

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 ± 0.05 .

Specification

Appearance: Transparent, yellow gel

pH: 5.5 ± 0.05

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