



CARBONWAVE

# SAFETY DATA SHEET

This safety data sheet complies with the requirements of  
Regulation (EC) No. 1907/2006 and Regulation (EC) No. 1272/2008

**Issue Date** 10-Jan-2022

**Revision Date** 23-Feb-2023

**Version** 3

## Section 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

### **1.1. Product identifier**

*Product Code:* SB2000

*Product Name:* SeaBalance2000

*Ingredients:* Sargassum Fluitans/Natans Extract, Xanthan Gum, Pentylene Glycol

### **1.2. Recommended uses**

Recommended use for a wide range of cosmetics

### **1.3. Details of the supplier of the safety data sheet**

*Supplier*

Carbonwave

185 Devonshire St, Suite 701,

MA 02110, United States

Email: [info@seabalance.com](mailto:info@seabalance.com)

Non-emergency Telephone Number: +1 (401) 533 7761

### **1.4. Emergency telephone number**

*Chemtrec:* 1-800-424-9300 + 1(703) 741-5970 (outside US and Canada)

*Europe:* 112

### **1.5. General telephone number**

*Americas:* +1 (401) 533-7761



## Section 2: HAZARDS IDENTIFICATION

### 2.1. Classification of substance or mixture

Regulation (EC) No 1272/2008

This mixture is classified as not hazardous according to regulation (EC) 1272/2008 [CLP]

### 2.2. Label elements

*Product identifier:* This mixture is classified as not hazardous according to regulation (EC) 1272/2008 [CLP]

### 2.3. Other hazards

No information available

## Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.2 Mixtures

Chemical Name	EC No	CAS No	Weight-%
Sargabase	-	2827751-54-0	85-90%
Xanthan Gum	-	11138-66-2	5-10%
Pentylene Glycol	-	5343-92-0	5%

For full text of H- and EUH-phrases: see section 16



## Section 4: FIRST AID MEASURES

### **4.1. First aid measures**

- *Inhalation:* Remove to fresh air.
- *Skin contact:* Non-irritating to the skin.
- *Eye contact:* Rinse eyes.
- *Ingestion:* None under normal use conditions.

### **4.2. Symptoms**

*Symptoms:* No information available. No known symptoms from exposure – either acute or delayed.

## Section 5: FIRE FIGHTING MEASURES

### **5.1. Suitable extinguishing media**

Dry chemical, CO2 or water spray.

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

No fire hazard.

### **5.3. Advice for firefighters**

Use personal protective equipment as required.

## Section 6: ACCIDENTAL RELEASE MEASURES

### **6.1. Environmental precautions**

Contain the spill (wearing proper PPE) by absorbing spilled liquid with absorbent material; scoop or sweep up material and place in container. Decontaminate area by washing with soapy water solution and absorbing the water with absorbent material. Check local, state and federal regulations for proper disposal.

### **6.2. Methods and material for containment and cleaning up**

*Methods for containment:* Prevent further leakage or spillage if safe to do so.

*Methods for cleaning up:* Pick up and transfer to properly labeled containers.



## Section 7: HANDLING AND STORAGE

### **7.1. Safe handling**

*Advice on safe handling:* Use personal protective equipment as required. Avoid contact with eyes. Handle in accordance with good industrial hygiene and safety practices.

*General hygiene considerations:* Handle in accordance with good industrial hygiene and safety practices.

### **7.2. Conditions for safe storage**

Keep unopened into original containers at a temperature between 5°C and 25°C. Keep opened containers tightly closed and store in dry, cool and well-ventilated areas, and avoid direct sunlight.

## Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### **8.1. Exposure limits**

This product, as supplied, does not contain any hazardous materials.

### **8.2. Exposure controls**

*Engineering controls:* Ensure adequate ventilation.

*Environmental exposure controls:* No controls known to be required.

### **8.3. Personal protective equipment**

*Eye/face protection:* Wear safety glasses.

*Hand protection:* Gloves made of plastic or rubber.

*Skin and body protection:* Suitable protective clothing.

## Section 9: PHYSICAL AND CHEMICAL PROPERTIES

### **9.1. Physical presentation**

- *Physical state:* Highly viscous liquid
- *Odor:* Slight odor, which dissipates upon formulation
- *Color:* Chocolate brown, which disappears when mixed, blending in with the rest of the emulsion

### **9.2. Physical and chemical properties**



<b>Property</b>	<b>Value</b>	<b>Notes</b>
pH	9-10	
Viscosity		No data available
Melting point / freezing point		No data available
Boiling point		No data available
Flash point		No data available
Evaporation rate		No data available
Flammability limit in air		No data available
Vapor pressure		No data available
Vapor density		No data available
Relative density		No data available
Water soluble	Yes	Dispersible in water
Solubilities	Cold	
Partition coefficient		No data available
VOC %		No data available
Volatility		No data available
Bulk density		No data available

## Section 10: STABILITY AND REACTIVITY

### **10.1. Reactivity**

Not applicable, non-reactive.

