

ALGAKTIV[®] essential bioactive ingredients derived from microalgae

ALGAKTIV[®] Zen

Safety Data Sheet

According to Regulation (EC) No. 1907/2006 (REACH)

Version: 5.1

Revision Date: 21/07/2017

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1_Product identifier

Product form: Mixture
Product name: ALGAKTIV[®] Zen
Type of product: Cosmetics

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

1.2.1_Relevant identified uses

Industrial/Professional use spec: Industrial; for professional use only
Use of the substance/mixture: Cosmetic

1.2.2_Uses advised against

No additional information available

1.3_Details of the supplier of the data sheet

GREENALTECH S.L
C/ Baldiri i Reixac 4
08028 Barcelona (Spain)
Tel: (+34) 934 472 734
www.greenaltech.com

1.4_Emergency telephone number

Tel: (+34) 931 600 496

SECTION 2: Hazards identification

2.1_Classification of the substance or mixture

Not a hazardous substance or mixture

In compliance with EC regulation No. 1271/2008 [CLP]

Not classified

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)

Not classified

Adverse physicochemical, human health and environmental effects

No additional information available

2.2_ GHS Label elements, including precautionary statements

Not a hazardous substance or mixture

2.3_ Hazards not otherwise classified (HNOC) or not covered by GHS

None

SECTION 3: Composition/information on ingredients

3.1_Substance

Not applicable

3.2_Mixture

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008
Plankton Extract	(CAS No) 91079-57-1 (EC) 293-445-7		Not classified
Helianthus Annuus (Sunflower) Seed Oil	(CAS No) 8001-21-6 (EC) 232-273-9		Not classified
Tocopherol	(CAS No) 59-02-9; 54-28-4; 119-13-1; 1406-66-2 (EC) 200-412-2; 200-201-5; 204-299-0		Not classified

SECTION 4: First aid measurements

4.1_Description of first aid measures

First-aid measures general:	Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
First-aid measures after inhalation:	Allow breathing of fresh air. Seek medical attention if breathing is labored.
First-aid measures after skin contact:	Wash thoroughly with soap and water. Seek medical attention if irritation develops.
First-aid measures after eye contact:	Rinse immediately with water for 10-15 min. Keep eyes wide open. Remove contact lenses if present; after 5 minutes, continue rinsing eyes.
First-aid measures after ingestion:	Induce vomiting if large amounts are ingested and seek medical attention.

4.2_Most important symptoms and effects, both acute and delayed

Symptoms/injuries:	Not expected to present a significant hazard under anticipated conditions of normal use.
Symptoms/injuries after skin contact:	Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.
Symptoms/injuries after eye contact:	Rinse immediately with plenty of water. Obtain

Symptoms/injuries after ingestion: medical attention if pain, blinking or redness persist.
Induce vomiting if large amounts are ingested. Seek medical attention if ill effect develops.

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media: Powder. Foam. Carbon dioxide. Water spray. Dry powder. Sand.

Unsuitable extinguishing media: None known.

5.2 Special hazards arising from the substance of mixture

Hazardous decomposition products: Under fire conditions, hazardous and irritating

In case of fire: Fumes may be present.

5.3 Advice for firefighters

Firefighting instructions: Use water spray or fog for cooling exposed containers. Prevent fire-fighting water from entering environment. Exercise caution when fighting any chemical fire.

Protection during firefighting: Do not enter fire area without proper protective equipment, including respiratory protection. Exercise caution when fighting any chemical fire.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

6.1.1 For non-emergency personnel

Emergency procedures: Evacuate unnecessary personnel. Use suitable protective equipment. Avoid contact with skin and eyes.

6.1.2 For emergency responders

Protective equipment: Equip cleanup crew with proper protection.

Emergency procedures: Ventilate area.

6.2 Environmental precautions

Prevent entry to sewers and public waters.

6.3 Methods and material for containment and cleaning up

Methods for cleaning up: Pick up spilled material and containerize for recovery or disposal. Flush area with water to remove residues.

