

## Seaweed

Date : 01/01/2008

Version No. 5

Review date: 03/01/2022

### 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
Address	4 Boulevard du biopole, 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	<b>999</b>
--------------------------------------	------------

Fire and rescue services	<b>999</b>
--------------------------	------------

Police	<b>101</b>
--------	------------

EU Emergency call line	<b>112</b>
------------------------	------------

Toxicological Information Centre ORFILA (INRS)	<b>+33 01 45 41 59 59</b>
--	---------------------------

Toxicological Information Centre South West	<b>+33 05 61 77 74 47</b>
---	---------------------------

### 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

Mixtures classified as dangerous None

Description 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 Wash immediately with plenty of water, keeping the eyelids well apart, and consult a specialist.

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

Following ingestion Never give anything by mouth to an unconscious person; if the person is conscious, rinse the mouth with water and then give plenty of water to drink to dilute the product. Do not induce vomiting, except as directed by medical personnel. Seek medical attention.

Following inhalation Move the victim to fresh air. Keep her warm and at rest. If breathing is difficult: call a doctor.

	Self-protection of the first aider	Depending on the first aid context, wear appropriate protective equipment including a mask or filtered respirator and, if necessary, operate in the presence of another co-worker. Always wear protective gloves and a resuscitation mask in case of artificial respiration. Wash hands thoroughly after giving first aid. If your clothing becomes contaminated with a chemical during first aid procedures, change it.
	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	<b>Most important symptoms and effects, both acute and delayed</b>	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	<b>Indication of any immediate medical attention and special treatment needed</b>	Not applicable

## 5 SECTION 5 : FIREFIGHTING MEASURES

	<b>Extinguishing media</b>	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 <sub>2</sub> ) and water. Inappropriate extinguishing media: None in particular
5.1		
	<b>Special hazards arising from the substance or mixture</b>	Do not inhale explosion and combustion gases. Combustion produces smoke containing carbon monoxide (CO), nitrogen oxides.
5.2		
	<b>Advice for firefighters</b>	<u>Protective actions to be taken when fighting fires</u> Quickly isolate the site by evacuating all persons from the area near the incident in case of fire. Do not take any action involving a personal risk or in the absence of adequate training. Keep containers away from fire if it can be done without risk. Use water or water spray to keep containers exposed to fire cool.
5.3		<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.
	<b>Other information</b>	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

5.4 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 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.

**Reference to other sections**  
 Material that can be used for the collection: absorbent material, earth, sand.  
 Collect the remains in an identified container: see point 13 for disposal.

6.4 Personal protective equipment: see section 8  
 Withdrawal considerations: see section 13.  
 See section 1 for emergency contact information.

**7 SECTION 7 : HANDLING AND STORAGE**

**Precautions for safe handling**  
 Avoid the formation of suspended particles and the dispersion of the product in the air.

7.1 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.  
 Wash empty containers before reuse.

7.2	<b>Conditions for safe storage, including any incompatibilities</b>	<p>Ensure adequate local ventilation or extraction.</p> <p>Store away from light and Store in a cool, dry place.</p> <p>Close containers before and after each use to avoid sources of moisture or heat.</p> <p>Keep containers upright.</p> <p>Store in areas with impermeable pavement.</p>
7.3	<b>Specific end use(s)</b>	<p>No specific end uses.</p> <p>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.</p>

## 8 SECTION 8 : EXHIBITION CONTROLS/INDIVIDUAL PROTECTION

8.1	<b>Control parameters</b>	<p>Not applicable</p> <p>Use good industrial hygiene practices.</p> <p>No occupational exposure limit available.</p>
8.2	<b>Exposure controls</b>	
	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.
	Eye/face protection	Personal protective equipment must be adapted to the risk, kept clean and properly maintained in accordance with the provisions of the Labour Code.
	Skin protection	It is necessary to wear safety glasses that comply with the NF EN166 standard before handling any products.
	Respiratory protection	Hands: Wear suitable protective gloves in case of prolonged or repeated contact with the product.
	Body protection	Use suitable chemical-resistant protective gloves in accordance with NF EN374.
	Environmental exposure controls	Not necessary for normal use
		Wear appropriate protective clothing.
		After contact with the product, all soiled parts of the body should be washed.
		No available data

## 9 SECTION 9 : PHYSICAL AND CHEMICAL PROPERTIES

9.1	<b>Information on basic physical and chemical properties</b>	
	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 <sup>3</sup>
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	<b>Reactivity</b>	Stable under normal storage and handling conditions.
10.2	<b>Chemical stability</b>	Stable under normal storage and handling conditions.
10.3	<b>Possibility of hazardous reactions</b>	Not applicable
10.4	<b>Conditions to avoid</b>	Avoid high temperatures
10.5	<b>Incompatible materials</b>	Not applicable
10.6	<b>Hazardous decomposition products</b>	At high temperatures and in case of fire, decomposition products are formed: carbon monoxide, nitrogen oxide.

## 11 SECTION 11 : TOXICOLOGICAL INFORMATION

11.1	<b>Information on toxicological effects</b>	
	a) acute toxicity; (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	Non applicable
	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 long-term exposure	No known effect
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	<b>Toxicity</b>	Adopt good practices of use so that the product is not released into the environment
12.2	<b>Persistence and degradability</b>	Not applicable
12.3	<b>Bioaccumulative potential</b>	Not applicable
12.4	<b>Mobility in soil</b>	Not applicable
12.5	<b>Results of PBT and vPvB assessment</b>	None
12.6	<b>Other adverse effects</b>	No known adverse effects

## 13 SECTION 13 : DISPOSAL CONSIDERATIONS

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

Date of revision: 03/01/2022

Previous version date: 02/03/2020

Version :4

Modification: Section 1.3, Company name

**16.4 Note**

The indicated mixture does not require an SDS according to the REACH requirements. This sheet is for information purposes only.

This safety data sheet complies with the requirements set out in Reg. 830/2015/EU. It does not 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 simply intended to help the recipient to assume his responsibilities. This list should not be considered exhaustive. This data sheet supplements the technical instructions for use but does not replace them. The information contained herein is based on our knowledge of the product as of the date indicated. It is given in good faith.

Furthermore, the user's attention is drawn to the possible risks incurred when a product is used for purposes other than those for which it was created. The recipient must ensure that he is not liable for anything other than what is stated in the texts other than those mentioned.

This safety data sheet has been compiled by Terra Aquatica on the basis of its current knowledge (safety data sheet of the active ingredients compiled by the manufacturer and other bibliographical data).

The information describes the safety aspects of the product. It is not intended to guarantee specific properties.

It is the responsibility of our customers to observe the applicable regulations.