CLIMATE ADAPTATIVE SHIELD FACE AND NECK NIGHT SERUM WITH MANJAR

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Creamy facial fluid with a light texture, providing a pleasant sensory sensation. Developed to leave skin soft, smooth, velvety and provide intense hydration while you sleep. How to use: Apply to clean face and neck. Massage gently until fully absorbed. Do not rinse.

	TRADE NAME	INCI NAME	%	FUNCTION	SUPPLIER
A	Distilled water	Aqua	qsp	Vehicle	-
	Sodium Gluconate	Sodium Gluconate	0.10	Chelator	-
B	**CARBOGREEN QB**	**Zea Mays (Corn) Starch (and) Caesalpinia Spinosa Gum (and) Algin**	**1.00**	**Texture, Velvety and Soft Sensorial, Viscosity Controller**	**ASSESSA**
	CARBOGREEN EO	**Cyamopsis tetragonoloba (Guar) Gum, Tapioca Starch, Oryza sativa**	**0.50**	**Texture, Soft and Nourishing Sensorial, Viscosity Controller**	**ASSESSA**
	Vegetable Glycerin	Glycerin	5.00	Humectant	-
C	Emulgade® Verde 10MS	Polyglyceryl-10 Stearate	4.00	Emulsifier	BASF
	Cetearyl Alcohol	Cetearyl Alcohol	1.00	Thickener	-
	PLUGIN GS	***Helianthus Annuus* Seed Extract, Isopropyl Palmitate, Hydrogenated Farnesene, *Simmondsia Chinensis* Seed Oil, *Salvia Hispanica* Seed Extract, Tocopheryl Acetate**	**5.00**	**Alternative to Silicone D5, Spreadability, Sensorial**	**ASSESSA**
	Caprylic/Capric Triglyceride	Caprylic/Capric Triglyceride	5.00	Emollient	-
	Vitamin E	Tocopherol	0.10	Antioxidant	-
D	Microcare SB	Aqua (and) Sodium Benzoate (and) Potassium Sorbate	1.00	Preservative	Thor
E	**ACTIMULSI GA20 BS**	***Acacia senegal* Gum Extract, Sodium Benzoate and Potassium Sorbate**	**2.00**	**Softness and Soothing**	**ASSESSA**
	MANJAR	**Aqua, Prunus domestica Fruit Extract, Cocos nucifera Fruit Extract, Sodium Benzoate, Potassium Sorbate**	**3.00**	**Adaptive protection against thermal stress**	**ASSESSA**
F	Fragrance Lili (30.30598)	Parfum	0.50	Parfum	Iberchem
G	Citric Acid	Citric Acid	qs	pH adjustment	-

PROCEDURE: Add phase A to an appropriate container and stir until fully dissolved. In a separate container, pre-homogenize phase B. Gradually add phase B at room temperature under vigorous stirring. Heat the mixture to 85 °C and maintain vigorous stirring for 20 minutes. Then, slowly incorporate phase C while keeping the temperature at 85 °C, and continue stirring vigorously for 10 minutes. Begin the cooling process, put moderate stirring. When the temperature drops to 40 °C, add phases D, E, and F with a 5-minute interval between each addition. Finally, adjust the pH using phase G.

FORMULA SPECIFICATION:
- Viscosity: 1500 - 3000 cps, spindle 4, torque 20
- pH: 5.0 - 5.5
- Natural Index ISO 16128: 99,2%

The formulation was developed and tested in our laboratories using the specified ingredients and percentages. Assessa is not responsible for changes that may occur due to modifications made without further testing. It is the client's responsibility to verify the stability of the formula to ensure its safety and compliance with the laws and patents applicable in the country where the finished product will be used.

ASSESSA's raw materials:

CARBOGREEN PLATFORM allows us to make natural and biodegradable hydrogels with a unique sensory profile. In this formula, CARBOGREEN QB and CARBOGREEN EO are used to create a serum with an creamy, shiny, and structured emulsion, while maintaining a light texture. Upon application, the skin feels hydrated, soft, nourished, and velvety.

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.

MANJAR is a Climate-Response Active that trains your skin to thrive. By shifting from passive surface hydration to permanent biological resilience, it ensures your skin remains constant in an inconstant world. MANJAR is a bio-adaptive active ingredient designed to rebuild the skin’s structural architecture. It is a fusion of Green Coconut Jelly (Endocarp), rich in polysaccharides and essential amino acids, and Hydrolyzed Plum Pulp, densely packed with uronic acids, polyphenols, and fruit acids.