

# 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+B: Combine phase A in a beaker and stir until Cosphaderm® X 34 is dissolved.

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

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

Phase D: Before adding phase D to the mixture increase the pH to 11 and add Cosphaderm® CA natural.

Afterwards lower 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)