NATURAL JELLY SOAP

300.96.1.1

Cosphatec

ALL NATURAL INGREDIENTS

BOUNCY TEXTURE. CLEANSING. FOAMING.

Alternative preservation: Cosphaderm® Pentiol natural, Cosphaderm® Sodium LAAS

Phase	Ingredient	COSMOS	INCI	Supplier	%
A	Glycerin		Glycerin	-	5.00
A	Cosphaderm® Pentiol natural	✓	Pentylene Glycol	Cosphatec GmbH	3.00
A	Cosphaderm® KG	✓	Amorphophallus Konjac Root Extract	Cosphatec GmbH	0.50
A	Cosphaderm® X 34	✓	Xanthan Gum	Cosphatec GmbH	0.50
B	Demin. Water		Aqua	-	69.50
B	Perlastan® SC		Sodium/Disodium Cocoyl Glutamate	Schill + Seilacher Struktol GmbH	8.00
B	Plantacare® 818 UP		Coco Glucoside	BASF SE	12.00
B	SOFTISAN® conditionHAIR		PCA Glyceryl Oleate	IOI Oleo GmbH	0.50
C	Cosphaderm® Sodium LAAS	✓	Sodium Levulinate, Sodium Anisate	Cosphatec GmbH	1.00

MANUFACTURING PROCESS

Phase A: Combine all ingredients of phase A and stir until dispersed.
Phase B: Prepare phase B and lower the pH to ~ 5.5.
Add phase C and phase A to phase B.
Adjust the pH to 5.5 ± 0.05.

Heat the prepared solution to 80 – 90 °C and stir at this temperature for 2 – 3 min.
Quickly pour the warm mixture into moulds and let it cool down.

SPECIFICATION

Appearance: Clear, solid, elastic jelly
pH: 5.5 ± 0.05
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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