor Pressure	N/A
Melting Pont/Range	N/A	Viscosity	N/A
Explosive Limits (LEL/UEL)	N/A	Solubility in Water	Soluble
Vapor Pressure	Not Determined	Saturation Conc.	Not Available
		Rel. Density Sat. Air (Air = 1)	Not Determined
pH Value	4.4 to 5.1	Boiling Point	102°C
Flash Point	N/A	Smelling Limits (Lo-High)	Not Determined
Specific Gravity	1.09	Rel. Evap. Velocity	Not Determined
Ignition Temp.	Not Available		

Section 10: Stability and Reactivity

Stability: 12 months
Hazardous Composition Products: Not Available
Hazardous Polymerization: Does not occur

Section 11: Toxicological Information

According to Regulation (EC) No. 1907/2006
Version Revision Date: 03/07/2020

Toxicology Information:	No adverse health effects are expected under normal use. Symptoms and effects that may arise if the product is mishandled and over exposure occur are listed below.
Acute Toxicity:	No acute toxicity study is provided due to the nature of the substance. This product is not deemed to pose any toxicological hazard.
Routes of Exposure:	Can be an irritant for the mouth, nose, throat and digestive tract if ingested. Can be an irritant for the skin or the eyes.
Ingestion:	Ingestion of significant amounts may cause nausea and discomfort.
Ocular:	May be irritating to the ocular tissue of non-irrigated eyes. The symptoms may include redness, itching and tearing.
Dermal:	May be irritating to the skin. The symptoms include redness, itching and swelling.
Inhalation:	Inhalation may cause irritation of the nose, throat, and respiratory system.

Section 12: Ecological Information

Ecotoxicity:	Soil conditioner and amendment; high concentrations may cause burn of plants.
Breakdown:	Biodegradable. Product presents minimal environmental impact.
Persistence/Degradability	No data available
Bioaccumulation:	Product is not expected to bio accumulate.
Environmental:	Large quantities should not be discharged into waterways, drains, or sewers.

Section 13: Disposal Considerations

Product Disposal:	Not classified as hazardous waste. Product must be disposed of in accordance with all applicable national and local regulations.
Container Disposal :	When possible, containers should be rinsed with clean water and disposed of in line with local regulations

Section 14: Transport Information

According to Regulation (EC) No. 1907/2006
Version Revision Date: 03/07/2020

Transport: Non-hazardous material according to transportation regulations. No special precautions are necessary.

Section 15: Regulatory Information

R-Phrases This product is not considered hazardous. The product does not require labelling. Marking according to hazardous product regulations is not required

Section 16: Other Information

N/A