

Safety Data Sheet
 according 1907/2006/EC (REACH), 2015/830/EU

Seaweed

Date : 15/01/2016

Version No. 3

Review date: 25/06/19

1 SECTION 1: IDENTIFICATION OF THE SUBSTANCE/ MIXTURE AND OF THE COMPANY/ UNDERTAKING

Product identifier

1.1 A. Product name: **SEAWEED**

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

Seaweed is an activator of the development and immune system of plants, in accordance with Decree No 2016-532 and REGULATION (EC) No 889/2008 laying down detailed rules for the implementation of European Regulation on organic farming No 834/2007.

Uses advised against:

Any use not specified in this section or in section 7.3

Use Descriptor System (REACH): No data available (not applicable).

1.3 Details of the supplier of the safety data sheet

Supplier identification	Terra Aquatica Sarl (GHE)
Address	Route de Lecture, 32500 Fleurance
Phone number	+33 (0)5 62 06 08 30
E-mail address	info@eurohydro.com

1.4 Emergency telephone number

Medical services/ emergency services	15
Fire and rescue services	18
Police	17
EU Emergency call line	112
Toxicological Information Centre ORFILA (INRS)	01 45 41 59 59
Toxicological Information Centre South West	05 61 77 74 47

2 SECTION 2 : HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Reg. 1272/2008/CLP In accordance with Regulation No. 1272/2008 (CLP), the product is not considered dangerous.

Additional information :

Hazards for humans None

Environmental hazards None

Physico-chemical hazards None

Other hazards None

Labelling elements

Labelling according to Regulation (EC) No 1272/2008 [CLP]

2.2 Hazard pictograms None

Signal word None

Hazardous substances to be indicated on the label None

Hazard statements H: None

Precautionary statements P: Phrases P
P102 Keep out of reach of children

2.3 Other hazards

Reg. 1272/2008/CLP None

3 SECTION 3 : COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances Non applicable

3.2 Mixtures Name SEAWEED
Mixture classified as hazardous within the meaning of the CLP regulation and related classification: None.
Algae cream based on *Aschophyllum nodosum*.

4 SECTION 4 : FIRST AID MEASURES

No known incidents of damage to persons who have used this product.

However, in case of doubt or if symptoms persist, seek medical attention. Do not give anything by mouth to an unconscious person. The general measures described below should be adopted:

4.1

Description of first aid measures

Following eye contact Do not allow the victim to rub their eyes or keep their eyes closed. Immediately flush eyes, including under the eyelids, with plenty of clean, clear water for at least 15 minutes.

Check if the victim is wearing contact lenses and if so, remove them. Consult a doctor if irritation persists.

Following skin contact Non-irritating. Wash thoroughly with soap and water. Remove contaminated clothing.

Following ingestion Do not induce vomiting. Rinse the mouth with water. If a person has swallowed this product and is conscious, give plenty of water to drink. Call a doctor if adverse health effects persist or worsen.

Following inhalation The inhalation of the product is unlikely under normal working conditions.
If inhaled, move to fresh air. In case of breathing difficulties, consult a doctor as soon

		as possible.
	Self-protection of the first aider	No action should be taken that involves an individual risk or in the absence of appropriate training. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It can be dangerous for the person assisting a victim to practice mouth-to-mouth. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.
	Other information	For further details of first aid administration, including but not limited to more serious health effects, the doctor may consult the Toxicological Information Centre, hotline: see section 1.4
4.2	Most important symptoms and effects, both acute and delayed	Inhalation: Inhalation of the product is unlikely under normal operating conditions; Eye and skin contact: May cause skin and eye irritation depending on the contact time with the product. Ingestion: May cause irritation of the gastrointestinal tract
4.3	Indication of any immediate medical attention and special treatment needed	Note to the attending physician Symptomatic treatment required. No special treatment.

5 SECTION 5 : FIREFIGHTING MEASURES

	Extinguishing media	Suitable extinguishing media: In the event of continued combustion, caused by improper handling, storage or use, the following extinguishing media may be used: carbon dioxide (CO ₂) and water. Inappropriate extinguishing media: None in particular
5.1		
	Special hazards arising from the substance or mixture	Do not inhale explosion and combustion gases. Combustion produces smoke containing carbon monoxide (Cox), nitrogen oxides.
5.2		
	Advice for firefighters	<u>Protective actions to be taken when fighting fires</u> None. <u>Appropriate protective equipment</u> The product is not combustible. In the event of a fire in the surrounding area, appropriate extinguishing media and protective equipment may be used for the other materials present (full protective clothing and personal respiratory equipment), in accordance with EN469 for a basic level of protection against chemical incidents. Have a minimum of emergency facilities or intervention elements (fire blankets, medicine kit, etc.) in accordance with Directive 89/654/EC.
5.3		
	Other information	Additional provisions: Respond in accordance with the Internal Emergency Plan and the Fact Sheets on Accident and Other Emergency Response. Remove all sources of ignition. In case of fire, refrigerate containers and storage tanks for products that may ignite and explode as a result of high temperatures. Avoid spilling products used to extinguish
5.4		

the fire in the aquatic environment.

