JELLY SOAP

300.22.1.2

CLEANSING. FOAMING. BOUNCY TEXTURE.

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

Phase	Ingredient	COSMOS	INCI	Supplier	%
A	Glycerin		Glycerin	-	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 ± 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: stable for 3 months at room temperature and 40 °C
Microbiological stability: proven

Disclaimer: This formulation proposal and our technical application advice are given to the best of our knowledge, but it is for information purposes only and no responsibility is assumed.

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