

JELLY SOAP

Cosphatec

300.22.1.2

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	-	ad 100
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 ±0.05 and set aside.

Heat phase A+B to its boiling point while stirring slowly on a heating magnetic stirrer. Keep this temperature

for 5 min. It is essential to use a heating magnetic stirrer, otherwise the jelly will be unstable.

Add phase C to the hot phase A+B. Continue stirring on the heating magnetic stirrer 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)