



**W/SI EMULSION
THICKENING EFFECT WITH SEPIFEEL ONE
6866**

Formula

		Blank	6866A	6866B
	<i>Dose de SEPIFEEL ONE</i>	0%	0.5%	1.0%
A	• Cyclopentasiloxane & dimethicone copolyol	20.00 %	20.00 %	20.00 %
	• Cyclomethicone	10.00 %	10.00 %	10.00 %
	• SEPICIDE HB (<i>Phenoxyethanol / Methylparaben / Ethylparaben / Propylparaben / Butylparaben - SEPPIC</i>)	0.30 %	0.30 %	0.30 %
	• Fragrance	0.05 %	0.05 %	0.05 %
B	• Water	-	40.00 %	40.00 %
	• SEPIFEEL ONE (<i>Palmitoyl proline / Magnesium palmitoyl glutamate / Sodium palmitoyl sarcosinate - SEPPIC</i>)	-	0.50 %	1.00 %
	• TEA	-	0.07 %	0.15 %
C	• Water	QSP 100%	QSP 100%	QSP 100%
	• SEPICIDE CI (<i>Imidazolidinyl urea - SEPPIC</i>)	0.20 %	0.20 %	0.20 %
	• Glycerin	5.00 %	5.00 %	5.00 %
	• Sodium chloride	2.00 %	2.00 %	2.00 %

Procedure

Introduce the silicon oils into the main tank. Prepare separately B at 50°C. Introduce residual water (non heated) in B and all the ingredients in C. Begin to add progressively the aqueous phase onto A with a moderate rate of shear. When all ingredients have been added, start the homogenizer for 20' at 3000rpm (TRIMIX / 6kg).

Comments

SEPIFEEL ONE

SEPIFEEL ONE increases the viscosity and thickness of water in silicon emulsions while decreasing oily feel. Thus SEPIFEEL improves comfort of use.



Characteristics

	Blank	6866A	6866B
Viscosity BROOKFIELD LV 6rpm Stability	19,000 Stable at TA Oily separation after 3 m at 40°C	41,000 Stable at TA/40°C	>100,000 Stable at TA/40°C

VERY IMPORTANT: as viscosity of water in silicon emulsions is highly correlated to applied shear and in order to be reliable, the above trials are comparative in process (manufacture, mixing equipment, batch's size).

Notes

Cyclopentasiloxane & dimethicone copolyol : DC5225C (DOW CORNING)

Cyclomethicone : DC345 (DOW CORNING)

Fragrance : POUCE G92.30802 (ROBERTET)

6866 - SEPPIC – A0201

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.