



SAFETY DATA SHEET

Regulation (EU) n° 2015/830 amending Regulation (EC) n° 1907/2006 (REACH)

Trade name: **SEA HEATHER®**

Product: N° W-CYSP-00
Specification: N° S.SB

Version: 1.0 - 2020
Print date: 08 - 2020

1. IDENTIFICATION OF THE MIXTURE AND OF THE COMPANY

1.1 • Product identifier - Trade name: **SEA HEATHER®**

REACH registration:

- ♦ *Cystoseira amentacea/caespitosa/brachycarpa* extract: Alga extract: REACH exempted – Raw material from natural origin and not chemically transformed (cf. Regulation (CE) 1907/2006-Consolidated 2019 - Annexe V).
- ♦ Preservative: Microcare SB. Supplier THOR
 - Sodium benzoate - Registration n°01-2119460683-35-xxxx
 - Potassium sorbate - Registration n°01-2119950315-41-xxxx

1.2 • Relevant uses of the mixture: Raw material for cosmetic/dermatological preparations (sector SU3).

1.3 • Details of the manufacturer:

GELYMA S.A.S.
Parc d’Affaires Marseille Sud C4
1 Boulevard de l’Océan - Impasse Paradou
13009 Marseille - France.
Phone: + 33 4 96 14 09 82
E-mail: gelyma @ wanadoo.fr - Web: www.gelyma.com

1.4 • Emergency phone number: 33 4 91 75 25 25.

Poison control center - 249 Bd Ste Marguerite - 13009 Marseille. Available during office hours.

2. HAZARD IDENTIFICATION

2.1 • Classification of the mixture:

No hazardous preparation according to 1272/2008 EC regulation.

2.1.1. Regulations (EC) N° 1272/2008 (CLP): preparation not classified (CLP)

2.1.2. Directive 67/548EEC or 1999/45/EC: no hazards characteristics.

2.1.3. Additional information:

2.2 • Label elements: no labelling applicable.

2.3 • Other hazards: not dangerous.

3. COMPOSITION / INFORMATION ON INGREDIENTS

General description: SEA HEATHER® is a patented aqueous and concentrated fraction prepared selectively from the axes of the brown algae belonging to the genus *Cystoseira*.

Patent GELYMA: FR 28 38 341.



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| Product | N° CAS | N°EINECS | EC N°1272/2008 (CLP) | 67/548 EEC 1999/45/EC | Ingredient % |
|---|------------------------------|--------------------|--|--|-------------------|
| Water | 7732-18-5 | 231-791-2 | - | - | 51.55 |
| <i>Cystoseira amentacea/caespitosa/ brachycarpa</i> extract | - | - | - | - | 48 |
| Preservative Sodium benzoate ----- | 532-32-1 ----- - | 208-534-8 ----- | - ----- | - ----- | 0.3 ----- - |
| Potassium sorbate | 24634-61- 5 / 590- 001 | 246-376-1 / - |  GHS07 Skin Irrit. 2 H315 Causes skin irritation. Eye Irrit. 2 H319 Causes serious eye irritation. |  Xi: Irritant R36/38 (10%-25%) : Irritating to eyes and skin. | 0.15 |

Category product process: PROC 5.

4. FIRST AID MEASURES

4.1 • General information: no special measures required.

4.2 • In case of inhalation:

Evacuate the patient from the contaminated area and put them to rest in a well-ventilated area.
When symptoms persist or in all cases of doubt, seek medical advice.

4.3 • In case of skin contact:

Generally, the product does not irritate the skin.
When symptoms appear or in all cases of doubt, seek medical advice.

4.4 • In case of eye contact:

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.
Remove contact lenses.
Obtain medical attention if irritation occurs.

4.5 • In case of ingestion: Do not induce vomiting. Obtain medical attention if undesired effects.

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4.6 • Information for the doctor: Show the doctor this Material Safety Data Sheet.

For most important symptoms and effects, both acute and delayed: No further relevant information available.

4.7 • Indication of any immediate medical attention and special treatment needed:

No further relevant information available.

Generally, in case of doubt, seek medical advice.

Never give anything by mouth to an unconscious person.

5. FIRE FIGHTING MEASURES

5.1 • Suitable extinguishing media: Water Spray, Alcohol-Resistant Foam, Dry Chemical, CO₂

5.2 • Extinguishing media which must not be used for safety reasons: not applicable

5.3 • Special exposure hazards arising from the substance itself, combustion products, exhaust gases:

5.4 • Advice for firefighters: Do not inhale combustion gases.

As in any fire, wear self-contained breathing apparatus for firefighting, approved by NSHA/NIOSH (or equivalent) and full protective clothing.

5.5 • Additional information: Keep away from and avoid contact with flames and sparks.

6. ACCIDENTAL RELEASE MEASURES

6.1 • Personal precautions:

Use appropriate personal protective equipment, as mentioned in Section 8.

Use a personal protective equipment if exposed to vapours, dust, aerosol.

