



Safety Data Sheet

01. IDENTIFICATION OF THE SUBSTANCE/PREPARATION & THE COMPANY/UNDERTAKING

1.1 Product Identifier

Product Name	Seaweed Extract				
Biological Definition	Fucus Vesiculosus Extract is an extract of the dried thallus of the Bladderwrack, <i>Fucus vesiculosus L., Fucaceae.</i>				
INCI Name	Aqua and Propylene Glycol and Fucus Vesiculosus Extract.				
Synonyms & Trade Names	-				
CAS-No	n/a	EC No.	n/a	EINECS No.	n/a

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

No additional data available.

1.3 Details of the supplier of the safety data sheet

Golden Bough Botanicals Inc 12-1585 Cliveden Ave Delta BC V3M 6M1

1.4 Emergency Tel. No.

604-540-8700 (Monday-Friday 8:30 am-4:30 pm)

02. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Not classed as a hazardous substance.

Classification (EC 1272/2008)

Not classed as a hazardous substance.

2.2 Label Elements

Label in accordance with (EC) No 1272/2008

None.

Signal Word

None.

Contains

Contains no hazardous substances.

Hazard Statements

None.

Precautionary Statements

None.

Supplementary Precautionary Statements

None.

2.3 Other Hazards

PBT or vPvB according to Annex XIII

No additional data available.

Adverse physio-chemical properties

No additional data available.

Adverse effects on human health

No additional data available.

03. COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixtures

25 – 50% Propylene Glycol	CAS No: 57-55-6	EC No: 200-338-0
Not classed as a hazardous substance.		
10 – 25% Fucus vesiculosus Extract	CAS No: 84696-13-9	EC No: 283-633-7
Not classed as a hazardous substance.		

04. FIRST AID MEASURES

4.1 Description of first aid measures	
Inhalation	Move affected person to fresh air at once. Get medical attention if any discomfort continues.
Ingestion	If necessary, rinse mouth and provide fresh air. Get medical attention if any discomfort continues.
Skin Contact	Wash skin thoroughly with soap and water.
Eye Contact	Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.
4.2 Most important symptoms and effects, both acute and delayed	
No additional data available.	
4.3 Indication of any immediate medical attention and special treatment needed	
No specific recommendations.	

05. FIRE-FIGHTING MEASURES

5.1 Extinguishing Media	
Extinguishing media: Carbon dioxide (CO ₂). Dry Chemical Powder. Foam.	
Unsuitable extinguishing media: Water.	
5.2 Special hazards arising from the product	
Hazardous combustion products; Oxides of carbon.	
5.3 Advice for firefighters	
<i>Protective actions during firefighting</i> Containers close to fire should be removed or cooled with water. <i>Special protective equipment for firefighters</i> Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.	

06. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures	
Wear suitable protective equipment, including gloves, goggles/face shield, respirator, boots, clothing or apron, as appropriate. In case of spills, beware of slippery floors and surfaces.	
6.2 Environmental Precautions	
No negative effects on the aquatic environment are known.	
6.3 Methods and material for containment and cleaning up.	
Contain and absorb spillage with sand, earth or other non-combustible material. Collect and place in suitable waste disposal containers and seal securely. Label the containers containing waste and contaminated materials and remove from the area as soon as possible. Wash thoroughly after dealing with a spillage.	
6.4 Reference to other sections	

None.

07. HANDLING AND STORAGE

7.1 Precautions for safe handling

Usage precautions: Handle all packages and containers carefully to minimise spills.

7.2 Conditions for safe storage, including any incompatibilities

Storage precautions

Store in tightly-closed, original container in a dry, cool and well-ventilated place. Keep away from heat, sparks and open flame. Protect from freezing and direct sunlight.

Storage class Unspecified storage.

7.3 Specific end use(s)

No additional data available.

08. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Occupational exposure limits

PROPYLENE GLYCOL

Long-term exposure limit (8-hour TWA): WEL 10 mg/m³ particulate

Long-term exposure limit (8-hour TWA): WEL 150 ppm 474 mg/m³ total vapour and particulates

WEL = Workplace Exposure Limit

8.2 Exposure controls

Protective Equipment



Process Conditions No special measures required.

Engineering Measures No special measures required.

