

CONDITIONING SHAMPOO

400.3.1.1

CONDITIONING. SLES-FREE. FREE OF LISTED PRESERVATIVES.

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

Cosphatec

ALL NATURAL
INGREDIENTS

Phase	Ingredient	COSMOS	INCI	Supplier	%
A	Demin. Water		Aqua	-	ad 100
A	Cosphaderm® Propanediol natural	✓	Propanediol	Cosphatec GmbH	3.00
A	Glycerin		Glycerin	Cremer GmbH	3.00
A	Cosphaderm® TOM	✓	Pentylene Glycol, Glyceryl Caprylate, Glyceryl Undecylenate	Cosphatec GmbH	1.80
A	Cosphaderm® X 34	✓	Xanthan Gum	Cosphatec GmbH	1.00
B	Sulfopon® 1216 G		Sodium Coco Sulfate	BASF SE	6.50
B	Plantacare® 1200 UP		Lauryl Glucoside	BASF SE	7.36
B	Dehyton® K		Cocamidopropyl Betaine	BASF SE	4.88
B	Plantacare® 818 UP		Coco Glucoside	BASF SE	2.50
B	Cosphaderm® E NGM		Lysolecithin	Cosphatec GmbH	1.00
B	Cosphaderm® Magnolia Extract 98	✓	Magnolia Officinalis Bark Extract	Cosphatec GmbH	0.05

Manufacturing Process

Phase A: Mix all ingredients of phase A and stir until everything is dissolved.

Phase B: Mix phase B and heat phase A and B separately to 50 °C.

Add phase A to phase B under soft stirring. Try to avoid air bubbles.

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)