



SELF-TAN GEL-CREAM FACE & BODY 6820

Formula

• Water	Q.S. 100%
• Dihydroxyacetone	5.00%
• SIMULGEL NS (<i>Hydroxyethylacrylate/sodium acryloyldimethyl taurate copolymer & squalane & polysorbate 60- SEPPIC</i>)	2.00%
• Cyclomethicone	4.00%
• Dimethicone	2.00%
• SIMULSOL PG 711 (<i>PPG11 stearyl ether - SEPPIC</i>)	4.00%
• SEPICIDE HB (<i>Phenoxyethanol/Methyl paraben/Ethyl paraben/Propyl paraben/Butylparaben - SEPPIC</i>)	0.80%
• Fragrance	0.10%

Procedure

Dissolve the DHA in all the water then add the SIMULGEL NS under turbulent mechanical agitation (1400 rpm - 10 minutes). Gradually add the oily phase, maintaining agitation. Once the gel is homogeneous, add the preservative and the fragrance. Turbulent agitation is maintained throughout production.

Comments

SIMULGEL NS

Thickening and emulsifying agent in very easy to use liquid form (no pre-dispersion or neutralization). Compatible with extreme pH values and strongly oxidizing media. SIMULGEL NS emulsifies all types of oily phases without heating: cream-gels with a fresh texture that melt on contact with the skin are obtained. It leaves a soft velvety afterfeel.

SIMULSOL PG711

Emollient. Substitute for paraffin oil.

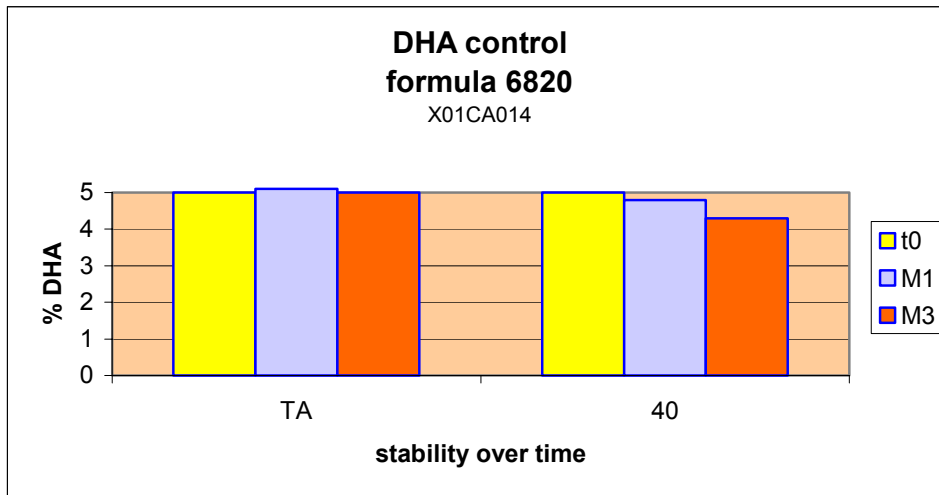
Characteristics

Appearance	fluid opaque gel
pH	4
Viscosity	40,000 mPa.s BROOKFIELD LV4 6 rpm
Stability	stable at room temperature/40/50 and at thermal cycles of -5/+40°C Stable after centrifugation at 50°C for 20 min at 3000 rpm



Assessment

DHA control



Comments

Fragrance: NINA X018.434 (QUEST)
Dimethicone: DC200/350 (DOW CORNING)
Cyclomethicone: DC345 (DOW CORNING)

6820 – SEPPIC – A0105

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.