

Product Information

Product Data Sheet

ALPAFLOR® ALP-SEBUM CB

Product code: 5037861

Description

ALPAFLOR® ALP-SEBUM CB is an extract from the organically cultivated Swiss Alpine plant willow-herb (*E. fleischeri*) for cosmetic application. This species is rich in both flavonoids and Oenothein B. ALPAFLOR® ALP-SEBUM CB is certified organic by COSMOS, NATRUE and Fair Trade certified according to the Fair for Life standard.

Product identification

Product code: 50 3786 1

Composition

INCI name	Content	CAS No.	EINECS/ELINCS
Epilobium Fleischeri Flower/Leaf/Stem Extract ¹⁾	5-10 %	849775-73-1	none
Glycerin	> 50 %	56-81-5	200-289-5
Aqua	10-25 %	7732-18-5	231-791-2
Citric Acid	0.1-1 %	77-92-9	201-069-1

¹⁾ Fair Trade certified by Fair for Life

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Specifications

Appearance:	clear to slightly opalescent, amber to brown colored, slightly viscous liquid with characteristic odor
Identity by UHPLC:	comparable chromatogram to that of internal reference standard
pH:	3.6 - 5.1
Relative density d_{20/20}:	1.100 - 1.250
Refractive Index n₂₅:	1.414 - 1.436
Oenotheins by UHPLC: (calculated as gallic acid)	120 - 500 mg / 100 g
Total Viable Aerobic Count:	
-Total Aerobic Microbial Count (TAMC)	≤ 100 CFU / g
-Total Yeast/Molds Count (TYMC)	≤ 100 CFU / g
Specified microorganisms:	Absence in 1 g

Solubility

ALPAFLOR® ALP-SEBUM CB is soluble in water.

Stability and Storage

ALPAFLOR® ALP-SEBUM 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 and at a temperature between 8 and 25 °C. The 'retest' date is printed on the label. Keep package tightly closed. Once opened, use contents quickly. In order to avoid secondary microbial contamination, following opening, containers should be handled with special care.

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Uses

ALPAFLOR® ALP-SEBUM CB is a plant extract for cosmetic products. It can be processed either warm (< 60°C) or cold and should be incorporated into the aqueous phase of a cosmetic formulation. For skin care preparations, the addition of 1 to 3 % ALPAFLOR® ALP-SEBUM CB is recommended.

Certifications

COSMOS

ALPAFLOR® ALP-SEBUM CB: Certified as 19.86 % organic by Ecocert Greenlife according to COSMOS Standard available at <http://cosmos.ecocert.com>.
100 % of the total ingredients are from Natural Origin

NATRUE

ALPAFLOR® ALP-SEBUM CB complies with the NATRUE criteria
7 % Natural (98 % Organic), 23 % Water, 69 % Derived natural

FAIR for LIFE

ALPAFLOR® ALP-SEBUM CB: Certified as 19.86 % of the total ingredients are Fair Trade certified according to the Fair for Life standard available at www.fairforlife.org

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.

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