

# Super Mild Shampoo Bar

HB-DE-22-RC-3085983-15

To significantly reduce your waste, your plastic consumption and only transport what you need to the beach a solid format is the answer. This super mild shampoo bar provides a creamy and rich foam which will leave your hair clean and nourish.

## Texapon® SFA UP Powder

A natural, innovative, very mild anionic surfactant suitable for solid zero waste rinse-off products.






## Dehyquart® Guar HP

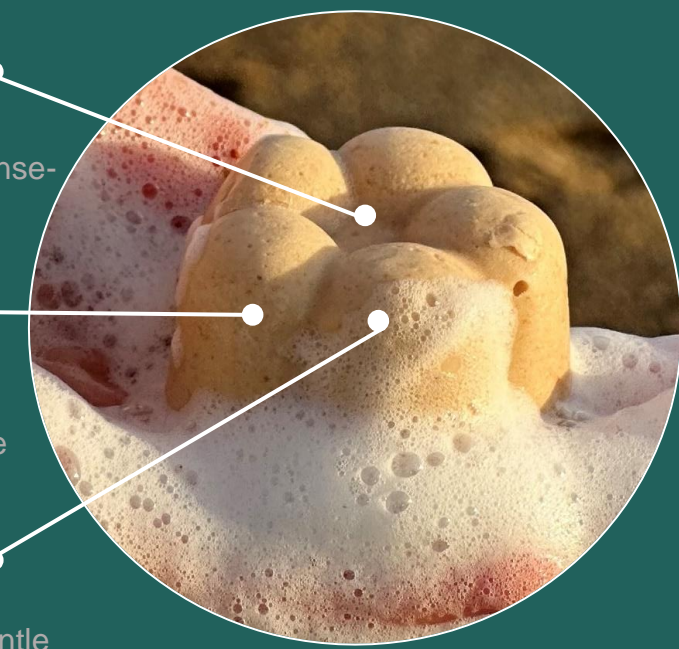
High Performance conditioning polymer derived from guar flour, with superior conditioning properties for all kind of rinse off formulations.

## Plantapon® SF-N

Exceptionally mild surfactant blend for gentle cleansing. It is ideal for alternative concepts to EO and sulfates containing surfactants.

## Main Claims

-  Alternative to sulfate surfactants.
-  Solid zero waste format.
-  Creamy and rich foam.
-  Made with 97.9% Natural Origin.
-  Excellent wet and dry combing work.



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Phase	Ingredients	INCI	% by weight	Function
A	<b>Texapon® SFA UP Powder</b>	Disodium 2-sulfolaurate	27.00	Surfactant
	Lanette® O	Cetearyl Alcohol	41.70	Consistency agent
	Cegesoft® HF 62	Hydrogenated Vegetable Oil	5.00	Consistency agent
	Saponin + ( <i>Lessonia</i> )	Camelia Oleifera seed extract	5.00	Active ingredient
B	Glycerin	Glycerin	2.00	Humectant
	Sodium Benzoate	Sodium Benzoate	0.50	Preservative
C	<b>Dehyquart® Guar HP</b>	Guar Hydroxypropyltrimonium Chloride	0.30	Conditioning agent
D	<b>Plantapon® SF-N</b>	Sodium Cocoamphoacetate, Glycerin, Lauryl Glucoside, Sodium Cocoyl Glutamate, Sodium Lauryl Glucose Carboxylate	15.00	Surfactant
	Citric Acid (50% solution)	Citric Acid	2.50	pH Adjustment
E	Perfume*	Fragrance	1.00	Fragrance

### Specifications

Appearance	Beige/brown
Perfume	Symrise Cotton Touch

### Manufacturing Process

Heat up phase A to 85°C. Add phase D + C and to phase B one by one. Add the mixed phase to phase A at 85°C. At least add phase E to the mixture at 85°C and fill into silicone mold and cool down to RT.

### Formulation Pearl



If Texapon SFA UP Powder gets the COSMOS approval, the formulation is COSMOS approved. Different liquid co-surfactants are suitable.

