

NATURAL MINERAL SUN LOTION

Cosphatec

800.108.1.1

CALCULATED SPF 20-30. NATURAL SPF FILTER.
WATER RESISTANT.

ALL NATURAL
INGREDIENTS

Alternative preservation: Cosphaderm® GeMix

Phase	Ingredient	COSMOS	INCI	Supplier	%
A	Demin. Water		Aqua	-	42.20
A	Cosphaderm® Propanediol natural	✓	Propanediol	Cosphatec GmbH	5.00
A	Sodium Chloride		Sodium Chloride	-	0.50
A	Potassium Citrate		Potassium Citrate	-	0.40
B	Imwitor® 600		Polyglyceryl-3 Polyricinoleate	IOI Oleo GmbH	3.50
B	Lanette® O		Cetearyl Alcohol	BASF SE	3.00
B	Coconut Oil		Coco Nucifera Oil	Gustav Heess GmbH	3.00
B	MCT Oil Typ V Ph. Eur.		Caprylic/Capric Triglyceride	Gustav Heess GmbH	8.00
B	Cosphaderm® Feel	✓	Triheptanoin	Cosphatec GmbH	8.00
B	Cosphaderm® T-70 NON GMO ECO	✓	Tocopherol, Helianthus Annuus Seed Oil	Cosphatec GmbH	0.20
B	Cosphaderm® GeMix	✓	Glyceryl Caprylate, Glyceryl Undecylenate	Cosphatec GmbH	1.20
C	ZinClear® XP 65 Coco		Zinc Oxide, Coco-Caprylate / Caprate, Polyglyceryl-3 Polyricinoleate, Isostearic Acid	Lehmann&Voss&Co. KG	25.00

MANUFACTURING PROCESS

Phase A: Combine all ingredients of phase A. Stir until everything is completely dissolved. Afterwards, adjust the pH to 5.5 – 6.0 by adding diluted Citric Acid.

Phase B: Combine all ingredients and heat to 75-80 °C. Then add phase B to phase A while homogenising.

Add phase C to the finished formulation and homogenise.

SPECIFICATION

Appearance: White emulsion

Stability: Microbiological stability proven, no separation after centrifugation (4000 rpm, 30 min)