



CREME GEL ULTRA-NATURAL FINISH 6755B

Formula

A	• Aqua/Water	10.00 %
	• Butylene glycol	4.00 %
	• PEG-400	4.00 %
	• PECOSIL PS100 (Dimethicone copolyol PEG-7 phosphate - PHOENIX)	1.50 %
	• Sodium hydroxyde	qs pH7
	• Titanium dioxide	2.00 %
	• Iron oxyde yellow	0.80 %
	• Iron oxyde red	0.30 %
	• Iron oxyde black	0.05 %
B	• Isononyl isononanoate	4.00 %
	• Caprylic capric triglyceride	4.00 %
	• SEPIFEEL ONE (Palmitoyl proline / Magnesium palmitoylglutamate / Sodium palmitoyl sarcosinate - SEPPIC)	1.00 %
	• SIMULGEL EG (Sodium acrylate/acryloyldimethyltaurate copolymer and Isohexadecane and Polysorbate 80 - SEPPIC)	3.00 %
	• Cyclomethicone	4.00 %
C	• Aqua/Water	QS 100%
	• MICROPEARL M305 (Methylmethacrylate crosspolymer - SEPPIC)	2.00 %
	• Tetrasodium EDTA	0.05 %
D	• SEPICIDE HB (Phenoxyethanol/Methylparaben/Ethylparaben / Propylparaben/Butylparaben - SEPPIC)	0.30 %
	• SEPICIDE CI (Imidazolidinyl urea - SEPPIC)	0.20 %
	• Fragrance	0.20 %

Procedure

Blend the liquid components of A together and adjust the pH to 7 before introducing the minerals. 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 EG in the oils and add the cyclomethicone (B). Disperse the MICROPEARL into the water with the EDTA (C) then generate the gel by mixing (B) and (C). Add the pigment phase (A) followed by the components of D. Adjust the final pH if necessary.



Comments

SEPIFEEL ONE	Enhances the texture of the product and reduces its "damp" feel without making it greasy. Leaves a long-lasting film which helps maintain the powdery quality of the formulation..
MICROPEARL M305	A non-drying powder which readily disperses in water to make tinted creams more spreadable and give them a satin-like feel. For a more powdery quality, the concentration of MICROPEARL M305 can be increased. By suppressing specular reflection phenomena, MICROPEARL M305 imparts a matte finish to the formula.
SIMULGEL EG	An easy-to-use thickening and emulsifying agent which gives gel creams with a silky smooth texture but which are nevertheless easy to apply and rapidly absorbed into the skin.

Characteristics

Appearance	lotion
pH	7.1
Viscosity	6000 BROOKFIELD LV S3 6rpm mPa.s
Stability	stable at RT/40°C/50°C and after freeze-thaw cycles -5/+40°C stable after centrifugation 20' 3000rpm control of a film on a bristol card: homogenous if fillers and pigments are well dispersed.

Notes

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 dioxide: Anatase titanium dioxide USP (WHITTAKER)
Cyclomethicone: DC345 (DOW CORNING)
Fragrance: BEAUTY X010.494 (QUEST)

6755B - SEPPIC – A0001

Since the proposed formulation has not undergone a toxicological study, the handling and use of the proposed products are given as an indication only and in no way bind SEPPIC's responsibility.