



HAIR CARE

EU07543 | CARING SHAMPOO



Creamy Shampoo

High quantity of oil

Soft & Shiny hair



Solution

A	Aqua/Water	Up to 100%
B	SEPIMAX ZEN™	0.70%
C	MONTANOV™ S	1.00%
	EMOSMART™ V21	2.00%
D	Sodium Laureth Sulfate	20.00%
	AMONYL™ 380 BA	15.00%
E	Phenoxyethanol	0.90%
	CAPIGEL™ 98	2.00%
	Sodium Hydroxyde 10%	0.82%

Creamy Solution / Packaging: Tube

pH: 6.72

VISCOSITIES: 1M at RT: 93,300 mPa.s Brookfield LV4-6.**STABILITY:** 1M at RT & 45°C.**FORMULATION ADVICES: Laboratory scale - Rotor Stator - Propeller**

Heat phase A at 80°C, then add SEPIMAX ZEN™ under stirring, a gel is created (10 min). Heat phase C at 80°C and add it into phase (A+B) under agitation. Let the mixture cools down, and add the surfactants system at room temperature. Be careful do not lather the blend with the viscosity decrease following the surfactants inclusion. Then, add phase E, and check the pH.

This creamy shampoo cleans and softens hair thanks to a high quantity of oil.

This rich shampoo pleasant to use with a fine foam, leaves hair soft & shiny!

EMOSMART™ V21, a biodegradable emollient, is a sensorial & functional alternative to silicone oils which brings softness & shine to hair.

(C18-21 Alkane)

High-purity, non polar & biodegradable emollient. It shows an excellent compatibility with all types of oils. Inert & stable, it can be used in all types of applications, **even in extreme conditions** (pH, oxidizing/reducing media...).

MONTANOV™ S allows the incorporation of high oil quantity in the shampoo & stabilizes it. *(Cocoglucoside - Coconut Alcohol)*
Glucolipid co-emulsifier in harmony with nature.

The association of **SEPIMAX ZEN™ & CAPIGEL™ 98** efficiently thicken the foaming formula & stabilizes 2% of oily phase.

SEPIMAX ZEN™ *(Polyacrylate Crosspolymer-6):*

Powder polymer with a MAXIMUM resistance to electrolytes thanks to its high associative behavior. Stable from pH 2 to 8, it enables the creation of formulas with a specific **skin feeling**, included foaming formulas: **rich, velvety & elegant.**

CAPIGEL™ 98 *(Acrylates Copolymer):*

Ready-to-use thickening liquid polymer that creates **high viscosity in aqueous media** following neutralization (pH> 6.5). It also produces **perfectly clear gels with a good resistance to electrolytes & polar solvents.**

AMONYL™ 380 BA participates to the creation of fine foam stable over time. *(Coco Betaine)*

ADDITIONAL INGREDIENTS: Sodium Laureth Sulfate: TEXAPON NSO UP (AMI CHIMIE) / Phenoxyethanol: MICRO CARE PE (THOR) / NaOH 10% solution (MERCK CHIMIE).

More informations available on seppic.com**SEPPIC**

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