

1472602

Reviewed on: 24.08.2023
 Printing date: 24.08.2023

SECTION 01: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

- Trade name:
SEAWEED LAMINARIA ABSOLUTE
- Article number:
F0062
- CAS Number:
1207666-16-7
- * • EC Number:
289-980-0
- * • No CAS EINECS:
90046-12-1

1.2 Relevant identified uses of the substance or mixture and uses advised against Application of the substance / the preparation

Flavouring agent
 * Only for industrial use

1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier:
 * BIOLANDES, BP2 TEL: +33(0)5.58.51.00.00
 * 2760 Route de Bélis email: fds@biolandes.com
 40420 LE SEN
 FRANCE

1.4 Emergency telephone number:
 FR-ORFILA (INRS):+33(0)1 45 42 59 59

SECTION 02: Hazards identification

2.1 Classification of the substance or mixture

- * • Classification according to Regulation (EC) No 1272/2008
 Not classified

2.2 Label elements

- * • Labelling according to Regulation (EC) No 1272/2008
- Hazard pictograms
 * Not classified
- Signal word
 * Not classified
- Hazard statements
 * Not classified

2.3 Other hazards

- * • Results of PBT and vPvB assessment
- PBT:
 Not applicable.
- vPvB:
 Not applicable.
- * • Determination of endocrine-disrupting properties
 * Substance is not listed.

SECTION 03: Composition/information on ingredients

3.1 Substances

- | CAS No. | Description |
|------------------------------|--------------------|
| * 1207666-16-7 | Laminaria digitata |
| * • Identification number(s) | |
| * • EC number: | |
| 289-980-0 | |

EU

(continued on page 2)

1472602

Reviewed on: 24.08.2023
Printing date: 24.08.2023

PRODUCT : SEAWEED LAMINARIA ABSOLUTE

(continued of page 1)

SECTION 04: First aid measures

4.1 Description of first aid measures

- General information:
Seek immediate medical advice.
- After inhalation:
Supply fresh air and to be sure call for a doctor.
- After skin contact:
If skin irritation continues, consult a doctor.
- After eye contact:
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
- After swallowing:
Seek immediate medical advice.
- Information for doctor:

4.2 Most important symptoms and effects, both acute and delayed

No further relevant information available.

4.3 Indication of any immediate medical attention and special treatment needed

No further relevant information available.

SECTION 05: Firefighting measures

5.1 Extinguishing media

- Suitable extinguishing agents:
CO₂, sand, extinguishing powder. Do not use water.
Use fire extinguishing methods suitable to surrounding conditions.
- For safety reasons unsuitable extinguishing agents:
Water with full jet

- * 5.2 Special hazards arising from the substance or mixture
- * Formation of toxic gases is possible during heating or in case of fire.

5.3 Advice for firefighters

- Protective equipment:
Do not inhale explosion gases or combustion gases.
- Additional information
Cool endangered receptacles with water spray.

SECTION 06: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

- * Wear protective equipment. Keep unprotected persons away.
- * Ensure adequate ventilation
- * Keep away from ignition sources.

6.2 Environmental precautions:

Do not allow product to reach sewage system or any water course.

- * 6.3 Methods and material for containment and cleaning up:
- * Pick up mechanically.

6.4 Reference to other sections

See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

SECTION 07: Handling and storage

- * 7.1 Precautions for safe handling
- * Keep receptacles tightly sealed.
- * Keep away from heat and direct sunlight.
- * Ensure good ventilation/exhaustion at the workplace.
- * Handle with care. Avoid jolting, friction and impact.
- Information about fire - and explosion protection:

(continued on page 3)

1472602

Reviewed on: 24.08.2023
Printing date: 24.08.2023

PRODUCT : SEAWEED LAMINARIA ABSOLUTE

(continued of page 2)

Keep ignition sources away - Do not smoke.
Protect against electrostatic charges.

7.2 Conditions for safe storage, including any incompatibilities

Storage:

- * • Requirements to be met by storerooms and receptacles:
- * Store only in the original receptacle.
- * Use only receptacles specifically permitted for this substance/ product.
- * • Information about storage in one common storage facility:
- * Not required.
- * • Further information about storage conditions:
- * Keep container tightly sealed.
- * Protect from heat and direct sunlight.
- * Store receptacle in a well ventilated area.

