



## SELF TANNING LIGHT EMULSION 6963

### Formula

<b>A</b>	<ul style="list-style-type: none"><li>• Dihydroxyacetone</li><li>• Aqua / Water</li></ul>	5.0 % 6.0 %
<b>B</b>	<ul style="list-style-type: none"><li>• <b>MONTANOV™ 202</b> (<i>Arachidyl alcohol and Behenyl alcohol and Arachidylglucoside - SEPPIC</i>)</li><li>• Ethyl hexyl palmitate</li><li>• <b>SEIPLUS™ 400</b> (<i>Polyacrylate 13 &amp; Polyisobutene &amp; Polysorbate 20 - SEPPIC</i>)</li></ul>	2.0 % 20.0 % 1.0 %
<b>C</b>	<ul style="list-style-type: none"><li>• Aqua / Water</li></ul>	Qsp 100%
<b>D</b>	<ul style="list-style-type: none"><li>• Parfum / Fragrance</li><li>• Lactic acid</li><li>• <b>SEPICIDE™ HB</b> (<i>Phenoxyethanol/Methylparaben/Ethylparaben /Propylparaben /Butylparaben - SEPPIC</i>)</li></ul>	0.2 % 0.03 % 1.0 %

### Procedure

Solubilize DHA under magnetic stirring.

Heat MONTANOV™ and the ester at 80°C and add SEIPLUS™.

Introduce phase C into phase B in one step and homogenize with high shear for few minutes ( rotor/stator turbine).

Cool the emulsion under moderate stirring and introduce phase D and A at around 30°C.

Check that the final pH of the emulsion is between 4.5 and 5, adjust it if necessary.

### Comments

#### SEIPLUS™ 400

A New generation of « Hydro Swelling Droplet » polymers, for improved performance. SEIPLUS™ polymers are designed to give an improved electrolyte resistance profile and stronger emulsifying properties. SEIPLUS™ 400 is particularly designed to be effective on a wide pH range. Thickening and emulsifying agents in ready to use liquid form (neither predispersion nor neutralization).

#### MONTANOV 202

Glucolipid emulsifier in harmony with nature. It produces emulsions with a very light, evanescent feel that are easy to apply and rapidly absorbed. These emulsions leave the skin feeling soft and non-greasy. Their matt finish effect helps prevent shine. MONTANOV 202 can promote liquid crystals according to the emulsion diagram, creating water reservoirs within the emulsion to help maintain skin moisturization. In combination with the other grades of the MONTANOV range, MONTANOV 202 can be used to modulate the texture and flexibility of the emulsions as desired.

#### SEPICIDE™ HB

Preservative.

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## Characteristics

Aspect	White cream
pH	Around 4.8
Viscosity	Around 80, 000mPa.s
Stability	Stable at RT – 40°C – 50°C

## Notes

Fragrance : Aromacalm Ref U220353 (QUEST)

## 6963 – SEPPIC – 0405

*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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