

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	<u>Glycerin</u>		Glycerin	-	3.00
A	<u>Cosphaderm® X soft</u>	✓	Xanthan Gum	Cosphatec GmbH	1.00
A	<u>Cosphaderm® PA ECONAT</u>	✓	Phytic Acid, Aqua	Cosphatec GmbH	0.10
B	<u>Cosphaderm® GeMix</u>	✓	Glyceryl Caprylate, Glyceryl Undecylenate	Cosphatec GmbH	1.00
B	<u>Cosphaderm® Sodium pAS natural</u>		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.