

# AFTER-SUN GEL

100.54.2.1

Cosphatec

COOLING. STRESS-RELIEVING. FAST ABSORBING.

Alternative preservation: Cosphaderm® LA-T, Cosphaderm® Pentiol GL

Phase	Ingredient	COSMOS	INCI	Supplier	%
A	Demin. Water		Aqua	-	78.40
A	Glycerin		Glycerin	-	5.00
A	Cinnamic Acid		Cinnamic Acid	-	0.20
A	<u>Cosphaderm® LA-T</u>	✓	Levulinic Acid, Glycerin, Sodium Levulinate, Aqua	Cosphatec GmbH	1.00
B	<u>Cosphaderm® X soft</u>	✓	Xanthan Gum	Cosphatec GmbH	0.50
B	<u>Cosphaderm® Sodium Hyaluronate</u>	✓	Sodium Hyaluronate	Cosphatec GmbH	0.20
B	Panthenol		Panthenol, Aqua	-	1.00
B	<u>Cosphaderm® Pentiol GL</u>		Pentylene Glycol	Cosphatec GmbH	3.00
B	Witch Hazel Water		Hamamelis Virginiana Leaf Water	-	10.00
B	Ronacare® Allantoin		Allantoin	SUSONITY	0.20
B	Aloe Vera Powder		Aloe Barbadensis Leaf Juice Powder	-	0.50

## MANUFACTURING PROCESS

Phase A: Combine all ingredients of phase A and raise the pH to 11 to dissolve cinnamic acid. When everything is dissolved, lower the pH back to 6 again.

Phase B: Add all ingredients of phase B to phase A and stir until a slightly viscous gel is formed.

Adjust pH to  $5.5 \pm 0.05$ .

## SPECIFICATION

Appearance: Yellowish, transparent, slightly viscous gel

pH:  $5.5 \pm 0.05$

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.