



## SOFT SKIN-CARE WIPES 7044

**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

<b>A</b>	• Water	25.00 %
	• <b>SIMULGEL™ FL</b> ( <i>Hydroxyethylacrylate/sodium acryloyldimethyl taurate copolymer &amp; Isohexadecane &amp; polysorbate 60 - SEPPIC</i> )	0.50 %
	• Cetearyl isononanoate	5.00 %
	• Diisopropyl adipate	5.00 %
<b>B</b>	• Chlorphenesin	0.20 %
	• Methyl paraben	0.22 %
	• Ethyl paraben	0.08 %
	• Eau	5.00 %
<b>C</b>	• Fragrance	0.20 %
<b>D</b>	• <b>FLUIDIFEEL™ 50</b> ( <i>Cetearyl alcohol &amp; coconut alcohol and cetearyl glucoside - SEPPIC</i> )	5.00 %
<b>E</b>	• Water	Up to 100%

### Procedure (batch : 7kg – Mixing equipment : TRIMIX+ defloculating stirrer)

Different process are allowed. Here we have used a process with a concentrated emulsion. Introduce 25% water in the main tank then add successively SIMULGEL™ FL & oils and mix with the defloculating stirrer at 3000 rpm for 10'. Introduce then the preservatives (solubilized), the fragrance into this concentrated primary emulsion and mix with the defloculating stirrer at 3000 rpm for 5'. Then introduce FLUIDIFEEL™ 50 and mix again with the defloculating stirrer at 3000 rpm for 5'. Finally add remaining water while mixing. 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.

SEPPIC SA  
33(0) 1 40 62 55 55

Givaudan Lavitrotte SA  
33(0) 4 78 61 55 00

SEPPIC Inc  
1 973 882 5597

SEPPIC China  
86(21) 64 66 01 49

SEPPIC UK Ltd  
44 208 577 8800

SEPPIC GmbH  
49(0) 220 3890 3100

SEPPIC Italia Srl  
39 02 38009110

SEPPIC Belgium NV  
32 3 250 3911



## SIMULGEL™ FL

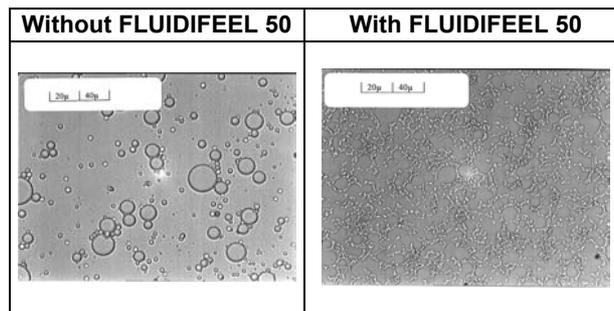
Ready-to-use HSD polymer in liquid form (no dispersion, no neutralization). It can be used at room temperature and over a wide range of pH by simple dilution in water under low shear. At low use level, SIMULGEL™ FL allows to stabilize and texturize extra-fluid formulations including those which contain 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.

## Characteristics

Appearance	white fluid emulsion
pH	5.0
Viscosity at room temp.	900 mPa.s BROOKFIELD LV2 6rpm
Viscosity after 1 month at 45°C	700 mPa.s BROOKFIELD LV2 6rpm
Viscosity recovery at room temp.(after 1 month 45°C)	800 mPa.s BROOKFIELD LV2 6rpm
Stability	> M1 at room temp and 45°C > M1 after freeze thaw cycles -5 / +40°C <5% creaming when centrifuged at 3000 rpm for 20'

## Assessment

### Microscopic examination :



### Notes :

Cetearyle isononanoate: DUB IN1618 (DUBOIS)  
Diisopropyle adipate : DUB DIPA (STEARINERIE DUBOIS)  
Fragrance : PARADISE 462155 (SYMRISE)

## 7044 – SEPPIC – 0607

***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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