



DOW[®]

Transforming Textures

Hair Care Solutions 

The Zen Conditioner Bar
CPF 4005
Smoothing Bar — Solid to Oil

The Zen Conditioner Bar (CPF 4005)

Enhanced volume, wet combing – Solid to oil

Phase	Trade name / Supplier	INCI name	Wt%
A	Incroquat Behenyl TMS / Croda	Behentrimonium Methosulfate (and) Cetearyl Alcohol	60.00
	Crodacol CS90 / Croda	Cetearyl Alcohol	12.00
	Arlacel 165 / Croda	Glyceryl Stearate (and) PEG-100 Stearate	3.00
	Cocoa Butter / Bramble Berry	Theobroma Cacao (Cocoa) Seed Butter	8.00
	Shea Butter / Bramble Berry	Butyrospermum Parkii (Shea) Butter	2.00
	Coconut Oil / Bramble Berry	Cocos Nucifera (Coconut) Oil	0.50
	Argan Oil / Bramble Berry	Argania Spinosa Kernel Oil	1.00
	Babassu Oil / Bramble Berry	Orbignya Oleifera Seed Oil	0.25
	Prickly Pear Oil / ICSC	Opuntia Ficus-Indica Seed Oil	0.25
B	Water	Water	11.35
	SoftCAT™ SX-400X / Dow	Polyquaternium-67	0.30
	FOAMYSENSE™ N3000 Polymer / Dow	PEG-14M	0.10
C	Amazon Lily & Rain / Bramble Berry	Fragrance	1.00
	Neolone PH 100 / DuPont	Phenoxyethanol	0.25

Disclaimer: Contained in this package is a sample prepared as per the formulation described on this card. Any variation in the formulation may cause performance to change.

Procedure:

1. Melt phase A waxes first at approximately 75°C.
2. Add the butters and oils from phase A.
3. Heat the water in phase B to the same temperature as the oil phase, while dissolving the SoftCAT™ SX-400X and FOAMYSENSE™ N3000 Polymer together.
4. Add phase B to phase A at approximately 800 rpm (avoid splashing).
5. Add phase C ingredients, and then pour into mold while formulation is still hot.

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Images: iStock-494420408, iStock-513694258, gettyimages_187097170

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