

EU07073

SKINFEEL REFERENCE FOR MONTANOV™

O/W Emulsion

Formula		EU07073A	EU07073B	EU07073C	EU07073D
A	Aqua/Water	Qsp 100 %	Qsp 100 %	Qsp 100 %	Qsp 100 %
В	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 %
с	SIMULGEL [™] INS 100	1,00 %	1,00 %	1,00 %	1,00 %
D	SEPICIDE™ HB	0,30 %	0,30 %	0,30 %	0,30 %
$\overline{\ }$	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

Appearance	EU07073A	EU07073B white and smooth	EU07073C	EU07073D	
pH Viscosities: BROOKFIELD LV4 sp.6	6,1	6,1	6,1	6,1	
Viscosity at RT Viscosity after 1 month at 45°C Viscosity recovery at room temp.(after 1 month 45°C)	35,000 mPa.s 12,000 mPa.s 31,000 mPa.s	30,000 mPa.s 31,000 mPa.s 35,000 mPa.s	16,000 mPa.s - -	28,000 mPa.s 20,000 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				

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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

MontanovTM 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

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