6 SECTION 6 : ACCIDENTAL RELEASE MESURES

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel Ensure good ventilation.
In the event of accidental release of large quantities, evacuate all personnel and allow access only to trained operators equipped with appropriate personal protective equipment (wear protective clothing, gloves and goggles). (See section 8)

For emergency responders Workers will be equipped with appropriate personal protective equipment.
(See section 8): complete skin protection, nitrile gloves and safety glasses.

Environmental precautions



6.2 Avoid contamination of sewers, surface water and groundwater. If this happens, inform the competent authorities.
Dilute with water, collect contaminated water and dispose of it in authorized structures, or collect in labelled plastic containers and reuse as fertilizer.

Methods and material for containment and cleaning up

6.3 For containment: Sewer coverage
For cleaning up: Collect the spilled product by mechanical means and remove any residues by water jets. Provide adequate ventilation at the location of the spill. The disposal of the contaminated material must be carried out in accordance with the provisions of point 13.
Material that can be used for the collection: absorbent material, earth, sand.
Collect the remains in an identified container: see point 13 for disposal.
Personal protective equipment: see section 8
6.4 Withdrawal considerations: see section 13.
See section 1 for emergency contact information.

7 SECTION 7 : HANDLING AND STORAGE

Precautions for safe handling

7.1 Avoid the formation of suspended particles and the dispersion of the product in the air.
Use adequate ventilation in areas where suspended particles develop.
Keep away from flames and sparks. Do not smoke. Keep away from heat sources and other sources of fire.
Do not eat, drink or smoke in work areas
Wash hands after each use.

Conditions for safe storage, including any incompatibilities

7.2 Wash empty containers before reuse.
Ensure adequate local ventilation or extraction.
Store away from light and Store in a cool, dry place.
Close containers before and after each use to avoid sources of moisture or heat.

Keep containers upright.
Store in areas with impermeable pavement.

7.3 **Specific end use(s)** No specific end uses.
Good practices: keep in closed containers. Close containers before and after each use to avoid sources of moisture or heat. Store in areas with waterproof pavement.

8 SECTION 8 : EXHIBITION CONTROLS/INDIVIDUAL PROTECTION

8.1	Control parameters	Not applicable Use good industrial hygiene practices. No occupational exposure limit available.
8.2	Exposure controls	
	Appropriate engineering controls	Use individual protections in compliance with UNI-EN provisions. Good general ventilation should be sufficient to control workers' exposure to airborne contaminants.
	Individual protection measures, such as personal protective equipment	Use individual protections placed on the market in accordance with the provisions of Regulation (EU) 2016/425 of the European Parliament and of the Council of 9 March 2016. Personal protective equipment must be adapted to the risk, kept clean and properly maintained in accordance with the provisions of the Labour Code.
	Eye/face protection	It is necessary to wear safety glasses that comply with the NF EN166 standard before handling any products.
	Skin protection	Hands: Wear suitable protective gloves in case of prolonged or repeated contact with the product. Use suitable chemical-resistant protective gloves in accordance with NF EN374.
	Respiratory protection	Not necessary for normal use
	Body protection	Wear appropriate protective clothing. After contact with the product, all soiled parts of the body should be washed.
	Environmental exposure controls	No available data

9 SECTION 9 : PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance	Physical state: Aqueous solution Color: Green
Odour	Characteristic
pH	4.9 to 20°C
Melting point	>100°C
Freezing point	Not determined
Initial boiling point and boiling range	Not applicable
Flash point	Not applicable
Evaporation rate	Not applicable
Flammability (solid, gas)	Not applicable
Upper/lower flammability or explosive limits	Not applicable
Vapour pressure	Not applicable
Vapour density	Not applicable

Relative density	1.1Kg/dm ³
Solubility(ies) 20°C	Not applicable
Partition coefficient: n-octanol/water	Not applicable
Auto-ignition temperature	Not applicable
Decomposition temperature	Not applicable
Viscosity	Not applicable
Explosive properties	Not applicable
Oxidising properties	Not applicable
Refraction index	Not applicable
Rotary power	Not applicable

9.2

Other information

No other information

10 SECTION 10 : STABILITY AND REACTIVITY

10.1	Reactivity	Stable under normal storage and handling conditions.
10.2	Chemical stability	Stable under normal storage and handling conditions.
10.3	Possibility of hazardous reactions	Not applicable
10.4	Conditions to avoid	Avoid high temperatures
10.5	Incompatible materials	Not applicable
10.6	Hazardous decomposition products	At high temperatures and in case of fire, decomposition products are formed: carbon monoxide, nitrogen oxide.

