



## SAFETY DATA SHEET

### Brandemar

#### SECTION 1: Identification of the substance/mixture and of the company/undertaking

##### 1.1. Product identifier

Product name	Brandemar
Chemical name	Ascophyllum nodosum extract
REACH registration number	01-2119575389-21-XXXX
CAS number	84775-78-0
EC number	283-907-6

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

Identified uses	Biostimulant
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##### 1.3. Details of the supplier of the safety data sheet

Supplier	Brandon Bioscience Brandon Bioscience, Centrepoint, Tralee, Co. Kerry, Ireland +353 66 7181160 (9:00-17:00 GMT)
Contact person	Katie Zubeyko

##### 1.4. Emergency telephone number

Emergency telephone	00353 667181160
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#### SECTION 2: Hazards identification

##### 2.1. Classification of the substance or mixture

###### Classification (EC 1272/2008)

Physical hazards	Not Classified
Health hazards	Not Classified
Environmental hazards	Not Classified

Classification (67/548/EEC or 1999/45/EC) Classified as non-hazardous

##### 2.2. Label elements

EC number	283-907-6
Hazard statements	NC Not Classified

##### 2.3. Other hazards

This substance is not classified as PBT or vPvB according to current EU criteria.

#### SECTION 3: Composition/information on ingredients

#### SECTION 4: First aid measures

##### 4.1. Description of first aid measures

## Brandemar

<b>Ingestion</b>	Rinse mouth thoroughly with water. Get medical attention if symptoms are severe or persist.
<b>Skin contact</b>	Rinse with water. Get medical attention if irritation persists after washing.
<b>Eye contact</b>	If liquid has entered the eyes, proceed as follows. Rinse immediately with plenty of water. Get medical attention if any discomfort continues.
<b>Protection of first aiders</b>	No specific requirements are anticipated under normal conditions of use.

### 4.2. Most important symptoms and effects, both acute and delayed

**General information** The product is considered to be a low hazard under normal conditions of use.

### 4.3. Indication of any immediate medical attention and special treatment needed

**Notes for the doctor** Treat symptomatically.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

**Suitable extinguishing media** Use fire-extinguishing media suitable for the surrounding fire. The product is not flammable. The product is non-combustible.

### 5.2. Special hazards arising from the substance or mixture

### 5.3. Advice for firefighters

**Protective actions during firefighting** No specific requirements are anticipated under normal conditions of use.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

**Personal precautions** Wear protective clothing and gloves.

### 6.2. Environmental precautions

**Environmental precautions** The product is water-soluble and may spread in water systems.

### 6.3. Methods and material for containment and cleaning up

**Methods for cleaning up** Collect spillage with a shovel and broom, or similar and reuse, if possible.

### 6.4. Reference to other sections

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

**Usage precautions** Read label before use. Wear protective gloves. Avoid contact with skin and eyes.

### 7.2. Conditions for safe storage, including any incompatibilities

**Storage precautions** Keep containers upright.

### 7.3. Specific end use(s)

**Specific end use(s)** The identified uses for this product are detailed in Section 1.2.

## SECTION 8: Exposure Controls/personal protection

### 8.1. Control parameters

### 8.2. Exposure controls

# Brandemar

## Protective equipment



## SECTION 9: Physical and Chemical Properties

### 9.1. Information on basic physical and chemical properties

Appearance	Dark-coloured liquid.
Colour	Dark brown.
Odour	Marine
pH	pH (concentrated solution): 8.5-10.0
Initial boiling point and range	100°C
Flammability (solid, gas)	No information required.
Relative density	1.140 – 1.150
Solubility(ies)	Soluble in water.

### 9.2. Other information

Other information	No information required.
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## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Reactivity	There are no known reactivity hazards associated with this product.
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### 10.2. Chemical stability

Stability	Stable at normal ambient temperatures.
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### 10.3. Possibility of hazardous reactions

Possibility of hazardous reactions	No potentially hazardous reactions known.
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### 10.4. Conditions to avoid

Conditions to avoid	No specific requirements are anticipated under normal conditions of use.
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### 10.5. Incompatible materials

Materials to avoid	No specific requirements are anticipated under normal conditions of use.
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### 10.6. Hazardous decomposition products

Hazardous decomposition products	No known hazardous decomposition products.
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## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

#### Skin sensitisation

Skin sensitisation	May cause sensitisation or allergic reactions in sensitive individuals.
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Ingestion	May cause stomach pain or vomiting.
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## Brandemar

### SECTION 12: Ecological Information

**Ecotoxicity** The product components are not classified as environmentally hazardous.

#### 12.1. Toxicity

**Toxicity** The product is not believed to present a hazard due to its physical nature.

#### 12.2. Persistence and degradability

**Persistence and degradability** The product is biodegradable.

#### 12.3. Bioaccumulative potential

**Bioaccumulative potential** No information required.

#### 12.4. Mobility in soil

**Mobility** The product is soluble in water.

#### 12.5. Results of PBT and vPvB assessment

**Results of PBT and vPvB assessment** This substance is not classified as PBT or vPvB according to current EU criteria.

#### 12.6. Other adverse effects

**Other adverse effects** The product may contribute to an excessive enrichment of the aquatic environment with nutrients.

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

**Disposal methods** Dispose of contents/container in accordance with local regulations.

### SECTION 14: Transport information

**General** Not regulated.

#### 14.1. UN number

#### 14.2. UN proper shipping name

#### 14.3. Transport hazard class(es)

#### 14.4. Packing group

#### 14.5. Environmental hazards

#### 14.6. Special precautions for user

#### 14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

### SECTION 15: Regulatory information

#### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

**EU legislation** Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).  
Dangerous Substances Directive 67/548/EEC.  
Commission Regulation (EU) No 453/2010 of 20 May 2010.  
Commission Directive 2000/39/EC of 8 June 2000 establishing a first list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work (as amended).

#### 15.2. Chemical safety assessment

## Brandemar

### SECTION 16: Other information

<b>Revision date</b>	31/08/2017
<b>Revision</b>	1
<b>Supersedes date</b>	03/10/2016
<b>SDS number</b>	4731

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