DETANGLE SHAMPOO

400.46.2.1

CONDITIONING. DETANGLING. SULFATE-FREE.

Alternative preservation: Cosphaderm® GeMix, Cosphaderm® Sodium pAS natural

Cosphatec

ALL NATURAL INGREDIENTS

Phase	Ingredient	COSMOS	INCI	Supplier	%
A	Demin. Water		Aqua	-	71.90
A	Glycerin		Glycerin	-	3.00
A	Cosphaderm® X soft	✓	Xanthan Gum	Cosphatec GmbH	1.00
A	Cosphaderm® PA ECONAT	✓	Phytic Acid, Aqua	Cosphatec GmbH	0.10
B	Cosphaderm® GeMix	✓	Glyceryl Caprylate, Glyceryl Undecylenate	Cosphatec GmbH	1.00
B	Cosphaderm® Sodium pAS natural		Sodium Anisate	Cosphatec GmbH	0.20
B	SOFTISAN® conditionHAIR		PCA Glyceryl Oleate	IOI Oleo GmbH	0.50
B	Perlastan® SC		Sodium/Disodium Cocoyl Glutamate	Schill + Seilacher Struktol GmbH	10.00
B	Plantacare® 818 UP		Coco Glucoside	BASF SE	10.00
B	Plantacare® 1200 UP		Lauryl Glucoside	BASF SE	2.00
B	MCT Oil Typ V Ph. Eur.		Caprylic/Capric Triglyceride	Gustav Heess GmbH	0.30

MANUFACTURING PROCESS

Phase A: Combine all ingredients of phase A and stir slowly until everything is completely dissolved.
Phase B: Combine all ingredients of phase B.
Add phase B to phase A under stirring with the propeller stirrer.
Adjust the pH to 5.5 ± 0.05.

SPECIFICATION

Appearance: Milky, white 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.

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