



TINTED CREAM GEL SOFT TEXTURE 6808B

Formula

A	• Water	10.00 %
	• Butylene glycol	4.00 %
	• PEG-400	4.00 %
	• Dimethicone copolyol PEG-7 phosphate	1.50 %
	• Sodium hydroxyde	QS pH=7
	• 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 %
	• Cyclomethicone	4.00 %
C	• Water	QS 100%
	• SEPIGEL 305 (Polyacrylamide / C13-14 isoparaffin / Laureth-7 - SEPPIC)	3.00 %
D	• Tetrasodium EDTA	0.05 %
	• SEPICIDE HB (Phenoxyethanol/Methylparaben/Ethylparaben /Propylparaben/Butylparaben - SEPPIC)	0.30 %
	• SEPICIDE CI (Imidazolidinyl urea - SEPPIC)	0.20 %
	• Fragrance	0.20 %

Procedure

Mix the liquid ingredients in phase A, then adjust the pH to approximately 9 before adding the pigments. Grind this pigment phase using a bead grinder (prepare a quantity greater than that theoretically required due to losses). Prepare the SEPIGEL 305 aqueous gel then add the oily phase under turbulent agitation (marine propeller, butterfly). It is possible to refine the oil dispersion at this stage, by mixing with a rotor stator. Then add the EDTA, preservatives, fragrance and the ground pigment phase.



Comments

SEPIGEL 305	Thickening and emulsifying agent in liquid form. Very easy to use (no predispersion or neutralization). SEPIGEL 305 can be used to emulsify all types of oil phase without heating, producing gel-creams with a rich, silky texture that are easy to apply and rapidly absorbed by the skin.
PECOSIL PS100	Co-emulsifier with an excellent dispersing capacity with respect to mineral powders.

Characteristics

Aspect	tinted gel
pH	7.1
Viscosity	54,000 BROOKFIELD LV M4 6rpm mPa.s
Stability	stable at room temperature/40/50 and after freeze-thaw cycles -5/+40°C stable when centrifuged 20' 3000rpm control of good pigment dispersion by spreading on card

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)
Dimethicone copolyol PEG-7 phosphate : PECOSIL PS100 (PHOENIX – distribution by SEPPIC in some countries – ask us)
Isononyl isononanoate (distribution by SEPPIC in some countries – ask us)
Titanium dioxyde: Anatase titanium dioxyde USP (WHITTAKER)
Cyclomethicone: DC345 (DOW CORNING)
Parfum/Fragrance: LIANE X018433 (QUEST)

6808B – SEPPIC – A0104B

Since this formula has not been the object of a toxicological study, the use and handling of the products proposed is purely indicative and SEPPIC accepts no responsibility for their use by another party.