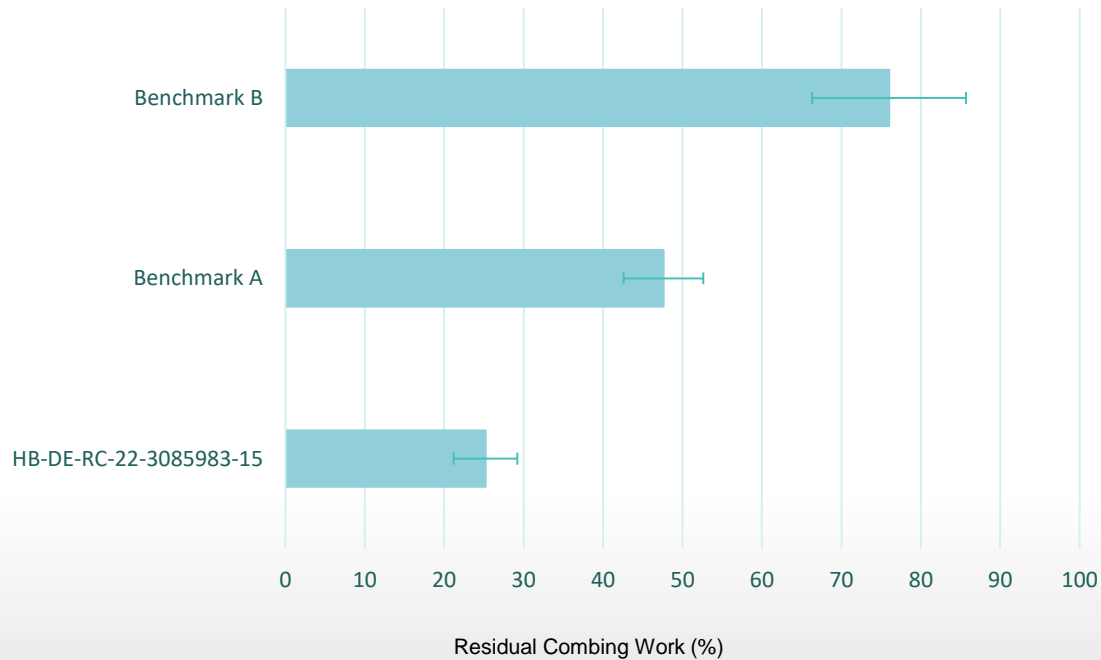
# Performance Evaluation

Super Mild Shampoo

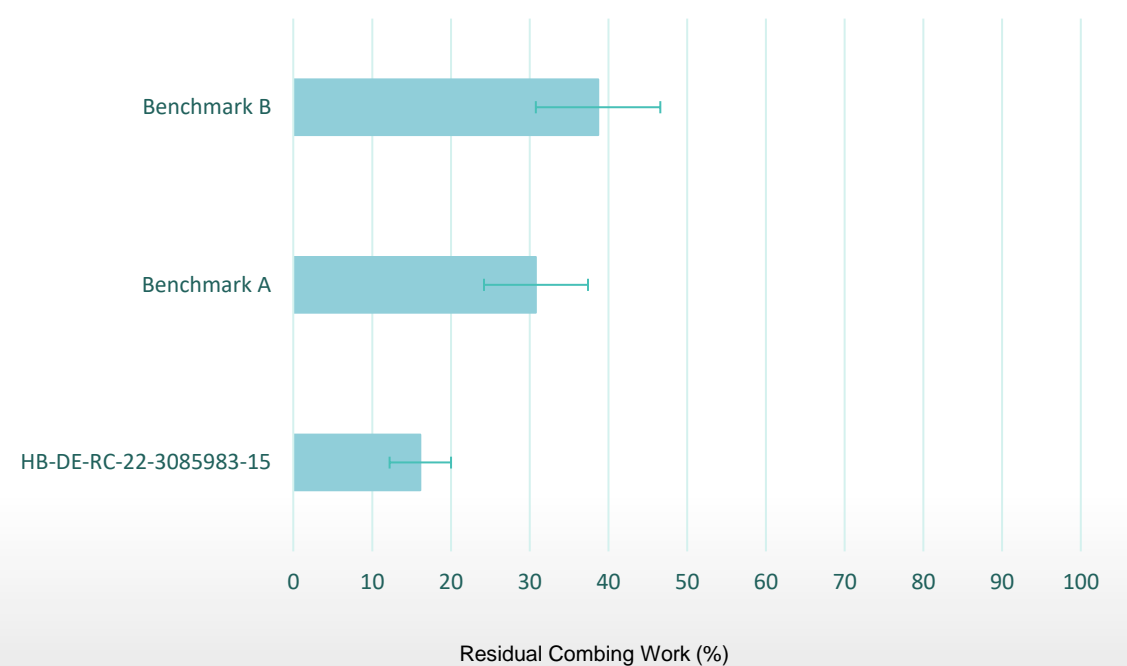
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Residual combing work test

## Wet combing



## Dry combing



Super Mild Shampoo has excellent combability properties for and wet and dry hair.