

# BABY BATH

500.31.3.1

GENTLE CLEANSING. MILD. FOAMY.

**Alternative Preservation: Cosphaderm® Pentiol natural, Cosphaderm® GeMix**

Cosphatec

ALL NATURAL  
INGREDIENTS

Phase	Ingredient	COSMOS	INCI	Supplier	%
A	Demin. Water		Aqua	-	55.70
A	Cinnamic Acid		Cinnamic Acid	-	0.30
B	Cosphaderm® Pentiol natural	✓	Pentylene Glycol	Cosphatec GmbH	2.00
B	Cosphaderm® X 34	✓	Xanthan Gum	Cosphatec GmbH	1.00
C	Cosphaderm® E NGM		Lysolecithin	Cosphatec GmbH	5.00
D	Plantacare® 818 UP		Coco Glucoside	BASF SE	10.00
D	Plantacare® 2000 UP		Decyl Glucoside	BASF SE	25.00
D	Cosphaderm® GeMix	✓	Glyceryl Caprylate, Glyceryl Undecylenate	Cosphatec GmbH	1.00

## Manufacturing Process

Phase A: Combine all ingredients of phase A and raise the pH to 11 under stirring to dissolve cinnamic acid. Afterwards, adjust the pH to  $5.5 \pm 0.05$  by adding Citric Acid.

Phase B: Add phase B to phase A and stir until everything is completely dissolved.

Heat phase A+B to 60 °C and add phase C under strong stirring.

Phase D: Add phase D to phase A+B below 40 °C.

Adjust the pH to  $5.5 \pm 0.05$ .

## Specification

Appearance: Transparent, yellow gel

pH:  $5.5 \pm 0.05$

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