



FIRMING SPRAY 6774A

Formula

A	<ul style="list-style-type: none">• Aqua/Water• NaOH 24%	QSP 100% 0.30%
B	<ul style="list-style-type: none">• SEPILIFT DPHP (<i>Dipalmitoyl hydroxyproline - SEPPIC</i>)• Isononyl isononanoate	1.00% 3.00%
C	<ul style="list-style-type: none">• CAPIGEL 98 (<i>Acrylates Copolymer - SEPPIC</i>)• Eau	1.30 % 10.00 %
D	<ul style="list-style-type: none">• SEPICIDE HB (<i>Phenoxyethanol/ Methylparaben/ Ethylparaben/ Propylparaben/ Butylparaben - SEPPIC</i>)• SEPICIDE CI (<i>Imidazolidinyl urea - SEPPIC</i>)• Parfum/Fragrance	0.30% 0.20% 0.10%

Procedure

Heat the aqueous phase (A) to 75-80°C. Melt SEPILIFT separately in the ester (B). Add B to A followed by diluted CAPIGEL. Emulsify to 60°C. Start cooling at 60°C with planetary stirring and add the ingredients of D at around 30°C

Comments

SEPILIFT DPHP Liposoluble hydroxyproline carrier of plant origin. With its anti-wrinkle effect, it moisturises and softens the marks of time (efficacy proven in vivo). Firms tissue by stimulating collagen fibre contraction, protects dermal fibres against enzymatic lysis and shows an anti-radical action. Intrinsic emulsifying properties.

CAPIGEL 98 CAPIGEL 98 is a liquid thickener efficient à pH7. Thanks to its shear thinning behaviour, CAPIGEL 98 is particularly useful to formulate sprayable lotions or gels.

Characteristics

Appearance	fluid emulsion
Viscosity	approx. 20,000 cps BROOKFIELD LV4 6rpm
pH	approx. 7
Stability	Stable at AT/40/50 Stable after freeze-thaw cycles -5/+40°C Stable when centrifuged 20' 3000 rpm



Assessment

Rheological study: estimated viscosity under a high shear rate (around 2000 to 5000 s ⁻¹)	15 to 20 mPa.s (Flow curve - cône 4cm 2°- 25°C) Thanks to that very low viscosity in high shear rate range (corresponding to the rate applied by spray nozzle), the sprayability of that formulation is excellent.
Sprayability test (57CO036)	5000 mm ²

Notes

Parfum/Fragrance: JULIE (DRAGOCO)

6774A - SEPPIC- A0011

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.