6.4 Reference to other sections

See Section 8 for exposure controls and personal protection.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Precautions for safe handling: Wash hands and other exposed areas with mild soap and water before eat, drink or smoke and when leaving work. Avoid contact with skin and eyes.

Hygiene measures: Emergency eye wash fountains should be available in the immediate vicinity of any potential exposure.

7.2_Conditions for safe storage, including any incompatibilities

Storage conditions: Keep only in the original container. Do not freeze. Keep away from light. Keep the container closed when not in use.

Incompatible materials: Incompatible products: Strong bases. Strong acids. Heat sources. Strong bases. Strong acids.

Storage temperature: Store below 25°C.

7.3_Specific end use(s)

See Heading 1.2.

SECTION 8: Exposure controls/personal protection

8.1_Control parameters

NA

8.2_Exposure controls

Appropriate engineering controls: Emergency eye wash fountains should be available in the immediate vicinity of any potential exposure.

Avoid all unnecessary exposure

Personal protective equipment: Avoid all unnecessary exposure.

Hand protection: Wear protective gloves.

Eye protection: Use splash goggles when eye contact due to splashing is possible. Chemical goggles or safety glasses

Respiratory protection: Where excessive vapour may result, wear approved mask. Wear appropriate mask

Other information: When using, do not eat, drink or smoke. Do not eat, drink or smoke during use.

SECTION 9: Physical and chemical properties

9.1_Information on basic physical and chemical properties

Physical state: Liquid
Colour: Translucent Brown
Odor: Bland Characteristic
Odor threshold: No data available
pH: No data available
Relative evaporation rate: No data available
Melting point: No data available
Freezing point: No data available
Boiling point: No data available
Flash point: > 200°C.
Auto-ignition temperature: No data available
Decomposition temperature: No data available
Flammability (solid, gas): No data available
Vapour pressure: No data available

Relative vapour density at 20°C:	No data available
Relative density:	No data available
Solubility:	No soluble in water
Log Pow:	No data available
Viscosity, kinematic:	No data available
Viscosity, dynamic:	No data available
Explosive properties:	No data available
Oxidising properties:	No data available
Explosive limits:	No data available

9.2_Other information

No additional information available

SECTION 10: Stability and reactivity

10.1_Reactivity

Not established.

10.2_Chemical stability

Stable.

10.3_Possibility of hazardous reactions

Not established.

10.4_Conditions to avoid

Exposure to light and high temperatures.

10.5_Incompatible materials

Strong oxidizing agents.

Strong acids or bases.

10.6_Hazardous decomposition products

Not known significant effects or critical hazards

SECTION 11: Toxicological information

11.1_Information on toxicological effects

Acute toxicity:	Not classified
Skin corrosion/irritation:	Low irritation
Serious eye damage/irritation:	Low irritation
pH:	Not classified
Germ cell mutagenicity:	Not classified
Carcinogenicity:	Not classified
Reproductive toxicity:	Not classified
Specific target organ toxicity : (single exposure)	Not classified
Specific target organ toxicity: (repeated exposure)	Not classified
Aspiration hazard:	Not classified
Potential adverse human health: effects and symptoms	Not classified

SECTION 12: Ecological information

12.1_Toxicity

ALGAKTIV® Zen	
Toxicity	Any evidence of toxicity.

12.2_Persistence and degradability

ALGAKTIV® Zen	
Persistence and degradability	Biodegradable.

12.3_Bioaccumulative potential

ALGAKTIV® Zen	
Bioaccumulative potential	Not established.

12.4_Mobility in soil

ALGAKTIV® Zen	
Mobility in soil	Not established.

12.5_Results of PBT and vPvB assessment

No additional information available.

12.6_Other adverse effects

Additional information: Avoid release to the environment.

SECTION 13: Disposal considerations

13.1_Waste treatment methods

Waste disposal recommendations: Dispose in a safe manner in accordance with local/national regulations. Avoid release to the environment.

