

Product Information

Product Data Sheet

ALPAFLOR® ALP®-SEBUM

Description

ALPAFLOR® ALP®-SEBUM is an extract from the organically cultivated Swiss Alpine plant willow-herb (*E. fleischeri*) for cosmetic application. This species is rich in both flavanoids and Oenothein B. ALPAFLOR® ALP®-SEBUM is preserved with 0.15% potassium sorbate. ALPAFLOR® ALP®-SEBUM is certified organic by ECOCERT, COSMOS, and NATRUE.

Product identification

Product code: 50 3763 8

(previous Pentapharm code: 953-01)

Composition

INCI name	Content	CAS No.	EINECS/ELINCS
Epilobium Fleischeri Extract	5-10%	849775-73-1	none
Glycerin	> 50%	56-81-5	200-289-5
Aqua	25-50%	7732-18-5	231-791-2
Citric Acid	0.1-1%	77-92-9	201-069-1
Potassium Sorbate	0.1-1%	24634-61-5	246-376-1

Specifications

Appearance:	clear to slightly opalescent, amber to brown coloured, slightly viscous liquid with characteristic odour
Identity by HPLC:	comparable chromatogram to that of internal reference standard
pH:	3.6 - 5.1
Relative density d _{20/20} :	1.100 - 1.250
Refractive Index n ₂₅ :	1.414 - 1.434
Oenothoins by HPLC: (calculated as gallic acid)	0.12 - 0.50% m/m
Total aerobic mesophile plate count:	< 100 CFU/g
Specified microorganisms:	not detectable in one gram

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Solubility

ALPAFLOR® ALP®-SEBUM is soluble in water.

Stability and Storage

ALPAFLOR® ALP®-SEBUM may be stored for at least 36 months from the date of manufacture in the unopened original container protected from light in a clean place and at a temperature between 15 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.

Uses

ALPAFLOR® ALP®-SEBUM 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 is recommended.

Certifications

ECOCERT

ALPAFLOR® ALP®-SEBUM: Certified by Ecocert Greenlife according to the Ecocert Standard for Natural and Organic Cosmetics available at <http://cosmetics.ecocert.com>.

99.85% of the total ingredients are from Natural Origin

24.2% of the total ingredients are from Organic Origin

COSMOS

ALPAFLOR® ALP®-SEBUM: Certified as 24.2% organic by Ecocert Greenlife according to COSMOS Standard available at <http://cosmos.ecocert.com>.

99.85% of the total ingredients are from Natural Origin

NATRUE

ALPAFLOR® ALP®-SEBUM complies with the NATRUE criteria

7% Natural (97% Organic), 27% Water, 65% Derived natural, 0,15% Nature-identical

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.

Legal notice

The information given in this publication is based on our current knowledge and experience, and may be used at your discretion and risk. It does not relieve you from carrying out your own

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precautions and tests. We do not assume any liability in connection with your product or its use. You must comply with all applicable laws and regulations, and observe all third party rights.

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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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