6.2 • Environmental precautions:

Do not release into sewers, waterways or groundwater.

Inform respective authorities in case product reaches water or sewage system.

Material thrown out in the environment: category ERC2

6.3 • Methods for containment and cleaning up:

Pump or absorb with the help of an inert adsorbent (sand, shavings), rinse with water.

6.4 • Reference for other sections:

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for recycling and disposal information.



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7. HANDLING AND STORAGE

7.1 • Precautions for safe handling:

Advices for safe handling:

Avoid contact with skin, eyes and clothing.
Wash hands before breaks and immediately after handling the product.
Use handling precautions for chemical products.
Avoid the formation of dust and aerosols.
Provide sufficient air exchange and/or exhaust in work rooms.

Precautions against fire and explosion:

Keep away from sources of ignition or strong oxidizing agents and do no smoke.
In case of fire, emergency use an extinguisher.
Ground and bond containers when transferring material.

Further information: See Section 8: Exposure controls / Personal protection.

7.2 • Conditions for safe storage:

Technical measures and storage conditions:

Keep containers tightly closed in a cool (between 15 and 25 °C), dry and well-ventilated place. Handle and open container with care.

Packaging materials:

Store product only in closed original packaging. Do not puncture, drag or slide container.

Requirements for storage rooms and vessels:

Storage condition: between 15°C and 25°C.
Other suitable packaging materials: Plastic (food grade) coated container, glass.

7.3 • Specific uses: No further relevant information available.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 • Exposure control parameters: Not determined

8.2 • Appropriate engineering controls:

Additional information about design of technical facilities: no further data; see item 7.

Personal protection equipment:

General industrial hygiene practice

The usual precautionary measures are to be adhered to when handling chemicals.
Avoid contact with skin, eyes and clothing. Do not breathe vapours or spray mist. Ensure that eyewash stations and safety showers are close to the workstation location.

Hygiene measures: When using, do not eat, drink or smoke. Take off all contaminated clothing immediately. Wash hands before breaks and immediately after handling the product.



Respiratory protection: Required when dusts are generated. Respirator with filter for organic vapour. Use the indicated respiratory protection if the occupational exposure limit is exceeded and/or in case of product release (dust). Equipment should conform to NIOSH, EN or other applicable national standards.



Hand protection: Wear protective gloves. Recommendations are listed below. Other protective material may be used, depending on the situation, if adequate degradation and permeation data is available. If other chemicals are used in conjunction with this chemical, material selection should be based on protection for all chemicals present.

Suitable material of gloves: nitrile. Thickness: > 0.1 mm. Selected gloves shall meet the specifications mentioned in the EU directive 89/689/CEE and in the standard EN 374 which derives from the directive.

The glove material has to be impermeable and resistant to the product / the substance / the preparation.

The exact breakthrough time has to be found out by the manufacturer of the protective gloves and has to be observed.



Eye protection: Use protective eye glasses. Tightly fitting safety goggles. In addition to goggles, wear a face shield if there is a reasonable chance for splash to the face.

Body protection: In case of transfer of large quantities.
Select the personal protection adapted to the working station.

General comments: Never eat, drink or smoke in work areas. Practice good personal hygiene after using this material.

Environmental exposure controls: No data available.

Consumer exposure control: No data available.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 • Appearance:

| | |
|----------------|---------------------|
| Physical state | limpid liquid. |
| Colour | brown. |
| Odour | <i>sui generis.</i> |



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9.2 • Important health, safety and environmental information:

| | |
|---|-----------------|
| pH (20°C) | 5.5 ± 1.0. |
| Melting point/range | not determined. |
| Boiling point/range | not determined. |
| Flash point | >200°C. |
| Inflammability | not determined. |
| Ignition temperature | not applicable. |
| Decomposition temperature | not determined. |
| Dust protection hazard | not applicable. |
| Explosion limits | not determined. |
| Vapour pressure | not determined. |
| Density | 1.015 ± 0.010. |
| Water solubility | soluble. |
| Evaporation rate | not applicable. |
| (n-octanol/water) partition coefficient | not determined. |
| Viscosity | not determined. |

9.3 • Other information: No further relevant information available.

10. STABILITY AND REACTIVITY

10.1 • Reactivity: Product stable in closed container and under normal storage and handling conditions.

10.2 • Chemical stability: Stable if used according to specifications.

10.3 • Possibility of hazardous reactions: No further relevant information available

10.4 • Conditions to avoid: Avoid the contact with heat sources (sparks, flames), static discharges and strong oxidizing agents.

10.5 • Incompatible materials: No further relevant information available.

10.6 • Hazardous decomposition products:

Comments: Product stable in closed containers under normal storage and handling conditions.

11. TOXICOLOGICAL INFORMATION

Non-toxic product: cosmetic use.

11.1 • Information on toxicological effects: No important additional data available.

11.2 • Toxicity tests: *in vitro* testing (without preservative). No animal experimentation.



