

ANTI-DANDRUFF SHAMPOO



Cosphatec

ALL NATURAL
INGREDIENTS

400.62.1.1

CLEANSING. FOAMING. NATURALLY
ACTIVE AGAINST DANDRUFF.

**Alternative preservation: Cosphaderm® LA-T,
Cosphaderm® Sodium pAS natural**

Phase	Ingredient	COSMOS	INCI	Supplier	%
A	Sodium Coco Sulfat 30 %		Aqua, Sodium Coco Sulfate	-	30.00
A	Plantacare® 12000 UP		Lauryl Glucoside	BASF SE	4.00
A	Dehyton® K		Cocamidopropyl Betaine	BASF SE	2.00
A	SOFTISAN® conditionHAIR		PCA Glyceryl Oleate	IOI Oleo GmbH	1.00
A	Cosphagard® SA natural	✓	Salicylic Acid	Cosphatec GmbH	3.00
A	Sodium Hydroxide Solution (10 %)		Aqua, Sodium Hydroxide	-	q.s.
B	Demin. Water		Aqua	-	ad 100
B	Cosphaderm® X 34	✓	Xanthan Gum	Cosphatec GmbH	0.50
B	Cosphaderm® PA ECONAT	✓	Phytic Acid, Aqua	Cosphatec GmbH	0.10
B	Cosphaderm® Sodium pAS natural	✓	p-Anisic Acid	Cosphatec GmbH	0.20
B	Cosphaderm® LA-T	✓	Levulinic Acid, Glycerin, Sodium Levulinate, Aqua	Cosphatec GmbH	1.00
C	NaCl-Solution 25 %		Aqua, Sodium Chloride	-	3.00
C	Citric Acid Solution (10 %)		Aqua, Citric Acid	-	q.s.

Manufacturing Process

Phase A: Combine all ingredients of phase A. Raise the pH to 11 to dissolve Cosphagard® SA natural. Heat phase A to 70 °C.

Phase B: Combine all ingredients and stir until Cosphaderm® X 34 is completely dissolved. Heat phase B to 70 °C.

Add phase B to phase A under very soft stirring.

Phase C: Add phase C below 40 °C to the finished formulation. Adjust the pH to 4.5 ± 0.05 .

The shampoo will thicken within 24 hours.

Specification

Appearance: Clear to yellowish liquid

pH: 4.5 ± 0.05

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