

# MILD & FOAMY BABY SHAMPOO

Cosphatec

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	D-Panthenol 75 %		Panthenol, Aqua	-	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: Slowly add phase B to phase A under stirring. Stir until complete dissolution.

Phase C: Prepare phase C and add to phase A+B under slow stirring to prevent foaming.

Adjust pH to  $5.5 \pm 0.05$ .

## Specification

Appearance: Transparent gel

pH:  $5.5 \pm 0.05$

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