7.3 Specific end use(s)

No further relevant information available.

SECTION 08: Exposure controls/personal protection

8.1 Control parameters

- * • Ingredients with limit values that require monitoring at the workplace:
- Not required.
- * • Additional information:
- The lists valid during the making were used as basis.

8.2 Exposure controls

- * • Individual protection measures, such as personal protective equipment
- * • General protective and hygienic measures:
- The usual precautionary measures are to be adhered to when handling chemicals.
- * Wash hands before breaks and at the end of work.
- * • Respiratory protection:
- Use suitable respiratory protective device in case of insufficient ventilation.
- * Filter P3
- * • Protection of hands:
- Protective gloves
- The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
- Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.
- Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation
- * • Material of gloves
- The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.
- * • Penetration time of glove material
- The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
- * • Eye/face protection
- * Safety glasses
- * • Body protection:
- * Impervious protective clothing
- * Boots

SECTION 09: Physical and chemical properties

9.1 Information on basic physical and chemical properties

General Information

* Physical state	Solid
Colour:	dark green-brown
Odour:	marine
Odour threshold:	Not determined.
* Boiling point or initial boiling point and boiling range	Not determined.
* Flammability	Not determined.

(continued on page 4)

1472602

Reviewed on: 24.08.2023
Printing date: 24.08.2023

PRODUCT : SEAWEED LAMINARIA ABSOLUTE

(continued of page 3)

*	Lower and upper explosion limit	
*	Lower:	Not determined.
*	Upper:	Not determined.
*	Flash point:	> 100,0 °C NFT 60-103 CC
*	Decomposition temperature:	Not determined.
*	pH	Not applicable.
*	Viscosity:	
*	Kinematic viscosity	Not applicable.
*	Dynamic:	Not applicable.
*	Solubility	
*	water:	Not determined.
*	Partition coefficient n-octanol/water (log value)	Not determined.
*	Vapour pressure:	Not applicable.
*	Density and/or relative density	
*	Density:	Not determined.
*	Relative density	not available
*	Vapour density	Not applicable.
*	9.2 Other information	No further relevant information available.
*	Appearance:	
*	Form:	pasty
*	Important information on protection of health and environment, and on safety.	
*	Auto-ignition temperature:	Not determined.
*	Explosive properties:	Not determined.
*	Solvent content:	
*	Solids content:	0,00 %
*	Change in condition	
*	Evaporation rate	Not applicable.
*	Information with regard to physical hazard classes	
*	Explosives	not applicable
*	Flammable gases	not applicable
*	Aerosols	not applicable
*	Oxidising gases	not applicable
*	Gases under pressure	not applicable
*	Flammable liquids	not applicable
*	Flammable solids	not applicable
*	Self-reactive substances and mixtures	not applicable
*	Pyrophoric liquids	not applicable
*	Pyrophoric solids	not applicable
*	Self-heating substances and mixtures	not applicable
*	Substances and mixtures, which emit flammable gases in contact with water	not applicable
*	Oxidising liquids	not applicable
*	Oxidising solids	not applicable
*	Organic peroxides	not applicable
*	Corrosive to metals	not applicable
*	Desensitised explosives	not applicable

EU

(continued on page 5)

1472602

Reviewed on: 24.08.2023
Printing date: 24.08.2023

PRODUCT : SEAWEED LAMINARIA ABSOLUTE

(continued of page 4)

- * **SECTION 10: Stability and reactivity**
- * 10.1 Reactivity
No further relevant information available.
- 10.2 Chemical stability
- 10.3 Possibility of hazardous reactions
No dangerous reactions known.
- 10.4 Conditions to avoid
No further relevant information available.
- 10.5 Incompatible materials:
No further relevant information available.
- 10.6 Hazardous decomposition products:
Not determined.

SECTION 11: Toxicological information

- * 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008
- * • Acute toxicity
- * • LD/LC50 values relevant for classification:
- * Not determined.
- * • Primary irritant effect:
- * • Skin corrosion/irritation
No irritant effect.
- * • Serious eye damage/irritation
No irritating effect.
- * • Respiratory or skin sensitisation
No sensitizing effects known.
- * • Germ cell mutagenicity
Not determined.
- * • Carcinogenicity
Not determined.
- * • Reproductive toxicity
Not determined.
- * • STOT-single exposure
Not determined.
- * • STOT-repeated exposure
Not determined.
- * • Aspiration hazard
Not determined.
- * • Subacute to chronic toxicity:
Not determined.
- * • Additional toxicological information:
The substance is not subject to classification according to the latest version of the EU lists.
- * • 11.2 Information on other hazards
- * • Endocrine disrupting properties
Substance is not listed.

