

# BABY BATH

NEW

Cosphatec

ALL NATURAL  
INGREDIENTS

500.31.3.1

GENTLY FOAMING. MILDLY CLEANSING. FREE OF LISTED PRESERVATIVES.

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

Phase	Ingredient	COSMOS	INCI	Supplier	%
A	Demin. Water		Aqua	-	ad 100
A	Cosphaderm® Pentiol natural	✓	Pentylene Glycol	Cosphatec GmbH	2.00
A	Cosphaderm® X 34	✓	Xanthan Gum	Cosphatec GmbH	1.00
B	Cosphaderm® E NGM		Lysolecithin	Cosphatec GmbH	5.00
C	Plantacare® 818 UP		Coco Glucoside	BASF SE	10.00
C	Plantacare® 2000 UP		Decyl Glucoside	BASF SE	25.00
C	Cosphaderm® GeMix	✓	Glyceryl Caprylate, Glyceryl Undecylenate	Cosphatec GmbH	1.00
D	Cosphaderm® CA natural	✓	Cinnamic Acid	Cosphatec GmbH	0.30

## 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 ± 0.05.

## Specification

Appearance: Transparent, yellow gel

pH: 5.5 ± 0.05

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