

# CONDITIONING SHAMPOO

400.3.1.1

CONDITIONING. SLES-FREE. CLEANSING.

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

Cosphatec

ALL NATURAL  
INGREDIENTS

Phase	Ingredient	COSMOS	INCI	Supplier	%
A	Demin. Water		Aqua	-	68.90
A	<a href="#">Glycerin</a>		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	<a href="#">Cosphaderm® X 34</a>	✓	Xanthan Gum	Cosphatec GmbH	1.00
C	<a href="#">Cosphaderm® E NGM natural</a>	✓	Lysolecithin	Cosphatec GmbH	1.00
D	<a href="#">Cosphaderm® TOM</a>	✓	Pentylene Glycol, Glyceryl Caprylate, Glyceryl Undecylenate	Cosphatec GmbH	1.80
D	<a href="#">Cosphaderm® Propanediol natural</a>	✓	Propanediol	Cosphatec GmbH	3.00
D	<a href="#">Cosphaderm® Magnolia Extract 98</a>	✓	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.