Ecology – waste materials: Avoid release to the environment.

SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

14.1_UN number

UN-No. (ADR): Not applicable.
UN-No. (IMDG): Not applicable.
UN-No. (IATA): Not applicable.

14.2_UN proper shipping name

Proper Shipping Name (ADR): Not applicable.
Proper Shipping Name (IMDG): Not applicable.
Proper Shipping Name (ITA): Not applicable.

14.3_Transport hazard class(es)

ADR

Transport hazard class(es): Not applicable.

IMDG

Transport hazard class(es): Not applicable.

IATA

Transport hazard class(es): Not applicable.

14.4_Packing group

Packing group (ADR): Not applicable.

Packing group (IMDG): Not applicable.

Packing group (IATA): Not applicable.

14.5_Environmental hazards

Dangerous for the environment: No

Marine pollutant: No

Other information: No supplementary information available

14.6_Special precautions for user

Overland transport: No data available

Transport by sea: No data available

Air transport: No data available

14.7_Trasnport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

SECTION 15: Regulatory information**15.1_Safety, health and environmental regulations/legislation specific for the mixture****15.1.1_EU-Regulations**

Contains no REACH substances with Annex XVII restrictions.

Contains no substance on the REACH candidate list.

Contains no REACH Annex XIV substances.

15.1.2_National regulations

Ensure all national/local regulations are observed.

Specific in United States of America:

SARA 302 Components

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 Components

This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

SARA 311/312 Hazards

No SARA Hazards.

Massachusetts Right To Know Components

None of the components are listed.

Pennsylvania Right To Know Components

None of the components are listed.

New Jersey Right To Know Components

None of the components are listed.

California Prop. 65 Components

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

The ingredients of this product are reported in the following inventories:

REACH: On the inventory, or in compliance with the inventory.

TSCA: This product either contains a chemical substance that is not listed on the public TSCA Inventory or the TSCA Inventory status of the product has not been evaluated. For FDA uses only.

CH INV: On the inventory, or in compliance with the inventory.

AICS: On the inventory, or in compliance with the inventory.

For explanation of abbreviations see section 16.

15.2_Chemical safety assessment

No chemical safety assessment has been carried out.

SECTION 16: Other information

Indication of changes:

General update.

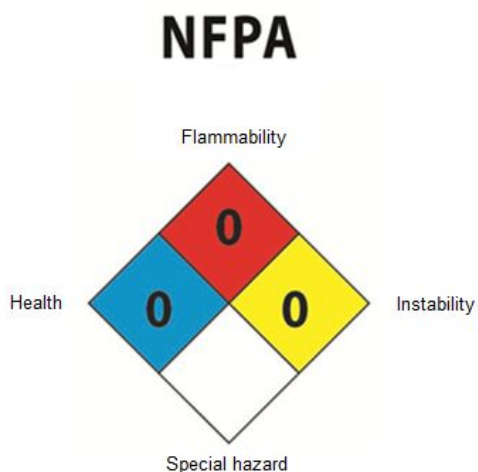
Data sources:

REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.

Training advice:

Workers must have risk-specific training.

Other information:



HMIS

Health Hazard	0
Fire Hazard	0
Reactivity	0

0 = not significant, 1 = Slight,
2 = Moderate, 3 = High,
4 = Extreme, * = Chronic

Key or legend to abbreviations and acronyms used in the safety data sheet

AICS (Australia), REACH (European Union), TSCA (USA)

This SDS is intended to provide a brief summary of our knowledge and guidance regarding the use of this material. The information contained here is accurate to the best of the Company's knowledge. It is not meant to be an all-inclusive document on worldwide hazard communication regulations. This information is offered in good faith. Each user of this material needs to evaluate the conditions of use and design the appropriate protective mechanisms to prevent employee exposures, property damage or release to the environment. Greenaltech S.L. assumes no responsibility for injury to the recipient or third persons or for any damage to any property resulting from misuse of the product.