



SUNLESS TANNING EMULSION 6618

Formula

A	<ul style="list-style-type: none">• MONTANOV 68 (<i>Cetearyl alcohol & Cetearyl glucoside - SEPPIC</i>)• Isononyl isononanoate• octyl paramethoxycinnamate	5.00 % 15.00 % 3.00 %
B	<ul style="list-style-type: none">• water• dihydroxyacetone• sodium phosphate	qs 5.00 % 0.20 %
C	<ul style="list-style-type: none">• SEPIGEL 305 (<i>Polyacrylamide/C13-14 isoparaffin/Laureth-7 - SEPPIC</i>)	0.50 %
D	<ul style="list-style-type: none">• SEPICIDE HB (<i>Phenoxyethanol/Methylparaben/Ethylparaben /Propylparaben/Butylparaben - SEPPIC</i>)• fragrance• NaOH	0.80 % 0.30 % qs PH=5

Procedure

Melt the oily phase at 70°C and heat the aqueous phase (B) to the same temperature. Emulsify B into A or A into B. Add SEPIGEL at 60°C. Maintain a sufficient shear rate until the emulsion is cooled down to 30°C. At 30°C introduce the constituents of D. If necessary adjust the pH.

Comments

MONTANOV 68 A glucolipid emulsifier of vegetable origin which is compatible with DHA. It gives onctuous creams with a unctuous texture. It emulsifies a wide variety of oils and of active ingredients. MONTANOV 68 spontaneously produces liquid crystals within emulsions. They improve emulsion stability and help in maintaining natural skin moisture.

SEPIGEL 305 A gelling/emulsifying polymer which is compatible with DHA. It comes in a very easy-to-handle liquid form.

SEPICIDE HB Preservative.



Characteristics

Appearance	white emulsion
pH	approx. 5
Viscosity	30,000 mPa.s BROOKFIELD LV S4-6 rpm
Stability	stable at room temperature - 40°C - 50°C stable to freeze thaw cycles -5°C/+40°C stable after centrifugation at 50°C

Notes

octyl paramethoxycinnamate : ESCALOL 557 (ISP)
dihydroxyacetone (MERCK)
sodium phosphate (BUDDENHEIM)
fragrance: RAJAH G92.34010 (ROBERTET)

6618 - SEPPIC - A9501

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.