



## Material Safety Data Sheet

According to EU Regulation 1907/2006 in the current version

Date 17.07.2015

Version 2.0

### FUCUS (BROWN ALGAE) POWDER

#### 1. Identification of the substance/preparation and the company

Trade name: Fucus (brown algae) powder  
Utilization: Ingredient for cosmetic products  
Supplier company identification: **Elemental SRL**, Piata Cazarmii no.15, 410188-Oradea, jud.Bihor, Romania  
Emergency: Tel/Fax: +40259-436.755, office@elemental.eu  
RO: numar national pentru cazuri de urgenta: 021 3183606 Institutul de Sanatate Publica Bucuresti. International emergency number: +49 180 2273-112

#### 2. Hazards Identification

Classification according to Regulation EU 1272/2008: Not classified as a hazardous substance.  
Labelling according to EU regulation 1272/2008 (GHS-Labeling)  
Signal word: None  
Pictograms: None  
Hazard phrases: None  
Safety phrases: None  
Other hazards: None

Classification according to EU 67/548 EEC or 1999/45/EC: Not classified as a hazardous substance.  
Labelling according to EU regulation 67/548  
Hazard Symbol: None  
Risk phrases: None  
Safety phrases: None

#### 3. Composition / Information on ingredients

INCI-name: Fucus vesiculosus powder  
CAS-number: 84696-13-9  
EINECS-number: 283-633-7

#### 4. First Aid

Generally: No special measures required. A medical examination is not necessary.  
First aid after Inhalation: Usual measure required. Move to fresh air. Seek medical advice if necessary.  
First aid after Skin contact: In general product is not skin-irritating. Wash skin with soap and water.  
First aid after Eye contact: Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention if irritation occurs.  
First aid after Ingestion: No special measures required. In the event of unintentional swallowing, do not force vomiting. Drink water. Seek medical attention if necessary, showing the label.  
Most important symptoms and effects, acute/delayed: No symptoms known.

#### 5. Fire-fighting Measures

Suitable extinguishing media: Foam, CO<sub>2</sub>, dry extinguishing powder.  
Unsuitable extinguishing media: Nothing to report



**Material Safety Data Sheet**  
According to EU Regulation 1907/2006 in the current version

Date 17.07.2015

Version 2.0

**FUCUS (BROWN ALGAE) POWDER**

Protective equipment: Keep away from sources of ignition. Do not smoke. Respiratory and eye protection required for fire crews when exposed to smoke or fumes.

Fire and explosion protection: This product is made up of inflammable material with low risk.

#### 6. Accidental release measures:

Personal precautions: Ensure adequate ventilation. Wear precautionary glasses and mask

Environmental precautions: No special measures required. Collect the powder and put it in drums

Methods for cleaning up: Clean up mechanically. Avoid dust formation. See chapter 13.

#### 7. Handling and Storage

Precautions for safe handling: Apply good manufacturing practice & industrial hygiene practices. Observe good personal hygiene, and do not eat, drink or smoke whilst handling. Avoid dust formation. Manipulate in ventilated rooms. Avoid humidity, warmth, light.

Conditions for safe storage: Store the product a well-ventilated environment, in a cool, dry place.

#### 8. Exposure Controls and Personal Protection

Hand protection: No special measures required. Protective gloves recommended.

Respiratory protection: No special measures required. Do not inhale dust.

Eye protection: Safety glasses recommended.

Physical protection: Use usual individual protective equipment

Occupational exposure limit: No special measures required



#### 9. Physical and Chemical Properties

Appearance: powder

Colour: khaki

Odour: characteristic, strong

Density (not tamped): 400 to 700 g/l

Melting point: not applicable

Initial boiling point & range: not available

Flash point: not determined

Solubility: not available

Auto-ignition temperature: not determined

Flamability: not available

Explosive properties: none

Decomposition temperature: nothing to report

#### 10. Stability and Reactivity

Reactivity: It presents no significant reactivity hazards, by itself or in contact with water.

Chemical stability: The product is stable under normal conditions

Possibility of hazardous reactions: It presents no significant hazardous reaction.

Conditions to avoid: Keep away from open flames. Avoid humidity.

Substances to avoid: Avoid contact with oxidizing agents.



## Material Safety Data Sheet

According to EU Regulation 1907/2006 in the current version

Date 17.07.2015

Version 2.0

### FUCUS (BROWN ALGAE) POWDER

Hazardous decomposition products: Nothing to report

#### 11. Toxicological Information

Not classified as hazardous conform EEC Dangerous Substance Directive and Dangerous Preparation Directives. If the product is used properly it will not cause any injuries to health.

Acute toxicity:	In compliance with generally accepted uses and quantities are no negative impacts to be expected. LD50 oral: not determined LD50 dermal: not determined LC50: not determined Inhalation: There is not expected negative impact. Ingestion: There is not expected negative impact. Skin contact: There is not expected negative impact. Eye contact: There is not expected negative impact.
Skin corrosion/irritation	In compliance with generally accepted uses and quantities are no negative impacts to be expected.
Serious eye damage/irritation	In compliance with generally accepted uses and quantities are no negative impacts to be expected.
Respiratory /skin sensitization	In compliance with generally accepted uses and quantities are no negative impacts to be expected.
Germ cell mutagenicity	There is not expected negative impact.
Carcinogenicity	There is not expected negative impact.
Reproductive toxicity	There is not expected negative impact.
STOT-single exposure	No information available
STOT-repeated exposure	No information available
Aspiration hazard	No information available

#### 12. Ecological Information

- 12.1. Ecotoxicity: no relevant information available
- 12.2. Mobility in soil: not studied
- 12.4. Bioaccumulation potential: nothing to report
- 12.5 Various harmful effects: nothing to report

#### 13. Disposal Considerations

Recommendation: Collect and dispose of waste product in conformity with local disposal regulations.

#### 14. Transport Information

General recommendations:	Not classified as a dangerous good under transport regulations. Protect against humidity.
UN no:	not classified
Road (ADR/RID):	not classified
Air (IATA/ICAO):	not classified



## Material Safety Data Sheet

According to EU Regulation 1907/2006 in the current version

Date 17.07.2015

Version 2.0

### FUCUS (BROWN ALGAE) POWDER

Sea (IMDG): not classified  
Special precautions for user: See section 6-8  
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC: Not defined

#### 15. Additional Regulatory Information

EU Classification: Not subject to classification according to CLP Regulation (EC) No. 1272/2008.  
Not subject to classification according to Directive 67/548/EC or Directive

#### 16. Other Information

##### Disclaimer:

This material safety data sheet does not constitute a guarantee of the properties of the product and is not a contractual legal report. The information is given in good faith on the basis of our best knowledge of the product at the indicated time. However, we cannot accept responsibility or liability for any consequences arising from its use, no warranty for correctness and completeness is given. We caution the users against the incurred possible risks when the product is used at other ends than the use for which it was initially planned. It is the user's responsibility during handling, storage and product use to consult the main regulatory texts in force regarding workers and environment protection.