ANTI-POLLUTION SERUM

100.92.1.1

ANTI-AGEING. ANTIOXIDANT. MOISTURISING.

Alternative preservation: Cosphaderm® Dicapo natural, Cosphaderm® Magnolia Extract 98, Cosphaderm® Propanediol natural

Cosphatec

ALL NATURAL INGREDIENTS

Phase	Ingredient	COSMOS	INCI	Supplier	%
A	Demin. Water		Aqua	-	77.30
A	Cosphaderm® Propanediol natural	✓	Propanediol	Cosphatec GmbH	3.00
A	Cosphaderm® X soft	✓	Xanthan Gum	Cosphatec GmbH	0.80
A	Cosphaderm® Sodium Hyaluronate high	✓	Sodium Hyaluronate	Cosphatec GmbH	0.10
A	Cosphaderm® Sodium Hyaluronate low	✓	Sodium Hyaluronate	Cosphatec GmbH	0.10
A	Sodium PCA		Sodium PCA	-	0.50
A	Sodium Citrate		Sodium Citrate	-	0.50
A	Cosphaderm® SF-75H	✓	Hydrogenated Lecithin	Cosphatec GmbH	1.50
B	Cosphaderm® GS Connect	✓	Glyceryl Stearate Citrate	Cosphatec GmbH	2.00
B	Shea Butter refined		Butyrospermum Parkii Butter	Gustav Heess GmbH	2.00
B	Jojoba Oil		Simmondsia Chinensis Seed Oil	Gustav Heess GmbH	4.00
B	MCT Oil Typ V Ph. Eur.		Caprylic/Capric Triglyceride	Gustav Heess GmbH	5.00
B	Camellia Seed Oil		Camellia Oleifera Seed Oil	-	2.00
C	Cosphaderm® Dicapo natural	✓	Caprylyl Glycol, Propanediol, Glyceryl Caprylate	Cosphatec GmbH	0.70
C	Cosphaderm® Magnolia Extract 98	✓	Magnolia Officinalis Bark Extract	Cosphatec GmbH	0.20
D	Cosphaderm® Tocopharin	✓	Tocopherol, Helianthus Annuus Seed Oil, Carnosic Acid	Cosphatec GmbH	0.30

MANUFACTURING PROCESS

Phase A: Combine all ingredients of phase A and stir until everything is completely dissolved.
Phase B: Combine all ingredients of phase B.
Heat both phases separately to 70-75 °C and add phase B to A while stirring. Then homogenise the formulation.
Phase C: Dissolve Cosphaderm® Magnolia Extract 98 in Cosphaderm® Dicapo natural.
Add phase C and phase D to phase A+B after cooling to 40 °C while stirring. Adjust the pH to 5.5 ± 0.05.

SPECIFICATION

Appearance: Light beige, shiny, fluid emulsion
pH: 5.5 ± 0.05
Stability: No separation after centrifugation (4000 rpm, 30 min), stable for 3 months at room temperature and 40 °C
Microbiological stability: proven

Disclaimer: This formulation proposal and our technical application advice are given to the best of our knowledge, but it is for information purposes only and no responsibility is assumed.

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