



ZERO-WASTE, WATERLESS SHAMPOO BAR

NO PLASTIC! This luxurious but gentle shampoo bar embraces both waterless and zero-waste trends. With two natural alternatives to synthetic emollients: **Meadowfoam Seed Oil** imparts a rich moisture to hair, and **Daikon Seed Extract** increases hair strength and shine. Plant-based, natural surfactants create a nice lather while gently cleaning hair.

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	Perlastan L 30 ²	5.00
Coco-Glucoside (and) Glyceryl Oleate	Lamesoft PO 65 ¹	3.00
Phase B		
Cetearyl Alcohol	Cetearyl Alcohol	35.00
Behentrimonium Chloride	Behentrimonium Chloride	10.00
Oryza Sativa (Rice) Bran Wax	Rice Bran Wax ³	8.00
Limnanthes Alba (Meadowfoam) Seed Oil	Meadowfoam Seed Oil or Meadowfoam XPR* ⁴	4.00
Butyrospermum Parkii (Shea) Butter	Shea Butter ⁵	3.00
Behenyl Alcohol (and) Polyglyceryl-3 Stearate	Kostol Natural E ³	3.00
Raphanus Sativus (Daikon) Seed Extract	Daikon Seed Extract ⁴	2.00
Total		100

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

Suppliers: ¹ BASF/Ross Organics; ² Schill and Seilacher/Ross Organics; ³ Koster Keunen; ⁴ **Natural Plant Products**; ⁵ Charkit Chemical Company

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 and pour into molds.

Stability: One month at 45°C.

Suggested Usage: 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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