

Sustainable Planet Waterless Shampoo

WATERLESS FORMULA

- Waterless Shampoo Bar
- Socially & Environmentally Responsible
- No package Formula

Ingredient Trade Name	INCI Name	%
Phase A		
Plantacare 818 ²	Coco Glucoside	20.0
Optiphen ³	Phenoxyethanol, Caprylyl Glycol	1.0
Natpure Col LC717 ⁴	Chlorophyllin-Copper Complex, CI 75810	0.1
Flovivia Cedarwood Oil ⁵	Cedrus Atlantica (Cedarwood) Oil	0.9
Phase B		
Sustainable Beeswax ¹	Beeswax	10.0
AR Cocoa Butter ¹	Theobroma Cacao (Cocoa) Seed Butter	5.0
Bayberry Wax ¹	Myrica Cerifera (Bayberry) Wax	3.0
Phase C		
Jordapon SCI ²	Sodium Cocoyl Isethionate	60.0



Product	Function	About	% Usage	Natural
Sustainable Beeswax	Natural thickener, structure, plasticizer and particle suspension.	Socially and environmentally responsible natural beeswax. A multifunctional, ingredient that increases stability, compatibility, prevents syneresis, offers many texture options.	0.5-25%	x
AR Cocoa Butter	Structure, thickener	Provides moisture, texture, some structure and skin nourishment.	Up to 100%	x
Bayberry Wax	Emollient, Thickener	Highly emollient, adds matte finish, and acts like a butter in most formulation.	0.5-15%	x

PROCEDURE

- Gently heat phase A and mix well until homogeneous.
- Combine Phase B ingredients, and heat to 80 – 85 °C until melted.
- Add Phase B to Phase A and mix well until a homogeneous paste is formed. Do not exceed 80 °C.
- Add Phase C in small increments and mix until fully homogenous.
- Press into desired molds, allow to set 24 hours, unmold.

Looking for additional formulas? Try our Formula Selector Tool at: <https://www.kosterkeunen.com/pcformulationguide/>

Stability information: Three months at 45 °C, three months at room temperature, three freeze/thaw cycles.

Supplier information: 1. Koster Keunen, Inc.; 2. BASF; 3. Brenntag Specialties; 4. Sensient; 5. TAOS.



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