



• **Transparent hair gel**

• **Packaging: pot**

• **Original fragrance**

• **Colored and translucid formula**

• **Synergy between both of polymers' properties:**

- **SEPI NOV™ EMT10 ensures a good pick-up**
- **CAPIGEL™ 98 allows to keep the price for less**



EU07135 - 0912

Formula

A	Aqua/Water	Up to 100 %
	Polyvinylpyrrolidone	3,00 %
	SEPI NOV™ EMT10	1,00 %
B	CAPIGEL™ 98	2,00 %
	Aqua/Water	20,00 %
C	Triethanolamine	Up to pH 7,2
D	Alcool Denat.	5,00 %
	Chlorphenesin	0,30 %
	Vp/Methacrylamide/Vinyl Imidazole Copolymer	15,00 %
E	Propylene glycol	1,00 %
	SEPICIDE™ LD	1,00 %
F	Parfum/Fragrance	0,30 %
	Colorant/dye	0,45 %

Procedure

(DUMEK – Rotor-stator – 2kg)

Incorporate the water of phase A into the main tank – Start mixing and sprinkle Polyvinylpyrrolidone in the main batch – Homogenize for 3 minutes. Sprinkle SEPI NOV™ EMT 10 into the main tank – Homogenize for 5 minutes. Mix well after each addition in order to obtain a smooth gel. In a separate vessel, combine the solution B – Add it onto the gel – Homogenize for 5 minutes. Check the pH of the formula and adjust it if necessary. In other vessel, solubilize chlorphenesin in the alcohol under magnetic stirring. Add the solution and the other ingredients of Phase D into the main batch – Homogenize for 3 minutes.

Add each phase E and F, one after the other and mix well, the first for 3 minutes and the other for 8 minutes.

Characteristics

Appearance	perfumed, clear brown gel
pH at M1 RT	7.0
Viscosity at M1 RT	160,000 mPa.s BROOKFIELD RV7 speed 5
Viscosity after 1 month at 45°C	66,700 mPa.s BROOKFIELD RV7 speed 5
Viscosity recovery at RT (after 1 month at 45 °C)	180,000 mPa.s BROOKFIELD RV7 speed 5
Stability	> M1 at RT and 45°C

SEPI NOV™ EMT10

Hydroxyethyl Acrylate/Sodium Acryloyldimethyl Taurate Copolymer

Powder polymer « 2 in 1 », thickening in a wide pH range (3 to 10), ready for use, with an excellent emulsifying and stabilizing power at low concentration. The chemical structure of Sepinov™ EMT10 guarantees a tremendous compatibility with specific actives. Besides, its supple texture ensures an easy pick up.

CAPIGEL™ 98

Acrylates Copolymer

Capigel™ 98 is a liquid thickener used beyond pH 7. Capigel™ 98 is particularly used to thicken systems which are low-concentrated in surfactant, such as products for babies and intimate hygiene gels. It also provides a good resistance to electrolytes and polar solvents. Capigel™ 98 allows to obtain clear and colorless skincare gels.

SEPICIDE™ LD

Phenoxyethanol

Preservative

Other raw materials...

- Polyvinylpyrrolidone: **PVP K-90 (ISP)**
- VP/Methacrylamide/Vinyl Imidazole Copolymer: **Luviset Clear (BASF-Laserson)**
- Triethanolamine: aqueous solution up to 100%
- Brown coloring agent: **Brown 16 (WARNER JENKINSON)**
- Bleu roi coloring agent: **ref. W6010 (LCW)**
- Fragrance: **Cola drink réf. RS9416 (TECHNICO FLOR)**