



## TINTED CREAM GEL FRESH MELTING TEXTURE 6808A

### Formula

<b>A</b>	• Water	10.00%
	• Butylene glycol	4.00%
	• PEG-400	4.00%
	• Dimethicone PEG-7 phosphate	1.50%
	• Sodium hydroxide	q.s. pH=7
	• Titanium dioxide	2.00%
	• Iron oxide yellow	0.80%
	• Iron oxide red	0.30%
• Iron oxide black	0.05%	
<b>B</b>	• Isononyl isononanoate	4.00%
	• Caprylic capric triglyceride	4.00%
	• Cyclomethicone	4.00%
<b>C</b>	• Water	Q.S. 100%
	• <b>SIMULGEL NS</b> ( <i>Hydroxyethylacrylate/sodium acryloyldimethyl taurate copolymer &amp; squalane &amp; polysorbate 60 - SEPPIC</i> )	4.00%
<b>D</b>	• Tetrasodium EDTA	0.05%
	• SEPICIDE HB ( <i>Phenoxyethanol/Methylparaben/Ethylparaben /Propylparaben /Butylparaben - SEPPIC</i> )	0.30%
	• SEPICIDE CI ( <i>Imidazolidinyl urea - SEPPIC</i> )	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 SIMULGEL NS 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

#### SIMULGEL NS

Thickening and emulsifying agent in very easy to use liquid form (no pre-dispersion or neutralization). SIMULGEL NS emulsifies all types of oily phases without heating: cream gels with a fresh texture that melts on contact with



the skin are obtained. It leaves a feeling of velvety softness. SIMULGEL NS easily stabilizes mineral additives. The appearance of the emulsion or the cream gel remains smooth and homogeneous over time

## Characteristics

Appearance	tinted cream
pH	7.1
Viscosity	56,000 BROOKFIELD LV M4 6rpm mPa.s
Stability	stable at room temperature /40/50 and at freeze-thaw cycles of -5/+40°C stable at centrifugation for 20 minutes at 3000 rpm control of good pigment dispersion by spreading on card

## Comments

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)  
Dimethicone 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 dioxide: Anatase titanium dioxide USP (WHITTAKER)  
Cyclomethicone: DC345 (DOW CORNING)  
Fragrance: LIANE X018433 (QUEST)

## 6808A – SEPPIC – A0110A

***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.***