11 SECTION 11 : TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

a) acute toxicity;	Non applicable
(b) skin corrosion/irritation;	
(c) serious eye damage/irritation;	
(d) respiratory or skin sensitisation;	
(e) germ cell mutagenicity;	
(f) carcinogenicity;	
(g) reproductive toxicity;	
(h) STOT-single exposure;	
(i) STOT-repeated exposure;	
(j) aspiration hazard	
Symptoms related to the physical, chemical and toxicological characteristics	Ingestion: May cause irritation of the gastrointestinal tract Inhalation: No known significant effects or critical hazards. Skin exposure: May cause slight irritation depending on exposure time. No known significant effects or critical hazards. Eye exposure: May cause slight irritation depending on exposure time... No known significant effects or critical hazards.
Delayed and immediate effects as well as chronic effects from short- and	No known effect

long-term exposure

Interactive effects	No known effect
Absence of specific data	No known effect
Mixtures	No known effect
Mixture versus substance information	Mixture not containing substances subject to registration. No known adverse effects or symptoms resulting from exposure to the mixture or its components.
Other information	Comply with good industrial hygiene practices

12 SECTION 12 : ECOLOGICAL INFORMATION

12.1	Toxicity	Adopt good practices of use so that the product is not released into the environment
12.2	Persistence and degradability	Not applicable
12.3	Bioaccumulative potential	Not applicable
12.4	Mobility in soil	Not applicable
12.5	Results of PBT and vPvB assessment	None
12.6	Other adverse effects	No known adverse effects

13 SECTION 13 : DISPOSAL CONSIDERATIONS

13.1	Waste treatment methods	Recover the product as much as possible. Follow local and national legislation (Directive 2008/98/EC)
	Waste codes / waste designations according to LoW:	Not applicable

14 SECTION 14 : TRANSPORT INFORMATION

Non-hazardous transport. In the event of an accident and product spillage, proceed as described in point 6

14.1	UN number	Not applicable
14.2	UN proper shipping name	Not applicable
14.3	Transport hazard class(es)	Not applicable
	ADR	Environmental pollutant (ADR): no
	IMDG	Marine pollutant (IMDG): no
	OACI/IATA	
14.4	Packing group	Not applicable
14.5	Environmental hazards	Not applicable
14.6	Special precautions for user	Not applicable

14.7	Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Non applicable/ Non-hazardous transport
15	SECTION 15 :REGULATORY INFORMATION	
	Safety, health and environmental regulations/legislation specific for the substance or mixture	
15.1		
	Reg. 1272/2008/CE	The product does not contain substances that can be classified as carcinogenic. 1 or 2 according to Reg.1272/2008/EC and subsequent updates.
	Reg. 830/2015/CE (REACH)	Not applicable
	Special hazards	To our knowledge, none.
15.2	Chemical safety assessment	Evaluation not carried out
16	SECTION 16 : OTHER INFORMATION	
	Abbreviations and acronyms:	ETA = Acute Toxicity Estimation CLP = Regulation 1272/2008/EC on classification, labelling and packaging of substances and mixtures DNEL = Derived no-effect dose DMEL = Derived no-effect dose EUH = Specific hazard statement CLP CPSE = Predicted no-effect concentration RRN = REACH registration number PTB = Persistent, Toxic and Bioaccumulative tPtB = Very persistent and very bioaccumulative bw = Body mass
16.1	Key literature references and sources for data	Regulation (EC) 1907/2006 of the European Parliament (REACH) Regulation (EC) 1272/2008 of the European Parliament (CLP) Regulation (EC) 790/2009 of the European Parliament (I Atp. CLP) Regulation (EC) 453/2010 of the European Parliament Regulation (EC) 286/2011 of the European Parliament (II Atp. CLP)
16.2		The Merck index. Ed. 10 Handling and chemical safety Niosh - Register of toxic effects of chemical substances INRS - Toxicological Data Sheet Patty - Industrial hygiene and toxicology N.I. Sax - Dangerous properties of Industrial Materials - 7 Ed., 1989 ECHA website EU REACH IUCLID5 CSR. National Institute for Occupational Safety and Health, U.S. Dept. of Health, Education, and Welfare, Reports and Memoranda Registry of Toxic Effects of Chemical Substances. IHS, 4777 Levy Street, St Laurent, Quebec HAR 2P9, Canada.Règlement (CE) n ° 1272/2008 Annexe VI.
16.3	Indication of changes:	Version: 3 Modification: name change (GO.Seaweed becomes Seaweed)

16.4

**Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:
Note**

Non Applicable

Product that can be used in organic farming in accordance with EEC regulation N°834/2007

The indicated mixture does not require an MSDS according to REACH requirements. Form prepared for information purposes.

This safety data sheet complies with the requirements established by Regulation 830/2015/EU. It does not in any way exempt the user from knowing and applying all the documents that govern his activity. The user will take under his responsibility the precautions related to the specific use of the product. All the regulatory requirements mentioned are intended simply to assist the recipient in fulfilling their responsibilities. This list should not be considered exhaustive. This sheet supplements the technical operating instructions but does not replace them. The information contained herein is based on our knowledge of the product on the date indicated. They are given in good faith. In addition, the user's attention is drawn to the possible risks involved when a product is used for purposes other than those for which it was created. The addressee must ensure that he is not responsible for anything else according to texts other than those mentioned.

This safety data sheet has been prepared by Terra Aquatica/GHE on the basis of its current knowledge (manufacturer's active ingredient safety data sheet and other bibliographic data).

The information describes the safety aspects of the product. They are not intended to guarantee specific properties.

It is the responsibility of our customers to comply with the regulations in force.