CONDITIONING SHAMPOO

400.3.1.1

Cosphatec

ALL NATURAL INGREDIENTS

CONDITIONING. SLES-FREE. CLEANSING.

Alternative preservation: Cosphaderm® TOM, Cosphaderm® Propanediol natural, Cosphaderm® Magnolia Extract 98

Phase	Ingredient	COSMOS	INCI	Supplier	%
A	Demin. Water		Aqua	-	68.90
A	Glycerin		Glycerin	-	3.00
A	Sulfopon® 1216 G		Sodium Coco Sulfate	BASF SE	6.50
A	Plantacare® 1200 UP		Lauryl Glucoside	BASF SE	7.35
B	Dehyton® K		Cocamidopropyl Betaine	BASF SE	4.90
B	Plantacare® 818 UP		Coco Glucoside	BASF SE	2.50
C	Cosphaderm® X 34	✓	Xanthan Gum	Cosphatec GmbH	1.00
C	Cosphaderm® E NGM natural	✓	Lysolecithin	Cosphatec GmbH	1.00
D	Cosphaderm® TOM	✓	Pentylene Glycol, Glyceryl Caprylate, Glyceryl Undecylenate	Cosphatec GmbH	1.80
D	Cosphaderm® Propanediol natural	✓	Propanediol	Cosphatec GmbH	3.00
D	Cosphaderm® Magnolia Extract 98	✓	Magnolia Officinalis Bark Extract	Cosphatec GmbH	0.05

MANUFACTURING PROCESS

Phase A: Combine all ingredients and dissolve Phase A at 40°C.
Phase B: Add phase B to phase A and adjust the pH to 5.0 – 5.5.
Phase C: Add phase C to phase A/B under soft stirring.
Phase D: Dissolve Cosphaderm® Magnolia Extract 98 in Cosphaderm® Propanediol natural and Cosphaderm® TOM. Add phase D to phase A/B/C under stirring.
Adjust the pH to 5.0 ± 0.05.

SPECIFICATION

Appearance: Yellowish, translucent gel
pH: 5.0 ± 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.

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