



PROTECTIVE HAIR SPRAY 6942

Formula

A	<ul style="list-style-type: none">WaterMONTANOV™ L (C14-22 alcohol and C12-20 alkylglucoside - SEPPIC)	40.0 % 2.0 %
B	<ul style="list-style-type: none">Ethyl hexyl methoxycinnamate - <i>octinoxate</i>CyclomethiconeSIMULGEL™ NS (Hydroxyethylacrylate/sodium acryloyldimethyl taurate copolymer & squalane & polysorbate 60 - SEPPIC)	3.0 % 5.0 % 0.5 %
C	<ul style="list-style-type: none">PROMOIS S700SIG (Hydrolyzed silk PG-propyl methylsilanediol - supplied by SEPPIC)	1.0 %
D	<ul style="list-style-type: none">Water	Up to 100%
E	<ul style="list-style-type: none">SEPICIDE™ HB (Phenoxyethanol/Methylparaben/Ethylparaben /Propylparaben /Butylparaben - SEPPIC)EUXYL™ K700 (Phenoxyethanol & Benzoic acid & Potassium sorbate & tocopherol - SCHULKE & MAYR)Tocopherol acetateFragranceLactic acid	0.2 % 0.2 % 0.2 % 0.3 % QS pH=5.5

Procedure

Dipperse Montanov™ L in a part of water. Heat to 75°C with moderate stir and continue to mix while heating for 30'. Ad the premix B then the ingredient C and start homogenization (rotor stator) for 4' (7kg trimix). Start to cool and introduce the second part of water at 60°C. Homogenize again for 4'. Make vacuum and cool down to 30°C. Add ingredients in E and check final pH.

Comments

MONTANOV L

Glucolipid emulsifier in harmony with nature. MONTANOV L is especially useful to produce fluid formulas whatever the type or quantity of oil phase used. MONTANOV L has a shear-thinning profile that is stable over time and well-adapted to the formulation of sprayable emulsions. It offers easy stabilization in the presence of hydrosoluble active ingredients that are rich in electrolytes. MONTANOV L can promote liquid crystals according to the emulsion diagram, creating water reservoirs within the emulsion to help maintain skin and hair moisturization.

PROMOIS S700SIG

Silk protein based silicone. PROMOIS S700SIG protects hair from sun damage.

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SIMULGEL NS

Thickening and emulsifying agent in very easy to use liquid form (no pre-dispersion or neutralization). Compatible with extreme pH values and highly oxidizing media. SIMULGEL NS is particularly adapted to emulsify oils in fluid formulation.

Characteristics

Appearance	fluid white emulsion
pH	5.5
Viscosity	800 mPa.s BROOKFIELD LV 6rpm
Stability	>M1 at room temperature -40°C - 50°C Stable after freeze-thaw cycles -5/+40°C

Notes

Fragrance : fleur de frangipanier rs1190 (TECHNICOFLOR)

Cyclomethicone : DC345(DOW CORNING)

PROMOIS S700SIG (SEIWA KASEI, supplied by SEPPIC in some countries, ask us)

6942 – SEPPIC – 0404

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.

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