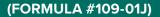
Natural Plant Products



A BEAUTIFUL BIOME SHAMPOO BAR

This multifunctional shampoo bar adds shine without greasiness, promotes scalp health, and requires minimal packaging – making it great for the skin's microbiome and better for the planet's macro-biomes. **Daikon Seed Extract** is an upcycled natural ingredient that imparts a silky, silicone-like feel, increases hair shine and strength, and improves the scalp's skin barrier function. **Meadowfoam Seed Oil XPR** adds a luxurious, velvety texture and superior oxidative stability to the formulation. Pentavitin[®], derived from maize kernels, balances the scalp microbiome, reduces scalp sebum and flaking, and adds 24-hour moisturization after just one shampoo application.

Ingredient INCI NAME	Trade Name	%
Phase A		
Coco-glucoside	Plantaren 818 UP ¹	12.00
Cocamidopropyl Betaine	Cocamidopropyl Betaine	10.00
Glycerin	Glycerin	5.00
Sodium Lauroyl Sarcosinate	Aminosyl L 30 ²	5.00
Coco-Glucoside (and) Glyceryl Oleate	Sopal PO 65 ³	3.00
Phase B		
Cetearyl Alcohol	Cetearyl Alcohol	34.50
Behentrimonium Chloride	Behentrimonium Chloride	10.00
Limnanthes Alba (Meadowfoam) Seed Oil	Meadowfoam Seed Oil XPR ^{* 4}	4.00
Raphanus Sativus (Daikon) Seed Extract	Daikon Seed Extract ⁴	2.00
Oryza Sativa (Rice) Bran Wax	Rice Bran Wax ⁵	8.00
Behenyl Alcohol (and) Polyglyceryl-3 Stearate	Kostol Natural E ⁵	3.00
Butyrospermum Parkii (Shea) Butter	Shea Butter ⁶	3.00
Phase C		
Saccharide Isomerate (and) Water	Pentavitin ⁷	0.50
	Total	100

*Meadowfoam Seed Oil and Meadowfoam Seed Oil XPR can be used interchangeably in this formulation.

Suppliers: ¹BASF/Ross Organics; ² Jarchem/LBBS; ³ Southern Chemical/LBBS; ⁴ Natural Plant Products; ⁵ Koster Keunen; ⁶ Olvea/LBBS; ⁷ DSM/LBBS

Procedure: Prepare phases A and B separately, heating to 75-80°C. Add B to A with moderate propeller stirring. Take off heat, cool to 40-45°C, add Phase C and pour into molds.

Stability: One month at 45°C.

Application Instructions: Rub shampoo bar between hands to create lather, or massage directly on wet hair. Lather well, rinse and follow with conditioner.

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