

# CONDITIONING SHAMPOO

Cosphatec

400.3.1.1

CONDITIONING. SLES-FREE. FREE OF LISTED PRESERVATIVES.

ALL NATURAL  
INGREDIENTS

**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	CREMER OLEO GmbH & Co. KG	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		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 gel

pH: 5.0 ± 0.05

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