GDTN 19F-12
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SHOWER MOUSSE ABR-SC-005-19

The Shower Mousse was inspired on the elegant turkish bath, with a rich and creamy texture and high foaming volume. By using this formulation it is possible to transform bathing in a unique sensory experience. It contains **AMILITE**® GCK-12H, a surfactant derived from glycine, which is the main compound of human collagen. This surfactant provides a mild and effective cleanse and a thick an creamy foam, without leaving a dry feeling on skin.

	Trade name	INCI Name	wt %	Function
A	Deionized Water	Aqua	q.s.p. 100.00%	Vehicle
	Versene™ Na2 Crystals *1	Disodium EDTA	0.10	Chelating Agent
	Glycerin *2	Glycerin	2.00	Humectant
B	Benecel™ K200M *3	Hydroxypropyl Methylcellulose	0.40	Film former
C	**AMILITE**® GCK-12H	Potassium Cocoyl Glycinate (and) Potassium Cocoate (and) Aqua (30%)	8.00	Mild Anionic Surfactant
	Plantaren® 2000 N UP *4	Decyl Glucoside (50%)	4.00	Nonionic Surfactant
D	Cetiol® HE *4	PEG-7 Glyceryl Cocoate	2.00	Emollient
	Alkalan MC *5	Cocamide MEA	1.50	Nonionic Surfactant / Re-greasing Agent
	Sharomix™ BEG *6	Ethyhexylglycerin (and) Phenoxyethanol	0.80	Preservative
E	Eumulgin® CO 40 *4	PEG-40 Hydrogenated Castor Oil	0.70	Solubilizer
	Fragrance Damasco T17007881 *7	Parfum	0.30	Fragrance
F	Citric Acid *8	Aqua (and) Citric Acid (40%)	0.10	pH Adjustment
		Total	**100.00**	

1* Dow Chemical, *2 Química Anastácio, *3 Ashland, *4 BASF, *5 AQIA, 6* Sharon, *7 Takasago, *8 Volp

<PROCEDURE>

1. Mix Phase A ingredients.

2. Heat 1/3 of Phase A at 80°C. Add Benecel™ K200M to Phase A and stir for 10min. Under stirring, slowly add the remaining 2/3 of Phase A (the colder it it, the easier to solubilize). Cool down to 25°C by stirring. Keep stirring for 45min or until it is homogeneous. Adjust stirring speed if necessary.

3. In a separate beaker, mix Phase C components and add them to the main phase under stirring until it is homogeneous

4. Mix Phase D components in a separate beaker. Heat it up to 50°C until it is completely solubilized. Heat the main phase up to 50°C. Add Phase D to the main phase under stirring.

5. Mix Phase E components in a different beaker. Cool down the main phase to 45°C and add Phase E to the main phase under stirring until it is homogeneous.

6. Adjust the pH with Phase F and add to the packaging (90 bulk / 10 propellant).

<PHYSICAL PROPERTIES and STABILITY>

Appearance: Low viscosity liquid, clear, colorless

pH: 7.6-7.8

Stability: 5°C, 25°C and 45°C for 3 months; 50°C for 1 month