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Acute toxicity:

Irritation:

- | | | |
|----------------|---------------------------|------------------|
| ♦ On the skin: | slightly irritant at 100% | Human Patch test |
| ♦ On the eye: | non irritant at 100% | Het Cam test |

Ingestion of the preparation:

Sensitization of the preparation: No sensitizing effects known.

Other information (about experimental toxicology):

11.3 • Additional toxicological information:

When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us.

The substance is not subject to classification according to EU lists and other sources of literature known to us.

12. ECOLOGICAL INFORMATION

12.1 Toxicity

Aquatic toxicity:

- ♦ Alga extract: not known to be hazardous to water

Long term toxicity:

- ♦ Alga extract: not known to be hazardous to water

12.2 • Persistence and degradability:

Abiotic degradation of the preparation: No further relevant information available.

Physical and photo-chemical elimination: No further relevant information available.

Biodegradation of the preparation:

- ♦ Alga extract: easily biodegradable

12.3 • Bioaccumulative potential: No further relevant information available.

12.4 • Mobility in soil: No further relevant information available.

12.5 • Results of PBT and vPvB assessment of the preparation:

- | | | |
|----------------|---------------------|----------------------|
| ♦ Alga extract | PBT: not applicable | vPvB: not applicable |
|----------------|---------------------|----------------------|



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12.6 • Other adverse effects: No further relevant information available.

12.7 • Further ecological information:

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

13. DISPOSAL CONSIDERATIONS

13.1 • Appropriate disposal /product:

Reutilise if possible or contact a waste processor for recycling or safe disposal.

Smaller quantities can be disposed of with household waste and in accordance with local regulations.

13.2 • Waste codes / waste designations:

The European Union does not establish uniform rules for the disposal of chemical waste, which are special waste. Their treatment and disposal is subject to local regulation of each country. So, in each case, you should contact the relevant authorities, or those companies legally authorized for elimination of waste.

2001/573/EC: Council Decision of 23 July 2001 amending the list of wastes contained in Decision 2000/532/EC.

Council Directive 91/156/EEC of 18 March 1991 amending Directive 75/442/EEC on waste.

13.3 • Appropriate packaging:

Uncleaned packaging:

The containers and packing materials contaminated with dangerous substances or preparations have the same treatment products.

Directive 94/62/EC of the European Parliament and the Council of 20 December 1994 on packaging and packaging waste.

13.4 • Additional information:

Recommendation:

Disposal must be made according to official regulations.

Packaging that may not be cleansed are to be disposed of in the same manner as the product.

Wash with water to be treated before disposal.

Recommended cleansing agents:

Water, if necessary together with cleansing agents. Contact your supplier or a licensed contractor for detailed recommendations.

Follow applicable state and local regulations.

14. TRANSPORT INFORMATION

Not dangerous product.



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14.1 • Land transport (ADR/RID/GGVSE): Not restricted, non-hazardous product.

14.2 • Sea transport (IMDG-Code/GGVSee): Not restricted, non-hazardous product.

14.3 • Air transport (ICAO-IATA/DGR): Not restricted, non-hazardous product.

14.4 • Packing group

14.5 • Environmental hazards: No
Marine pollutant: No.

14.6 • Special precautions for user: Not applicable.

14.7 • Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code: Not applicable.

15. REGULATORY INFORMATION

15.1 • EU regulations:

Chemical Safety Assessment:

Labelling (Regulation (EC) n° 1272/2008) - (67/548/EEC or 1999/45/EC).

The material is not subject to classification to EC lists and other sources known to us.

Authorisations and/or restrictions on use:

Other EU regulations:

Customs tariff: n° 13 02 19 70.

15.2 • National regulations:

16. OTHER INFORMATION

16.1 • Relevant R- and H-phrases: No labelling applicable.

16.2 • Training instructions: None

16.3 • Uses and exposure categories (overview): no dangerous product for humans and environment.

16.4 • Further information:

The statements made here are supposed to describe the product with regard to necessary safety precaution.

This document supplements the technical data sheet but does not replace it.



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The information contained herein is accurate to the best of our knowledge, on the revision date. We do not suggest or guarantee that any hazards listed herein are the only ones which exist. GELYMA makes no warranty of any kind, express or implied, concerning the safe use of this material in your process or in combination with other substances. User has the sole responsibility to determine the suitability of the materials for any use and the manner of use contemplated. User must meet all applicable safety and health standards.

The absence of data elements required by ANSI or 2001/58/EC indicates that no data meeting these requirements is available.

The annex is not required because the substance is not hazardous under REACH.

16.5 • Data sources:

Regulation (EC) N° 453/2010 on 20 may 2010

Regulation (EC) N° 1272/2008 of the European Parliament and of the Council of 16 December 2008, CLP, in the latest valid version.

Regulation (EC) N° 1907/2006 of the European Parliament and of the Council of 18 December 2006, REACH.

Regulation (EC) N° 1907/2006 of the European Parliament and of the Council of 18 December 2006, REACH. Consolidated 2019-01-07.
