

1.	IDENTIFICATION OF SUBSTANCE/PREPARATION AND COMPANY
Product Name	Growth Enhancer
Product Code	AAC 3107
Product Uses	Naturally Derived Plant Growth Stimulant
Supplier	The Alga Company Telford Shropshire TF2 8NY
Telephone No.	+44 (0)1952 416212 PT + 351308803022
E Mail	info@thealgacompany.com
Emergency Telephone No.	+44 (0)7697696070
2.	COMPOSITION/INFORMATION ON INGREDIENTS
General Description	Preparation
Chemical Nature	Proprietary blend of seaweed and plant extracts and inorganic salts.
Hazardous Ingredients *	CAS Number % EC Number Symbol R Phrases
* Occupational Exposure Limit (s), if available, are listed in section 8.	
3.	HAZARDS IDENTIFICATION
Hazard Classification	Not classified as hazardous in accordance with EC Directive 1999/45/EC and amendments.
Human Health Hazards	
Safety Hazards	
Environmental Hazards	
4.	FIRST AID MEASURES
First Aid Measures	
Inhalation	If symptoms occur, remove to fresh air.
Skin Contact	Rinse with water.
Eye Contact	Remove any contact lenses. Wash the eye with plenty of water for at least 15 minutes with the eyelid held wide open. Seek medical advice if symptoms occur.
Ingestion	Rinse mouth with water; drink copious quantities of water if a large quantity has been ingested. Do not induce vomiting. Seek medical advice if symptoms occur.
Effects & Symptoms	
Inhalation	No known effects.
Skin Contact	Repeated and/or prolonged use may cause dehydration of the skin.
Eye Contact	Concentrated solutions may cause some irritation.
Ingestion	Ingestion of small quantities will not normally cause any gastro-intestinal effects. Ingestion of large quantities may cause nausea and/or diarrhoea.
Protection Of First-Aiders	No special measures required
Notes To Physician	No special measures required
General Information	In case of accident, if symptoms persist or in the event of illness, seek medical advice immediately. If possible provide a copy of this safety data sheet to the medical adviser. Never give anything by mouth to an unconscious person.
5.	FIRE FIGHTING MEASURES
Extinguishing Media	Water, foam, carbon dioxide and dry powder extinguishers.
Unsuitable Extinguishing Media	None.
Unusual Fire & Explosion Hazards	None.
Fire Fighting Equipment	Standard.
Protection of Fire-fighters	Standard.
6.	ACCIDENTAL RELEASE MEASURES
Personal Precautions	Prevent skin and eye contact.
Environmental Precautions	Uncontaminated product should not cause harm to drains, sewers and natural watercourses.
Clean-up Methods	Small spillages of uncontaminated product may be washed away with water. Contaminated product should be contained, absorbed onto dry sand or similar material and placed in suitable containers for disposal.
Other Hazards	Spillages may create unusually slippery surfaces.
7.	HANDLING AND STORAGE
Handling	Handle in accordance with good industrial practice, no special precautions required with product alone.
Storage	Store upright in original container away from thoroughfares to avoid accidental damage. Keep away from sources of heat or direct sunlight.
8.	EXPOSURE CONTROLS/PERSONAL PROTECTION
Exposure Limit Values	No exposure limits have been established for this product.
Exposure Controls	
Engineering Measures	No special measures required.
Hygiene Measures	Avoid contact with eyes, skin or clothes. The usual precautionary measures for general handling of chemicals should be adhered to.
Personal Protective Equipment	
Respiratory Protection	No personal respiratory protective equipment normally required.
Hand Protection	Impervious gloves recommended.
Eye Protection	Safety glasses recommended.
Skin & Body Protection	Protective overalls and shoes/boots recommended.
Environmental Exposure Controls	

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Liquid	Colour	Dark Brown
Odour	Characteristic	pH (concentrate)	N/A
Freezing point/freezing range	N/A.	Boiling point/Boiling range	> 100°C.
Flash Point	N/A.	Flammability Limits	N/A.
Relative density(g/cm³)	Typically 1.05	Autoflammable	N/A.
Solubility in water	Partial		

10. STABILITY AND REACTIVITY

Stability	Normally stable.
Conditions to avoid	Extremes of temperature.
Materials to avoid	Strong acids.
Hazardous decomposition products	Oxides of carbon and nitrogen.

11. TOXICOLOGICAL INFORMATION

Inhalation	Not normally irritant.
Skin contact	Not normally irritant.
Eye contact	Concentrated solutions may cause some irritation.
Ingestion	Ingestion of small quantities will not normally cause any gastrointestinal symptoms. Ingestion of large quantities may cause gastrointestinal symptoms, particularly diarrhoea.
Sensitization	No sensitising effect known.
Acute Toxicity	Non-known.
Chronic Toxicity	Non-known.
Additional Toxicological Effects	In our experience, when used and handled according to specifications, the product does not have any harmful effects.
Information on hazardous ingredients:	N/A

12. ECOLOGICAL INFORMATION

Ecotoxicity	None.
Mobility	N/A.
Persistence/degradability	Biodegradability of surfactants and sequesterants exceeds OECD protocol.
Bioaccumulation	None.
Information on Hazardous ingredients:	N/A

13. DISPOSAL CONSIDERATIONS

Product	Dispose of surplus product and waste residues in accordance with all applicable local and national regulations.
Packaging	Made from HDPE and should be disposed of in accordance with all applicable local and national regulations. Where possible uncontaminated packaging should be re-used or recycled.

14. TRANSPORT INFORMATION

General Information	This product is not classified as hazardous for transportation.
<u>International Transport Regulations</u>	
UN number	-
Class	
Proper Shipping Name	
Packing Group	
ADR/RID Class	
ADR/RID Item No.	
IMDG Class	
Marine Pollutant	
MFAG No.	
Ems No.	
IATA Class	
<u>National Transport Regulations</u>	
United Kingdom	No additional national transport regulations are known to the supplier.

15. REGULATORY INFORMATION

Classification	Classified in accordance with EU regulations 1999/45/EC & 67/548/EEC and amendments.
Hazard Symbol	None.
Risk Phrases	None.
Safety Phrases	None.

Product Code: AAC3107
SDS Reference: SDS.3107.001
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THE ALGA COMPANY
SAFETY DATA SHEET
Conforms to 2001/58/EC & ISO 11014-1

16. OTHER INFORMATION

List of Relevant R-phrases

Sources of Key Data

EC directives 67/548/EEC and amendments, 1999/45/EC and amendments, 2001/58/EC.
The Chemical (Hazards Information and Packaging for Supply) Regulations 2002.
ISO 11014-1 Safety Data Sheet for Chemical Products – Part 1.

Reason for Revision

New Product

Further Information

Technical Data Sheet No. TDSSC3107

Vendor Notes

The above information, including the health, safety and environmental information and recommended precautions, is considered to be accurate at the time of issue, however no warranty, guarantee or representation, whether express or implied is given in respect of its accuracy. The information may not be accurate for all individuals and/or situations and/or applications. It is the obligation and responsibility of users to evaluate this information and to use the product safely and to comply with all applicable laws and regulations.

Back to

Customers are reminded that there may be uses or applications for the product, which have the benefit of patent registration and you are therefore recommended in your own interest to take appropriate steps to avoid the infringement of such patents. Nothing herein may be construed as an authority or encouragement to use or apply the product in contravention of such rights.

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