SECTION 12: Ecological information

- 12.1 Toxicity
- Aquatic toxicity:
No further relevant information available.
- * 12.2 Persistence and degradability
- * No further relevant information available.
- Behaviour in environmental systems:
Not determined.
- 12.3 Bioaccumulative potential
No further relevant information available.

(continued on page 6)

1472602

Reviewed on: 24.08.2023
Printing date: 24.08.2023

PRODUCT : SEAWEED LAMINARIA ABSOLUTE

(continued of page 5)

12.4 Mobility in soil
No further relevant information available.

12.5 Results of PBT and vPvB assessment

- PBT:
Not applicable.
- vPvB:
Not applicable.

* 12.6 Endocrine disrupting properties

* The product does not contain substances with endocrine disrupting properties.

12.6 Other adverse effects

No further relevant information available.

- Ecotoxicological effects:
Not determined.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

- Recommendation
Must be specially treated adhering to official regulations.
- Uncleaned packaging:
- Recommendation:
Disposal must be made according to official regulations.

SECTION 14: Transport information

* 14.1 UN number or ID number

* . ADR	Not classified
* . IMDG	Not classified
* . IATA	Not classified

* 14.2 UN proper shipping name

* . ADR	Not classified
* . IMDG	Not classified
* . IATA	Not classified

* 14.3 Transport hazard class(es)

* . ADR	
* . Class	Not classified
* . IMDG	
* . Class	Not classified
* . IATA	
* . Class	Not classified

* 14.4 Packing group

* . ADR	Not classified
* . IMDG	Not classified
* . IATA	Not classified

14.5 Environmental hazards:
Not applicable.

14.6 Special precautions for user
Not applicable.

* 14.7 Maritime transport in bulk according to IMO instruments
Not applicable.

EU

(continued on page 7)

1472602

Reviewed on: 24.08.2023
Printing date: 24.08.2023

PRODUCT : SEAWEED LAMINARIA ABSOLUTE

(continued of page 6)

SECTION 15: Regulatory information

- 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
- * • DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment - Annex II
Substance is not listed.
 - * • REGULATION (EU) 2019/1148
 - * • Annex I - RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3))
Substance is not listed.
 - * • Annex II - REPORTABLE EXPLOSIVES PRECURSORS
Substance is not listed.
 - * • Regulation (EC) No 273/2004 on drug precursors
Substance is not listed.
 - * • Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors
Substance is not listed.
 - * • National regulations:
 - * • Waterhazard class:
Substance is not listed.
 - * • Generally not hazardous for water.

15.2 Chemical safety assessment:
A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

- * The information in this safety data sheet is based on the state of our knowledge at the date indicated. The information in this sheet must be regarded as a description of the safety requirements for the product, they are not to be considered a warranty or quality specification and have no contractual value on properties and application areas thereof. The information contained in this safety data sheet relate to the specific material designated and may not be valid with respect to the product associated with another product or process, unless it is specified in the text of this document.
- * The required information complies with EU regulations in force. It does not exempt the user from knowing and applying all the national regulations in force.
- Training hints
Minimum training in occupational risk prevention is recommended for personnel who will handle this product, in the purpose of facilitating the understanding and interpretation of this form of safety data in the same way as the labeling of the product.
- Abbreviations and acronyms:
IFRA: International Fragrance Association IOFI: International Organization of the Flavor Industry
ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)
IMDG: International Maritime Code for Dangerous Goods
DOT: US Department of Transportation
IATA: International Air Transport Association
ICAO: International Civil Aviation Organisation
GHS: Globally Harmonised System of Classification and Labelling of Chemicals
EINECS: European Inventory of Existing Commercial Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
PBT: Persistent, Bioaccumulative and Toxic
vPvB: very Persistent and very Bioaccumulative
- Sources
IFRA/IOFI Labelling Manual, REACH registration dossier, supplier information
- * Data compared to the previous version altered.