

# MOISTURISING DAYCREAM

Cosphatec

100.1.1.1

RICH SKIN FEEL. QUICKLY ABSORBING. HYDRATING.

**Alternative preservation: Cosphaderm® Dicapo**

Phase	Ingredient	COSMOS	INCI	Supplier	%
A	Demin. Water		Aqua	-	84.50
A	<u>Glycerin</u>		Glycerin	-	3.00
A	<u>Cosphaderm® PA ECONAT</u>	✓	Phytic Acid, Aqua	Cosphatec GmbH	0.10
B	<u>Cosphaderm® X 34</u>	✓	Xanthan Gum	Cosphatec GmbH	0.20
B	<u>Aristoflex® AVC</u>		Ammonium Acryloyldimethyltaurate/ VP Copolymer	Clariant AG	1.00
C	<u>Cosphaderm® E NGM natural</u>	✓	Lysolecithin	Cosphatec GmbH	1.50
C	<u>Cegesoft® SH</u>		Shorea Stenoptera Seed Butter	BASF SE	2.50
C	<u>Sunflower Oil</u>		Helianthus Annuus Seed Oil	Gustav Heess GmbH	2.00
C	<u>Jojoba Oil</u>		Simmondsia Chinensis Seed Oil	Gustav Heess GmbH	2.00
C	<u>Softisan® 154</u>		Hydrogenated Palm Oil	IOI Oleo GmbH	1.00
C	<u>Cosphaderm® AP</u>	✓	Ascorbyl Palmitate	Cosphatec GmbH	0.20
C	<u>Cosphaderm® T-70 NON GMO ECO</u>	✓	Tocopherol, Helianthus Annuus Seed Oil	Cosphatec GmbH	0.30
C	<u>Cosphaderm® Feel</u>	✓	Triheptanoin	Cosphatec GmbH	1.00
D	<u>Cosphaderm® Dicapo</u>		Caprylyl Glycol, Glyceryl Caprylate, Dipropylene Glycol	Cosphatec GmbH	0.70

## MANUFACTURING PROCESS

Phase A: Mix all ingredients together.

Phase B: Slowly add Cosphaderm® X 34 and Aristoflex® AVC under stirring to phase A. Continue stirring until complete dissolution. Then heat to 80 °C.

Phase C: Mix all ingredients and heat to 80 °C. Add phase C to phase A+B and homogenise.

Phase D: Add Cosphaderm® Dicapo below 40 °C under stirring.

Adjust the pH to 5.5 ± 0.05.

## SPECIFICATION

Appearance: Light beige, shiny, viscous 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.