AFTER SUN LOTION

200.78.2.1

Cosphatec

ALL NATURAL INGREDIENTS

SOOTHING. HYDRATING. REGENERATING.

Alternative preservation: Cosphaderm® Sodium pAS natural, Cosphaderm® Zinc Lactate, Cosphaderm® Pentiol natural

Phase	Ingredient	COSMOS	INCI	Supplier	%
A	Demin. Water		Aqua	-	71.90
A	Cosphaderm® Pentiol natural	✓	Pentylene Glycol	Cosphatec GmbH	4.00
A	Glycerin		Glycerin	-	3.00
A	Cosphaderm® Sodium pAS natural	✓	Sodium Anisate	Cosphatec GmbH	0.30
A	Cosphaderm® Zinc Lactate natural	✓	Zinc Lactate	Cosphatec GmbH	0.50
A	Aloe Vera Powder		Aloe Barbadensis Leaf Juice Powder	-	0.10
A	Ectoin® natural		Ectoin	bitop AG	1.00
B	Cosphaderm® X 34	✓	Xanthan Gum	Cosphatec GmbH	0.50
C	Cosphaderm® GS Connect	✓	Glyceryl Stearate Citrate	Cosphatec GmbH	2.50
C	Lanette® O		Cetearyl Alcohol	BASF SE	1.50
C	MCT Oil Typ V Ph. Eur.		Caprylic/Capric Triglyceride	Gustav Heess GmbH	4.00
C	Cosphaderm® Feel	✓	Triheptanoin	Cosphatec GmbH	2.00
C	Almond Oil		Prunus Amygdalus Dulcis Oil	Gustav Heess GmbH	3.00
C	Sunflower Oil		Helianthus Annuus Seed Oil	Gustav Heess GmbH	3.00
C	Shea Butter refined		Butyrospermum Parkii Butter	Gustav Heess GmbH	2.50
C	Cosphaderm® T-70 NON GMO ECO CC	✓	Tocopherol, Helianthus Annuus Seed Oil	Cosphatec GmbH	0.20

MANUFACTURING PROCESS

Phase A: Combine all ingredients of phase A and stir until everything is completely dissolved.
Phase B: Add Cosphaderm® X 34 while stirring and stir until everything is homogeneous.
Phase C: Combine all ingredients of phase C.
Heat both phases separately to 75 °C and add phase C to A/B while stirring. Homogenise.
Adjust the pH to 5.5 ± 0.05.

SPECIFICATION

Appearance: White, viscous lotion
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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