



ANTIPOLLUTION MATTIFYING FLUID FOUNDATION LONG WEARING 6859A

Formula

A	• Water	20.00 %
	• Butylene glycol	4.00 %
	• PEG-400	4.00 %
	• PECOSIL PS100 (Dimethicone copolyol PEG-7 phosphate - PHOENIX)	1.00 %
	• Tromethamine	qs pH=7
	• Titanium dioxide	10.00 %
	• Talc	2.00 %
	• Iron oxyde yellow	0.90 %
	• Iron oxyde red	0.30 %
	• Iron oxyde black	0.05 %
B	• SENSANOV WR (C20-22 Alkyl phosphate and C20-C22 alcohols - SEPPIC)	1.00 %
	• SIMULSOL 165 (Glyceryl stearate and PEG-100 stearate - SEPPIC)	2.00 %
	• Isostearyl isostearate	10.00 %
	• Ethylhexyl palmitate	10.00 %
C	• Water	QSP 100%
	• Xanthan gum	0.15 %
	• Tetrasodium EDTA	0.05 %
	• MICROPEARL M201 (Methylmethacrylate crosspolymer - SEPPIC)	3.00 %
	• MANOLIVA (Manganese gluconate & olive extract - SEPPIC)	3.00 %
D	• SIMULGEL EG (Sodium acrylate/acryloyldimethyltaurate copolymer and Isohexadecane and Polysorbate 80 - SEPPIC)	0.50 %
E	• SEPICIDE HB (Phenoxyethanol/Methylparaben/Ethylparaben /Propylparaben /Butylparaben - SEPPIC)	0.30 %
	• SEPICIDE CI (Imidazolidinyl urea - SEPPIC)	0.20 %
	• Fragrance	0.10 %

Procedure

Blend liquid components of A then adjust pH to 7 before introduction of pigments. Grind this pigment phase using a bead grinder (prepare a quantity greater than that theoretically required due to losses).

Melt phase B at 80°C.

In the main tank, disperse the xanthan gum into the warm water (80°C); keep heat and add Tromethamine - MICROPEARL M201 - EDTA - MANOLIVA and finally pigment phase A (blend with a paddle type mixer). Introduce the fatty phase (B) and start homogenizing (rotor stator 5' 3000 rpm 7kg TRIMIX). Stop heating and add SIMULGEL EG while continuously homogenizing for 5' more. Gradually cool and finally add the ingredients of E at around 30°C. Adjust the final pH if necessary.

SEPPIC SA
33(0) 1 40 62 55 55

Givaudan Lavirotte 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



Comments

SENSANOV WR	Versatile phosphate anionic emulsifier effective at low dosage (1 to 3%) Provides a feeling of lightness followed by the sensation of a matt velvety veil which slowly envelops the skin. Finally SENSANOV emulsions leaves the skin supple with a long lasting sensation of comfort. Ideal for makeup products, SENSANOV WR is able to emulsify a high percentage of fillers keeping a perfectly smooth texture.
SIMULSOL 165	Self emulsifying base.
MICROPEARL M201	Consisting of absorbent, ultra-soft and hydrodispersible microspheres, MICROPEARL M201 has extra-fine granulometry that makes it useful in obtaining fluid or sprayable powdery formulas.
SIMULGEL EG	Thickening and emulsifying agent in liquid form. Very easy to use (no predispersion or neutralization). SIMULGEL EG perfectly stabilizes emulsions against high temperatures. It provides rich, silky texture that are easy to apply and rapidly absorbed by the skin.
MANOLIVA	Combination of active olive polyphenols and manganese gluconate, MANOLIVA offers the skin a new "life force" to fight the ravages of pollution. Its exceptional anti-radical activity means that it strengthens the cutaneous shield by preventing the induction of stress and by stimulating cell survival. Ideal active ingredient for antipollution and anti-ageing care products.
PECOSIL PS100	A co-emulsifier with high dispersing power. It is useful as a pigment-dispersing agent in make-up formulas.
SEPICIDE HB SEPICIDE CI	Preservatives

Characteristics

Apperance	tinted fluid emulsion
Viscosity	approx. 8 000 mPa.s BROOKFIELD LV3 6rpm
pH	approx. 6.2
Stability	stable at room temperature /40/50°C and after freeze-thaw cycles -5 / +40°C Stable when centrifuged 20' 3000rpm 50°C

Assessment

Coverage : 99.5% (Method 57CO043)

Notes

PEG-400 : LUTROL E400 (BASF)
Iron oxyde yellow: SICOVIT yellow 10 E172 (BASF)
Iron oxyde red: SICOVIT red 30 E172 (BASF)
Iron oxyde black: SICOVIT (BASF)
Titanium dioxyde USP (WITTAKER)
Talc: LUZENAC 000C (LUZENAC)
Fragrance: NINALIX X012822 (QUEST)
Xanthan gum : KELTROL T (KELCO)
Isostearyl isostearate et Ethylhexyl palmitate (supplied by SEPPIC in some countries – please ask us)

6859A– SEPPIC – A0310

Since the proposed formulation has not undergone a toxicological study, the handling and use of the proposed products are given as an indication only and in no way bind SEPPIC's responsibility.

SEPPIC SA
33(0) 1 40 62 55 55

SEPPIC Inc
1 973 882 5597

SEPPIC UK Ltd
44 208 577 8800

SEPPIC Italia Srl
39 02 38009110

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

SEPPIC China
86(21) 64 66 01 49

SEPPIC GmbH
49(0) 220 3890 3100

SEPPIC Belgium NV
32 3 250 3911