EU07073

SKINFEEL REFERENCE FOR MONTANOV™

O/W Emulsion

Formula

		EU07073A	EU07073B	EU07073C	EU07073D
A	Aqua/Water	Qsp 100 %	Qsp 100 %	Qsp 100 %	Qsp 100 %
B	**LANOL™ 99**	10,00 %	10,00 %	10,00 %	10,00 %
	MONTANOV™ 68	3,00 %	-	-	-
	MONTANOV™ 202	-	3,00 %	-	-
	MONTANOV™ 82	-	-	3,00 %	-
	MONTANOV™ L	-	-	-	3,00 %
C	**SIMULGEL™ INS 100**	1,00 %	1,00 %	1,00 %	1,00 %
D	**SEPICIDE™ HB**	0,30 %	0,30 %	0,30 %	0,30 %
	Imidazolidinyl Urea	0,20 %	0,20 %	0,20 %	0,20 %

Procedure

(Pilot – DUMEK – 2 kg)

Weigh the water in the main vessel, heat it up to 80°C. In a separate vessel, combine phase B ingredients (except from the Simulgel INS 100) and heat the phase up to 80°C. When it is melted add the Simulgel INS 100. Add phase B onto phase A and homogenize. When the formula is homogeneous, start cooling down. At 45°C, add phase D.

Characteristics

	EU07073A	EU07073B	EU07073C	EU07073D
Appearance	white and smooth emulsion			
pH	6,1	6,1	6,1	6,1
Viscosities: BROOKFIELD LV4 sp.6				
Viscosity at RT	35,000 mPa.s	30,000 mPa.s	16,000 mPa.s	28,000 mPa.s
Viscosity after 1 month at 45°C	12,000 mPa.s	31,000 mPa.s	-	20,000 mPa.s
Viscosity recovery at room temp.*(after 1 month 45°C)*	31,000 mPa.s	35,000 mPa.s	-	29,000 mPa.s
Stability	M1 at TA - 45°C Stable after M1 of freeze/thaw cycles -5 / +40°C Stable after centrifugation 20' at 3000 rpm			

Raw materials from SEPPIC

MONTANOV™ RANGE
Glucolipid emulsifier in harmony with nature.

MONTANOV™ 68
Cetearyl Alcohol and Cetearyl Glucoside
It can be used to formulate rich, smooth textures with any type of oil phase. In combination with the other grades of the Montanov™ range, it can be used to modulate the texture and flexibility of the emulsions as desired. Montanov™ 68 can promote liquid crystals according to the emulsion diagram, creating water reservoirs within the emulsion to maintain skin moisturizing. Montanov™ 68 offers the possibility to formulate without additional stabilizers.

MONTANOV™ 202
Arachidyl Alcohol & Behenyl Alcohol & Arachidyl Glucoside
Their matt effect prevents skin from glossy and fatty aspect. Thanks to liquid crystals which contain water, Montanov™ 202 contributes to keep skins moisturized.

MONTANOV™ 82
Cetearyl alcohol & Coco-Glucoside
Stable emulsions can be formulated with only 1% Montanov™ 82. Montanov™ 82 is especially well-suited for formulations with a high concentration of active ingredients. In combination with the other grades of the Montanov™ range, it can be used to modulate the texture and flexibility of the emulsions as desired. Montanov™ 82 is useful to obtain thick lotions with rich and smooth texture.

MONTANOV™ L
C14-22 Alcohols & C12-20 Alkyl Glucoside
Montanov™ L is really useful to synthesize fluid formulas no matter the nature or the quantity of fatty phase used. It allows to stabilize emulsions, and has a strong moisturizing power since it promotes liquid crystals which prevent the skin from dehydration (efficacy proven in vivo).

SIMULGELTM INS 100
Hydroxyethyl Acrylate / Sodium Acryloyldimethyl Taurate Copolyler & Isohexadecane & Polysorbate 60
This compound is in the form of liquid, and is ready-for-use. It is a thickening agent which stabilizes all types of oily phases. It can be used in a wide range of pH (3 to 11), and for the development of all types of consistencies: sprays, ultra-fluid to thick ones. It gives to the formulas a fresh and melting texture.

LANOL™ 99
Glycol Palmitate
Texturing agent which is very easy to emulsify. It provides a soft and light texture and is easy to spread.

SEPICIDE™ HB
Phenoxyethanol & Methylparaben & Ethylparaben & Propylparaben & Butylparaben
Preservative