



LONG-WEARING FOUNDATION



Cream Gel



- · 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 %
Α	Titanium Dioxyde	2,00 %
	Iron Oxyde Yellow	0,80 %
	Iron Oxyde Red	0,30 %
	Iron Oxyde Black	0,05 %
	PROTEOL™ OAT	1,50 %
	Isononyl Isononanoate	4,00 %
	Caprylic Capric Triglyceride	4,00 %
В	SEPIFEEL™ ONE	1,00 %
	SIMULGEL™ EG	3,00 %
	Cyclomethicone	4,00 %
	Aqua/Water	Up to 100 %
C	MICROPEARL™ M305	2,00 %
	Tetrasodium EDTA	0,05 %
	CAPIGEL™ 98	0,50 %
D	Aqua/Water	10,00 %
	Sodium Hydroxyde	Up to $pH = 7$
E	SEPICIDE™ HB	0,30 %
	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 crear 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.

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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 oxyde yellow: SICOVIT yellow 10 E172 (BASF)
- Iron oxyde red: SICOVIT red 30 E172 (BASF)
- Iron oxyde black: SICOVIT (BASF)
- Titanium dioxyde: Anatase titanium dioxyde USP (WHITTAKER)
- Cyclomethicone: DC345 (DOW CORNING)
- Fragrance: **BEAUTY X010.494 (QUEST)**