

# FRESH AND POWDERY AFTER-SHAVE ALCOHOL-FREE



- Blue cream-gel
- Packaging: tube
- Alcohol-free formula which though provides the freshness of a alcoholic formula
- Powdery touch given by the presence of Micropearl MHB-R at low concentration
- Cool process



EU07072 - 0801

## Formula

<b>A</b>	Aqua/Water	Up to 100 %
	<b>SEPINOV™ EMT10</b>	1,50 %
<b>B</b>	<b>MICROPEARL™ MHB-R</b>	1,00 %
	<b>AQUAXYL™</b>	2,00 %
	CI42090	0,07 %
<b>C</b>	Cyclopentasiloxane	3,00 %
	Methylisothiazolinone & Phenoxyethanol	0,50 %
	Parfum/Fragrance	0,15 %
<b>D</b>	Disiloxane	17,00 %
	Triethanolamine	Up to pH = 5

## Procedure

### (Pilot – Trimix – 5 kg)

Incorporate the water into the main tank and add Sepinov EMT 10 while stirring. When the gel is made add the phase B ingredients on to the gel and keep stirring. When the mixture is homogeneous add phase C ingredients. Make sure the cream gel is homogeneous before adding the remaining ingredients. Add the Disiloxane by fraction and stir well after each addition. At the end adjust the pH to 5-5.5 with the neutraliser.

## Characteristics

Appearance	Blue Cream-gel
pH	4.9
Viscosity at RT	73,600 mPa.s BROOKFIELD LV4 sp.6
Viscosity after 1 month at 45°C	55,000 mPa.s BROOKFIELD LV4 sp.6
Viscosity recovery at RT (after 1 month at 45 °C)	57,200 mPa.s BROOKFIELD LV4 sp.6
Stability	> M1 at RT and 45°C Stable 1 month after freeze-thaw cycles -5°C/+40°C Stable after centrifugation 20' at 3000 rpm at RT and 45°C

## Raw materials from SEPPIC

### SEPINOV™ 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.

### MICROPEARL™ MHB-R

#### Methyl Methacrylate Crosspolymer

Ultra-soft hollow and ultra light microspheres that impart a "powdery" effect at low use doses (0.1%). They are easy to use as they are dispersible either in the oil phase or in the aqueous phase, this property allows formulators to make very powdery formulations containing low level of oily materials.

### AQUAXYL™

#### Xylitylglucoside and Anhydroxylitol and Xylitol

Aquaxyl™ moisturizes and restructures the skin by harmonizing the hydric flow of the skin. Water reserves are instantly boosted and water loss is reduced (in vitro and in vivo tests prove this efficacy).

## Other raw materials...

- Disiloxane: **Si-Tec DM 0.65 (ISP)**
- Cyclopentasiloxane: **Dow Corning 245 Fluid (Dow Corning)**
- Fragrance: **Taxi Ginger ref RS12079 (Technico Flor)**
- CI42090: **Bleu Roi W6010, 1% aqueous solution (LCW)**
- Methylisothiazolinone & Phenoxyethanol: **NEOLONE™ PE (Rohm & Haas)**