### **10.2. Chemical stability**

*Normal conditions:* Stable under normal conditions.

*Explosion:* No sensitivity to explosion through mechanical impacts or static discharge.

### **10.3. Possibility of hazardous reactions**

*Hazardous polymerization:* None under normal processing.

*Possibility of Hazardous Reactions:* None under normal processing.

### **10.4. Conditions to avoid**

None known.

### **10.5. Incompatible materials**

None known.

### **10.6. Hazardous decomposition products**

None under normal use conditions.

**Section 11: TOXICOLOGICAL INFORMATION****Skin irritation**

Based on available data, the classification criteria are not met

Method	Species	Exposure Route	Effective dose	Exposure time	Results
OECD 439 SeaBalance 2000					Not irritant (GHS Category)

**Eye irritation**

Based on available data, the classification criteria are not met

Method	Species	Exposure Route	Effective dose	Exposure time	Results
OECD 439 SeaBalance 2000					Not irritant (GHS Category)

**Skin sensitization**

Based on available data, the classification criteria are not met

Method	Species	Exposure Route	Effective dose	Exposure time	Results
Human Repeat Insult Test SeaBalance 2000 diluted at 10% (w/w) in water + 0.5% Pentylene Glycol. (pH = 9.1)					Not irritant (Score = 0) and not sensitizer



## Section 12: ECOLOGICAL INFORMATION

	<b>Sargassum Fluitans/Natans Extract</b>	<b>Xanthan Gum</b>	<b>Pentylene Glycol</b>
Aquatic Toxicity	None known, derived directly from seaweed	No adverse effect has been observed in acute toxicity tests.  Rainbow Trout ( <i>Oncorhynchus mykiss</i> ): 420 mg/l for exposure of 96 h	EC50: 48 Hr: Crustacea: <i>Daphnia magna</i> : (mg/L): > 500  LC50: 96 Hr: Fish: (mg/L): > 1000
Biodegradability	No data, but derived directly from seaweed	Readily biodegradable 78% Exposure time: 28 d Method: OECD Test Guideline 301F	Not readily biodegradable 88% Exposure time: 28 d Method: OECD Test Guideline 301D
Biochemical Oxygen Demand	None known	200mg/g	Not tested
Bioaccumulation	None known	The product is miscible in water and readily biodegradable in both water and soil. Accumulation is not expected.	Bioaccumulation is unlikely. Low; Log Pow: 0.06 (25°C)
Mobility in Soil	None known	No data available	Miscible in water. Water solubility: 1000 g/L
Results of PBT & vPvB Assessment	Not applicable	This substance is not considered to be persistent, bioaccumulating and toxic (PBT).	Not applicable
Other Adverse Effects	None known	This product has no known ecotoxicological effects.	Water hazard class 1 (Assessment by list): slightly hazardous for water Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

## Section 13: DISPOSAL CONSIDERATIONS

### 13.1. Waste treatment method

Disposal should be in accordance with applicable regional, national and local laws and regulations.

**Section 14: TRANSPORT INFORMATION****IMDG**

14.1 UN/ID No.	Not regulated
14.2 Proper shipping name	Not regulated
14.3 Hazard Class	Not regulated
14.4 Packing Group	Not regulated
14.5 Marine pollutant	Not applicable
14.6 Special Provisions	None
14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	No information available

**RID**

14.1 UN/ID No.	Not regulated
14.2 Proper shipping name	Not regulated
14.3 Hazard Class	Not regulated
14.4 Packing Group	Not regulated
14.5 Environmental hazard	Not applicable
14.6 Special Provisions	None

**ADR**

14.1 UN/ID No.	Not regulated
14.2 Proper shipping name	Not regulated
14.3 Hazard Class	Not regulated
14.4 Packing Group	Not regulated
14.5 Environmental hazard	Not applicable
14.6 Special Provisions	None

**IATA**

14.1 UN/ID No.	Not regulated
14.2 Proper shipping name	Not regulated
14.3 Hazard Class	Not regulated
14.4 Packing Group	Not regulated
14.5 Environmental hazard	Not applicable
14.6 Special Provisions	None





## Section 15: REGULATORY INFORMATION

### 15.1. Safety, health and environmental regulations/legislation

European Union: Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work

Authorizations and/or restrictions on use: This product does not contain substances subject to authorization (Regulation (EC) No. 1907/2006 (REACH), Annex XIV) This product does not contain substances subject to restriction (Regulation (EC) No. 1907/2006 (REACH), Annex XVII)

*Persistent organic pollutants:* Not applicable

*Ozone-depleting substances (ODS) regulation (EC) 1005/2009:* Not applicable

### 15.2. Chemical safety assessment

No information available

## Section 16: OTHER INFORMATION

### **This material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006**

The information given in this Safety Data Sheet is correct to the best of our knowledge. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

**END OF SAFETY DATA SHEET**