QUATTRO BS CURLY AND COILY HAIR CO-WASH

ASSESSA

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Light cleansing cream, specially made to leave hair more emollient and looser. Its greatest benefit is the power to condition while cleaning. It has active ingredients for scalp treatment, hair treatment and sanitizes the hair while preserving natural oil. **How to use:** Apply the product to the scalp, massaging well, then spread through the hair, then rinse thoroughly.

	TRADE NAME	INCI NAME	%	FUNCTION	SUPPLIER
A	Distilled water	Aqua	qsp	Vehicle	-
	Sodium Gluconate	Sodium Gluconate	0,10	Chelating	-
B	**CARBOGREEN QB**	**Zea Mays (Corn) Starch (and) Caesalpinia Spinosa Gum (and) Algin**	**2,00**	**Texture, glide, detangling and softness agent**	**ASSESSA**
C	Ceteareth-20	Ceteareth-20	1,00	Emulsifier	-
D	Behentrimonium Methosulfate	Behentrimonium Methosulfate	2,50	Conditioning	-
	Cetearyl Alcohol	Cetearyl Alcohol	4,00	Thickener	-
	Behentrimonium Chloride	Behentrimonium Chloride	1,00	Conditioning	Evonik
E	**PLUGIN GS**	**Helianthus Annuus Seed Extract, Isopropyl Palmitate, Hydrogenated Farnesene, Simmondsia Chinensis Seed Oil ,Salvia Hispanica Seed Extract, Tocopheryl Acetate**	**2,00**	**Alternative to Silicone D5, Shine, Softness, prevention of split ends**	**ASSESSA**
	Vitamin E	Tocopherol	0,10	Antioxidant	-
F	Cetrimonium Chloride (50%)	Cetrimonium Chloride	1,50	Emulsifier	-
G	Cocamidopropyl Betaine	Cocamidopropyl Betaine	5,00	Amphoteric surfactant	-
	ACTIMULSI GA 20 BS	**Acacia Senegal Gum Extract, Sodium Benzoate and Potassium Sorbate**	**2,00**	**Softness and tidiness of hair**	**ASSESSA**
H	**QUATTRO BS**	**Salvia hispanica (Chia) Seed Extract, Cyamopsis tetragonoloba (Guar) Gum, Simmondsia chinensis (Jojoba) seed oil, Lecithin, Glyceryl Stearate, Squalane, Sodium Benzoate and Potassium Sorbate.**	**1,00**	**Antifrizz, Shine, Softness, Combability, Hair Protection**	**ASSESSA**
	NUTLIX COCO BS	**Cocos Nucifera Fruit Juice, Cocos Nucifera Oil, Glyceryl Stearate, Lecithin, Xanthan Gum, Tocopheryl Acetate, Aqua, Sodium Benzoate and Potassium Sorbate**	**2,00**	**Hair Hydration**	**ASSESSA**
	ALGAVITE	**Kappaphycus Alvarezii Extract, Fucus Vesiculosus Extract, Glycerin, Sodium Benzoate and Potassium Sorbate**	**1,00**	**Scalp Hydration, Scalp Oil Reduction, Scalp Erythema Reduction**	**ASSESSA**
I	Microcare BS	Sodium Benzoate and Potassium Sorbate	1,00	Preservative	Thor
J	Fragrance Thor (30.20993)	Parfum	0,80	Parfum	Iberchem
K	Citric acid	Citric Acid	qs	pH adjustment	-

This formulation was developed and tested in our laboratories with the ingredients and quantities described. Formulation stability is in progress. This is a prototype intended to show raw materials capabilities. Assessa is not responsible for changes in formulation and stability that may occur due to adaptations without additional tests.

PROCEDURE: Add phase A to a container and mix until dissolved. Gradually add phase B at room temperature with pleasant, heated to 90 °C. With a temperature of 85 - 90°C, homogenize for 20 min with vigorous stirring. Add phase C and mix for 5 min. Add phase D and mix for 5 min. Add phase D and mix for 10 min. It starts to cool. At 70°C add phase F and stir for 5 min. Add phases G with moderate agitation to avoid foam formation. Below 40°C add phases H, I and J, respectively, with 5 min between each phase.
Adjust the pH with phase K.

FORMULA SPECIFICATION
- Viscosity: 4.000 - 10.000 cps (Brokifield RVT - Spindle 5/20 RPM)
- pH: 4,0 - 4,5

ASSESSA's raw materials:

THE CARBOGREEN PLATFORM allows us to make natural and biodegradable hydrogels with a unique sensory profile. Here, CARBOGREEN QB provides a light, creamy and smooth texture without weighing down the hair.

PLUGIN GS is a combination of sunflower, chia and jojoba oil fractions with a biomimetic composition similar to skin sebum and is a natural substitute for Silicone D5 in skin care formulas, providing a silky touch.

ACTIMULSI GA20 is a natural multifunctional bioactive derived from the scar exudate of Acacia senegal, which improves the sensorial properties of formulas, providing a soft touch.

QUATTRO BS is an active ingredient obtained from the combination of chia seed fractions, liquid waxes, medium chain fatty acid monoesters and other essential lipids. Chia (Salvia Hispanica) contains film-forming polysaccharides, triglycerides rich in polyunsaturated fatty acids and essential lipids that provide lubrication and conditioning, combined with proteins that help in the formation of an adhesive film on the cuticle, improving the tension-strain properties of the strands.
Designed for curly hair (hair types 3 and 4), provides a delicate treatment for this specific type of hair, adding softness to the fiber, with light conditioning, frizz control, regenerates the hair structure, protects the fibers from dryness and preserves their natural oils.

NUTILIX COCO BS is a perfectly balanced combination between a selected fraction of ecological coconut water and extra-virgin organic coconut oil, creating an exclusive product that hydrates the hair. Tests have shown that NUTLIX COCO retains 19% more water in the hair fiber when compared to virgin coconut oil.

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.