

# JELLY SOAP

300.22.1.2

Cosphatec

CLEANSING. FOAMING. FREE OF LISTED PRESERVATIVES.

**Alternative preservation: Cosphaderm® Hexiol, Cosphaderm® Octiol, Cosphaderm® Propanediol natural**

Phase	Ingredient	COSMOS	INCI	Supplier	%
A	Glycerin		Glycerin	CREMER OLEO GmbH & Co. KG	5.00
A	Cosphaderm® Hexiol		1,2-Hexanediol	Cosphatec GmbH	2.00
A	Cosphaderm® Octiol		Caprylyl Glycol	Cosphatec GmbH	0.50
A	Cosphaderm® Propanediol natural	✓	Propanediol	Cosphatec GmbH	1.00
A	Cosphaderm® X 34	✓	Xanthan Gum	Cosphatec GmbH	0.50
A	Cosphaderm® KG	✓	Amorphophallus Konjac Root Extract	Cosphatec GmbH	0.50
B	Demin. Water		Aqua	-	83.50
C	Plantacare® 810 UP		Caprylyl/Capryl Glucoside	BASF SE	2.00
C	Texapon® NSO UP		Sodium Laureth Sulfate	BASF SE	5.00

## Manufacturing Process

Phase A: Prepare phase A and stir until dispersed.

Phase B: Slowly add the water to phase A under stirring and stir until complete dissolution.

If wanted, add heat-proof colour.

Phase C: Prepare phase C, adjust the pH to  $5.5 \pm 0.05$  and set aside.

Heat phase A+B to its boiling point and keep this temperature for 2 – 3 min.

Add phase C to the hot phase A+B. Continue stirring until everything is combined.

Quickly pour the warm mixture into moulds and let it cool down.

## Specification

Appearance: Clear, solid, elastic jelly

pH: 5.5 – 6.5

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