



MAKE-UP REMOVING SOFT EMULSION FOR WIPES 7040B

FLUIDIFEEL™ 50 and SIMULGEL™ FL allow to formulate easily fluid emulsions for wipes with a soft touch, a perfect stability and a simple process (one pot)

Formula

A	• Water	30.00 %
B	• FLUIDIFEEL™ 50 (<i>Cetearyl alcohol & coconut alcohol and cetearyl glucoside - SEPPIC</i>)	10.00 %
	• Mineral oil	10.00 %
	• SIMULGEL™ FL (<i>Hydroxyethylacrylate/sodium acryloyldimethyl taurate copolymer & Isohexadecane & polysorbate 60 - SEPPIC</i>)	0.50 %
C	• SEPICIDE™ HB (<i>Phenoxyethanol & Methylparaben & Ethylparaben & Propylparaben & Butylparaben - SEPPIC</i>)	1.00 %
	• Water	QSP 100%

Procedure (batch : 7kg – Mixing equipment : TRIMIX)

Different process are allowed. Here we have used a process with a concentrated emulsion. Introduce 30% water in the main tank then add successively, while mixing, FLUIDIFEEL™ 50, oil and SIMULGEL™ FL. Mix with a simple propeller at 3000 rpm for 10'. Introduce then the preservative then the remaining water into this concentrated primary emulsion and keep stir for 5' more. If necessary put vacuum to remove air.

Comments

FLUIDIFEEL™ 50

Glucolipid emulsifier-texturizer of vegetable origin in liquid form. It can be used at room temperature and over a wide range of pH. FLUIDIFEEL™ 50 allows to develop extra-fluid emulsions ideal, but not only, for wet wipe impregnation. In addition to its sensorial quality, specific of glucolipids, FLUIDIFEEL™ 50 improves the cleansing performances of make-up removing wet wipes and allows to reduce % of oil phase. It's recommended to combine FLUIDIFEEL™ 50 with SIMULGEL™ FL for a perfect stability of the emulsions.

SIMULGEL™ FL

Ready-to-use HSD polymer in liquid form (no dispersion, no neutralization). It can be used at room temperature and over a wide range of pH by simple dilution in water under low shear. At low use level, SIMULGEL™ FL allows to stabilize and texturize extra-fluid formulations including those which contain electrolytes and preservatives. SIMULGEL™ FL is ideal, amongst other things, for wet wipe impregnation. For make-up removing wet wipes, it's recommended to combine it with FLUIDIFEEL™ 50 in order to boost their cleansing property.

SEPICIDE™ HB

Isobutyl paraben free preservative

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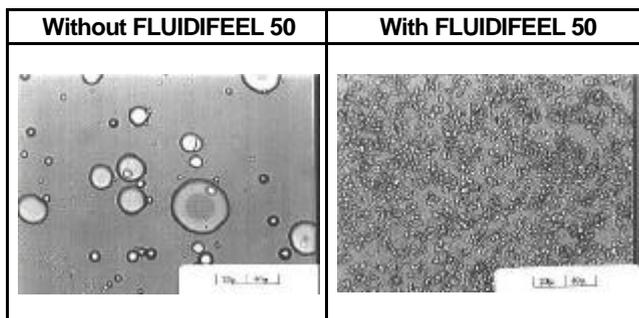


Characteristics

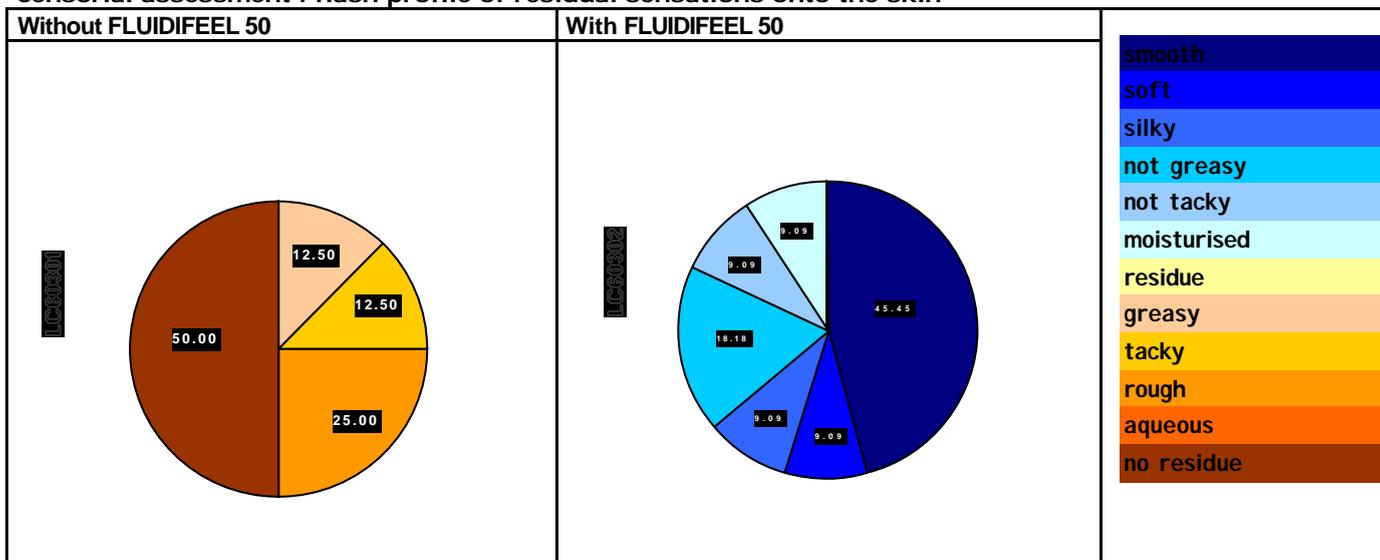
Appearance	white fluid emulsion
pH	5.6
Viscosity at room temp.	1,100 mPa.s BROOKFIELD LV2 6rpm
Viscosity after 1 month at 45°C	500 mPa.s BROOKFIELD LV2 6rpm
Viscosity recovery at room temp.(after 1 month 45°C)	1,210 mPa.s BROOKFIELD LV2 6rpm
Stability	> M1 at room temp and 45°C > M1 after freeze thaw cycles -5 / +40°C <1% creaming when centrifuged at 3000 rpm for 20'

Assessment

Microscopic examination :



Sensorial assessment : flash profile of residual sensations onto the skin



Notes : Mineral oil : Primol 352 (EXXON)

7040B – SEPPIC – 0603

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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