

# DETANGLE SHAMPOO

400.46.2.1

Cosphatec

CONDITIONING. DETANGLING. SULFATE-FREE.

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

ALL NATURAL  
INGREDIENTS

Phase	Ingredient	COSMOS	INCI	Supplier	%
A	Demin. Water		Aqua	-	71.90
A	Glycerin		Glycerin	CREMER OLEO GmbH & Co. KG	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 Cosphaderm® CA natural is completely dissolved.

Phase B: Combine all ingredients of phase B and stir until Cosphaderm® X soft is dissolved.

Heat both phases separately to 50 °C and add phase B to phase A under thorough stirring with the propeller stirrer. Adjust the pH to  $5.5 \pm 0.05$ .

## Specification

Appearance: Milky, white gel

pH:  $5.5 \pm 0.05$

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