ZINBLOQ HAIR PROTECTION SHAMPOO

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Sulfate-free shampoo that cleans and treats the scalp, leaving it cleaner, free of oil and residue and providing protection to the hair against damage caused by the exposome. **How to use:** On damp hair, apply and massage the scalp and hair. Then rinse.

	TRADE NAME	INCI NAME	%	FUNCTION	SUPPLIER
A	Distilled water	Aqua	qsp	Vehicle	-
	Sodium Gluconate	Sodium Gluconate	0,10	Chelator	-
	Polyquaternium-10	Polyquaternium-10	4,00	Conditioning Agent	-
B	Vegetable glycerin	Glycerin	1,00	Humectant	-
	Polyquaternium-7	Polyquaternium-7	2,00	Conditioning Agent	-
C	PEG-150 Distearate	PEG-150 Distearate	1,00	Thickener	
	Coco glucoside	Coco glucoside	3,00	Non-ionic Surfactant	-
D	Cocamidopropyl Betaine	Cocamidopropyl Betaine	6,00	Amphoteric Surfactant	-
	Disodium Laureth Sulfosuccinate	Disodium Laureth Sulfosuccinate	20,00	Anionic Surfactant	-
E	**ACTIMULSI GA 20 BS**	***Acacia Senegal* Gum Extract, Sodium Benzoate and Potassium Sorbate**	**2,00**	**Alternative to Silicone for Hair, Anti-Inflammatory, Cuticle Alignment, Gloss, Repair, Softness, Soothing**	**ASSESSA**
	ALGAVITE	***Kappaphycus alvarezii* Extract, *Fucus vesiculosus* Extract, Glycerin, Sodium Benzoate and Potassium Sorbate**	**1,00**	**Reduction of Scalp Erythema, Reduction of Scalp Oiliness, Scalp Hydration**	**ASSESSA**
	ZINBLOQ	***Zingiber officinale* (Ginger) Root Extract, *Kappaphycus alvarezii* Extract, Algin, Sodium Benzoate and Potassium Sorbate**	**1,00**	**Protects Hair Cuticle, Maintains Lipid Surface Integrity, Preserves the Cortex, Increases Hair Gloss, Detangles Hair**	**ASSESSA**
F	Microcare SB	Aqua (and) Sodium Benzoate (and) Potassium Sorbate	1,00	Preservative	Thor
G	Fragrance	Parfum	0,50	Parfum	
H	Citric acid	Citric Acid	qs	pH adjustment	-

PROCEDURE: Add phase A to a container and start stirring until dissolved. Add phase B and mix well. Start heating to 70 - 80 °C. Then add phase C and mix until completely solubilization. Turn off the heating. Add phases D in order, one by one, with moderate stirring to avoid foaming. Homogenize for 10 minutes. Below 40 °C add phases E, one by one, homogenizing well. Then add phases F and G, respectively, with 5 min between each phase. Adjust the pH with phase H.

FORMULA SPECIFICATION:
- Viscosity: 2000 cps, spindle 5, torque 20
- pH: 5,0 - 5,3

This formulation was developed and tested in our laboratories with the ingredients and quantities described. This is a prototype intended to show raw materials capabilities. Assessa is not responsible for the use of this formula.

ASSESSA's raw materials:

ACTIMULSI GA20 is a natural multifunctional bioactive derived from the scarring exudate of Acacia senegal. In the shampoo it provides greater softness to the hair.

ALGAVITE is a bioactive with powerful immunomodulatory activity, made from selected red and brown marine algae, rich in biopolymers, polyphenols and trace elements, which stimulates the structural balance of the scalp and improves its vital functions, such as hydration, oil reduction and of scalp erythema.

ZINBLOQ protects hair from environmental damage by preserving the cuticle and reducing oxidative stress for stronger, healthier hair.