AFTER-SUN GEL

100.54.2.1

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	Cosphaderm® LA-T	✓	Levulinic Acid, Glycerin, Sodium Levulinate, Aqua	Cosphatec GmbH	1.00
B	Cosphaderm® X soft	✓	Xanthan Gum	Cosphatec GmbH	0.50
B	Cosphaderm® Sodium Hyaluronate	✓	Sodium Hyaluronate	Cosphatec GmbH	0.20
B	Cosphaderm® Panthenol natural 75	✓	Panthenol, Aqua	Cosphatec GmbH	1.00
B	Cosphaderm® Pentiol GL		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 ± 0.05.

SPECIFICATION

Appearance: Yellowish, transparent, slightly viscous gel
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.

Cosphatec GmbH
Hopfenmarkt 33
20457 Hamburg