

Product Information

Product Data Sheet

PEPHA®-CTIVE CB

Product code: 5038454

Description

PEPHA®-CTIVE CB is an aqueous extract of the microalgae *Dunaliella Salina* for cosmetic application. The extract is rich in amino acids and carbohydrates.

Product identification

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Composition

INCI name	Content	CAS No.	EINECS/ELINCS
<i>Dunaliella Salina</i> Extract	1-5%	550342-54-6	None
Pentylene Glycol	1-5%	5343-92-0	226-285-3
Citric Acid	0.01-0.1%	5949-29-1	201-069-1
Aqua	> 50%	7732-18-5	231-791-2

Specifications

Appearance:	clear liquid
Colour:	yellowish
pH value:	4.8 – 5.2
Relative density d_{20/20}:	1.000 – 1.050
Residue on drying:	1.7 - 3.0 g/ 100g
Arsenic (As): checked at regular intervals	≤ 1.0 ppm
Heavy metals checked at regular intervals	
Antimony (Sb):	≤ 2.0 ppm
Cadmium (Cd):	≤ 0.5 ppm
Lead (Pb):	≤ 1.0 ppm
Mercury (Hg):	≤ 0.1 ppm
Nickel (Ni):	≤ 2.0 ppm

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Microbiological purity:

Total aerobic microbial count (TAMC): ≤ 100 CFU/ g

Total yeast and mould count (TYMC): ≤ 100 CFU/ g

Specific microorganisms:

<i>Escherichia coli</i>	absent in 1 g
<i>Pseudomonas aeruginosa</i>	absent in 1 g
<i>Staphylococcus aureus</i>	absent in 1 g
<i>Candida albicans</i>	absent in 1 g

Solubility

PEPHA®-CTIVE CB is soluble in water at all ratios.

Stability and storage

PEPHA®-CTIVE CB may be stored for at least 24 months from the date of manufacture in the unopened original container protected from light in a clean place at a temperature between 8 and 25° C. The 'Best use before' date is printed on the label. Keep package tightly closed.

Uses

PEPHA®-CTIVE CB is a cosmetic ingredient for skin care products. PEPHA®-CTIVE CB should be added to the aqueous phase of a formulation or to the final formulation below 40° C. For skin care preparations, the addition of 1 to 3% PEPHA®-CTIVE CB is recommended.

Eco-Certification

COSMOS

PEPHA®-CTIVE CB is approved by Ecocert Greenlife according to the COSMOS Standard available at <http://cosmos.ecocert.com>: 100% Natural Origin, 1.9% PPAI (physically processed agro-ingredients), 5.06 %CPAI (chemically processed agro-ingredients)

Safety

This product is safe for the intended use. Avoid ingestion or direct contact by applying suitable protective measures and personal hygiene.

For full safety information and necessary precautions, please refer to the respective DSM Material Safety Data Sheet.

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Additional information

To find out more about our ingredients, please contact your nearest DSM Nutritional Products office.

DSM Nutritional Products Ltd Product Management Building 241 PO Box 2676 CH-4002 Basel Switzerland	Tel.: +41 (0) 61 815 8899 Internet www.dsmnutritionalproducts.com
DSM Nutritional Products LLC 45 Waterview Boulevard Parsippany, NJ 07054-1298	Tel.: +1 (800) 526 0189 (Human Nutrition, Personal Care) Tel.: +1 (800) 451-8325 (Animal Nutrition) Internet www.unlimitednutrition-na.dsm.com
DSM Nutritional Products Europe Ltd. PO Box 2676 CH-4002 Basel Switzerland	Tel.: +41 (0) 61 815 7777 Internet www.unlimitednutrition-eu.dsm.com
DSM Singapore Industrial Pte Ltd. trading as DSM Nutritional Products Asia Pacific 30 Pasir Panjang Road #13-31 Mapletree Business City Singapore 117440	Tel.: + (65) 66326500 Internet www.dsmnutritionalproducts.com
DSM Nutritional Products China No. 476, Li Bing Road Zhangjiang High-Tech Park Pudong Area, Shanghai 201203 P.R. of China	Tel.: + 86 (0)21 6141 8188 Internet www.dsmnutritionalproducts.cn
DSM Produtos Nutricionais Brasil S.A. Avenida Engenheiro Billings, nº 1729 – Prédio 31 Sala A CEP: 05321-010 São Paulo – SP Brasil	Tel.: + 55 (11) 3760-6300 Internet www.dsmnutritionalproducts.com

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