



MELTING & MOISTURISING SELF- TANNING BODY MILK 7051 INTERNAL DATA

This melting, self-tanning body milk is cold processed. It uses raw materials which are liquid at room temperature.

FLUIDANOV 20X, a multi-functional ingredient, provides emolliency, whiteness and stability to cream-gels.

Formula

A	<ul style="list-style-type: none">WaterDihydroxyacetone	Up to 100% 2.50%
B	<ul style="list-style-type: none">SIMULGEL™ INS 100 (<i>Hydroxyethylacrylate/Sodium Acryloyldimethyl Taurate Copolymer and Isohexadecane and Polysorbate 60 - SEPPIC</i>)	1.10%
C	<ul style="list-style-type: none">IsohexadecaneOctyldodecanolCyclopentasiloxaneDimethicone and DimethiconolFLUIDANOV™ 20X (<i>Octyldodecanol and Octyldodecyl Xyloside - SEPPIC</i>)SEPICIDE™ HB (<i>Phenoxyethanol and Methylparaben and Ethylparaben and Propylparaben and Butylparaben - SEPPIC</i>)GlycerineFragrance	8.40% 0.60% 4.00% 2.00% 0.30% 1.00%
	<ul style="list-style-type: none">Lactic Acid 12%	3.00% 0.30% 0.03%

Procedure of Manufacture (Pilote – Dumek – 2kg)

Solubilise Dihydroxyacetone into water. When the solution is homogeneous, add Simulgel INS 100 and stir until the gel is done.

Combine phase C ingredients together in a separate vessel and add it to the main batch while stirring. When the mixture is smooth add the lactic acid.

Comments

FLUIDANOV™ 20 X	An original extra-Fluid xylolipidic emulsifier that is easy to use. In cream-gel formulation, Fluidanov™ 20X provides whiteness and stability. It can also be used as a co-emulsifier in water in oil emulsion.
SIMULGEL™ INS 100	Thickening and emulsifying agent in very easy to use liquid form (no pre-dispersion or neutralization). Provides a sensation of freshness followed by a melting effect on contact with the skin. It leaves a feeling of velvety softness. SIMULGEL INS 100 perfectly stabilizes emulsions against high temperatures. SIMULGEL INS 100 easily stabilizes mineral

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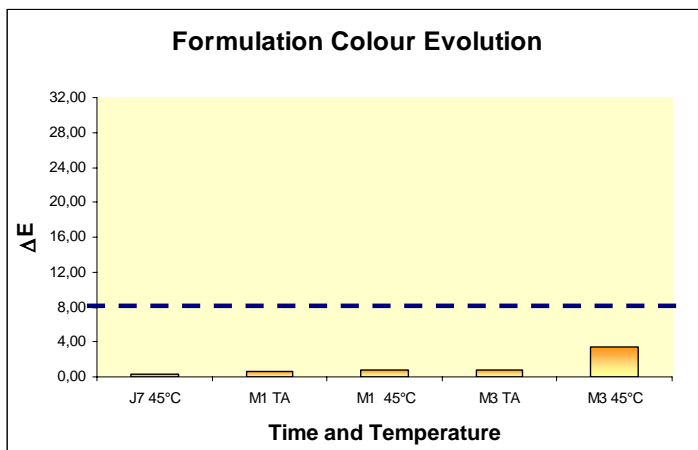


additives. The appearance of the emulsion remains smooth and homogeneous over time. Compatible with extreme pH values and highly oxidizing media. SIMULGEL INS 100 emulsifies all types of oily phases without heating: cream gels with a fresh texture that melts on contact with the skin are obtained. . SIMULGEL INS 100 is particularly adapted to emulsify oils in fluid formulation.

Characteristics

Appearance	White fluid cream-gel
pH	4.0
Viscosity after 1 month at RT	13,000 mPa.s BROOKFIELD LV3 v 6 rpm
Viscosity after 1 month at 45°C	8,200 mPa.s BROOKFIELD LV3 v 6rpm
Recovery viscosity at RT (after 1 month at 45°C)	11,140 mPa.s BROOKFIELD LV3 v 6rpm
Stability	> 1 month at RT and 45°C Stable 1 month after freeze-thaw cycles -5°C/+40°C Stable after centrifugation 20' at 3000 rpm at RT and 45°C Stable 18 hours at -18°C

Evaluation :



Notes

Octyldodecanol : ISOFOL 20 (Sasol)
Cyclopentasiloxane : Dow Corning 245 Fluid (Dow Corning)
Dimethicone and Dimethiconol : Dow Corning 1503 (Dow Corning)
Fragrance : PARFUM VERTE VALLEE REF RS12267 (Technico Flor)

7051 – SEPPIC – 0801

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.

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