Respiratory Equipment No specific recommendations. Respiratory protection may be required if excessive airborne contamination occurs.

Hand Protection Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible.

Eye Protection Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. The following protection should be worn: Chemical splash goggles or face shield.

Other Protection Wear appropriate clothing to prevent any possibility of skin contact. Wear apron or protective clothing in case of contact.

Hygiene Measures No specific hygiene procedures recommended but good personal hygiene practices should always be observed when working with chemical products.

Personal Protection Use personal protection according to Directive 89/686/EEC.

Skin Protection No special measures required.

Environmental Exposure Controls Avoid discharging into drainage water.

09. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance Mobile liquid, orange to brown.

Colour Orange to brown.

Odour	Characteristic
Relative Density	Approx. 1.040 @ 20°C
Flash Point (°C)	No additional data available.
Refractive Index	No additional data available.
Melting Point (°C)	No additional data available.
Boiling Point (°C)	No additional data available.
Vapour Pressure	No additional data available.
Solubility in Water @20°C	No additional data available.
Auto-ignition temperature (°C)	No additional data available.
9.2 Other information	
pH approx. 6.0 @20°C	

10. STABILITY AND REACTIVITY

10.1 Reactivity	
Stable at normal ambient temperatures.	
10.2 Chemical stability	
Stable at normal ambient temperatures.	
10.3 Possible hazardous reactions	
Will not polymerise.	
10.4 Conditions to Avoid	
Avoid heat, flames, sunlight and other sources of ignition.	
10.5 Incompatible materials	
Avoid contact with strong oxidising agents, strong acids, strong alkalis.	
10.6 Hazardous Decomposition Products	
Thermal decomposition or combustion products may include the following substances: Oxides of carbon. Oxides of nitrogen.	

11. TOXOLOGICAL INFORMATION

11.1 Information on toxicological effects	
Acute Toxicity	No specific health hazards known.
Skin corrosion / irritation	No specific health hazards known.
Serious eye damage / irritation	Vapour or spray in eyes may cause irritation and smarting.
Respiratory or skin sensitisation	No specific health hazards known.
Germ Cell Mutagenicity	No specific health hazards known.
Carcinogenicity	No specific health hazards known.
Reproductive toxicity	No specific health hazards known.
STOT-single exposure	No specific health hazards known.
STOT-repeated exposure	No specific health hazards known.
Aspiration hazard	No specific health hazards known.
Photo-toxicity	No specific health hazards known.
Other Information	<p><i>Medical symptoms</i> No specific symptoms noted, but this chemical may still have adverse health impact, either in general or on certain individuals.</p> <p><i>Medical considerations</i> May cause allergic contact eczema. Prolonged or repeated exposure may</p>

	cause the following adverse effects: Allergic rash. Get medical attention.
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12. ECOLOGICAL INFORMATION

12.1 Toxicity

No negative effects on the aquatic environment are known.

12.2 Persistence & degradability

The product is expected to be biodegradable.

12.3 Bioaccumulation Potential

The product does not contain any substances expected to be bioaccumulating.

12.4 Mobility in soil

The product is soluble in water.

12.5 Results of PBT and vPvB Assessment

This product does not contain any substances classified as PBT or vPvB.

12.6 Other adverse effects

Do not allow product to enter streams, sewers or other waterways.

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

General information

Waste is suitable for incineration.

Disposal methods

Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

14. TRANSPORT INFORMATION

14.1 UN number

UN No. Road

Not bound by transport regulations.

UN No. SEA

Not bound by transport regulations.

UN No. AIR

Not bound by transport regulations.

14.2 UN proper shipping name

Not bound by transport regulations.

14.3 Transport hazard class(es)

Not bound by transport regulations.

14.4 Packing group

Not bound by transport regulations.

14.5 Environmental hazards

No hazard label necessary – non hazardous product.

14.6 Special precautions for user

See sections 6 – 8.

14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC code

Not defined.

15. REGULATORY INFORMATION

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

An assessment has not been carried out.

15.2 Chemical safety assessment

No additional information available.

16. OTHER INFORMATION

Hazard and/or Precautionary Statements in Full	None
Other Information	None
Revision Date	June 1, 2017
Reason for revision	New SDS
Rev No/Repl, SDS Generated	01

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