MILD & FOAMY BABY SHAMPOO

500.30.1.1

GENTLE CLEANSING. MILD. VEGAN.

Alternative preservation: Cosphaderm® Hexiol, Cosphaderm® Pentiol GL, Cosphaderm® Propanediol natural

Phase	Ingredient	COSMOS	INCI	Supplier	%
A	Demin. Water		Aqua	-	74.00
A	Cosphaderm® Hexiol		1,2-Hexanediol	Cosphatec GmbH	2.50
A	Cosphaderm® Pentiol GL		Pentylene Glycol	Cosphatec GmbH	2.50
A	Cosphaderm® Propanediol natural	✓	Propanediol	Cosphatec GmbH	4.00
A	Cosphaderm® Panthenol natural 75	✓	Panthenol, Aqua	Cosphatec GmbH	1.00
B	Cosphaderm® X 34	✓	Xanthan Gum	Cosphatec GmbH	1.00
C	Plantacare® 818 UP		Coco Glucoside	BASF SE	5.00
C	Plantacare® 2000 UP		Decyl Glucoside	BASF SE	10.00

MANUFACTURING PROCESS

Phase A: Combine all ingredients of phase A.
Phase B: Add phase B to phase A while stirring and stir until everything is completely dissolved.
Phase C: Prepare phase C and add to phase A+B under slow stirring to prevent foaming.
Adjust pH to 5.5 ± 0.05.

SPECIFICATION

Appearance: Transparent, 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.

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