

ANTI-DANDRUFF SHAMPOO (B)

400.62.2.1

CLEANSING. FOAMING. NATURALLY ACTIVE AGAINST DANDRUFF.

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

Cosphatec

ALL NATURAL
INGREDIENTS

Phase	Ingredient	COSMOS	INCI	Supplier	%
A	Demin. Water		Aqua	-	77.45
A	Sodium Coco-Sulfate		Sodium Coco Sulfate	-	10.00
A	Plantacare® 1200 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	Cosphaderm® pAS natural	✓	p-Anisic Acid	Cosphatec GmbH	0.20
B	Cosphaderm® X 34	✓	Xanthan Gum	Cosphatec GmbH	0.50
C	Cosphaderm® PA ECONAT	✓	Phytic Acid, Aqua	Cosphatec GmbH	0.10
C	Cosphaderm® LA-T	✓	Levulinic Acid, Glycerin, Sodium Levulinate, Aqua	Cosphatec GmbH	1.00
D	Sodium Chloride		Sodium Chloride	-	0.75

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)