



- Tinted cream gel
- Packaging: bottle

· Simulgel™ EG provides a light and non-greasy texture.

· Rich, powdery and satiny feel provided by Sepifeel™ One coupled with Micropearl™ M305.

· Proteol™ OAT helps to increase the wettability of the pigments which enable homogeneous scattering in the formula.



**Formula**

	Aqua/Water	10,00 %
	Butylene Glycol	4,00 %
	PEG-400	4,00 %
<b>A</b>	Titanium Dioxide	2,00 %
	Iron Oxide Yellow	0,80 %
	Iron Oxide Red	0,30 %
	Iron Oxide Black	0,05 %
	<b>PROTEOL™ OAT</b>	1,50 %
	Isononyl Isononanoate	4,00 %
	Caprylic Capric Triglyceride	4,00 %
<b>B</b>	<b>SEPIFEEL™ ONE</b>	1,00 %
	<b>SIMULGEL™ EG</b>	3,00 %
	Cyclomethicone	4,00 %
	Aqua/Water	Up to 100 %
<b>C</b>	<b>MICROPEARL™ M305</b>	2,00 %
	Tetrasodium EDTA	0,05 %
	<b>CAPIGEL™ 98</b>	0,50 %
<b>D</b>	Aqua/Water	10,00 %
	Sodium Hydroxyde	Up to pH = 7
	<b>SEPICIDE™ HB</b>	0,30 %
<b>E</b>	Imidazolidinyl Urea	0,20 %
	Parfum/Fragrance	0,20 %

**Procedure (Silverson)**

Crush the pigment phase with a glass bead grinder (prepare excess to take losses into account). Melt the SEPIFEEL in the esters and then dilute the SIMULGEL A in this mixture and add the cyclomethicone (B). Disperse the MICROPEARL into the water with the EDTA (C) then generate the gel by mixing (B) and (C). Dilute the CAPIGEL into the water (D), add this mixture to the gel then neutralize to pH 7-7.2 using the sodium hydroxide. Finally add the pigment phase (A) followed by the component of D. Adjust final pH if necessary.

**Characteristics**

Appearance	cream
pH	7.2
Viscosity	43,000 mPa.s BROOKFIELD LV4 sp.6
Stability	stable at RT/40/50°C control of a film on a bristol board: homogeneous if fillers and pigments are well dispersed.

**Raw materials from SEPPIC**

**SEPIFEEL™ ONE**

*Palmitoyl Proline / Magnesium Palmitoylglutamate /Sodium Palmitoyl Sarcosinate*

Enhances the product texture and reduces its "damp" feel without making it greasy. Leaves a long-lasting film which contributes to maintain the powdery quality of the formulation.

**CAPIGEL™ 98**

*Acrylates Copolymer*

CAPIGEL™ 98 is a liquid thickener used beyond pH 7. Capigel™ 98 is particularly suitable for use together with Simulgel™ EG to generate smooth, soft, shiny tinted creams.

**SIMULGEL™ EG**

*Sodium Acrylate / Acryloyldimethyl Taurate Copolymer and Isohexadecane and Polysorbate 80*

An easy-to-use thickening and emulsifying agent which gives gel creams a silky smooth texture. It is easy to apply and rapidly absorbed by the skin.

**MICROPEARL™ M305**

*Methyl Methacrylate Crosspolymer*

Consisting of smooth, ultra-soft microspheres that do not dry out the skin, Micropearl™ M305 gives emulsions and gel-creams a slightly powdery feel. The greater the percentage of Micropearl™ M305, the more pronounced the powdery feel is. Due to its excellent hydrodispersibility, Micropearl™ M305 can be used in 10 to 15% concentrations with no problem of dispersion or agglomeration. Micropearl™ M305 also contributes to the matifying effect of the formula by eliminating the phenomena of specular reflection.

**PROTEOL™ OAT**

*Sodium Lauroyl Oat Aminoacids*

An oat aminoacid based surfactant which is used here as a wetting agent for pigments and fillers.

**SEPICIDE™ HB**

*Phenoxyethanol & Methylparaben & Ethylparaben & Propylparaben & Butylparaben*

Preservative

**Other raw materials...**

- PEG-400: **LUTROL E400 (BASF)**
- Iron oxide yellow: **SICOVIT yellow 10 E172 (BASF)**
- Iron oxide red: **SICOVIT red 30 E172 (BASF)**
- Iron oxide black: **SICOVIT (BASF)**
- Titanium dioxide: **Anatase titanium dioxide USP (WHITTAKER)**
- Cyclomethicone: **DC345 (DOW CORNING)**
- Fragrance: **BEAUTY X010.494 (QUEST)**