

SEPPIC**EU07045**

CRYSTAL CLEAR SELF TANNING GEL



- Clear gel
- Packaging: tube

- This formula proves that Sepinov™ EMT10 and DHA are perfectly compatible
- Amazing texture thanks to the adjustment of refractive indexes of both phases: this guarantees a perfect transparency



EU07045 - 0706

Formula

A	Aqua/Water	Up to 100%
	Propylene Glycol	34,70 %
	DHA	5,00 %
B	SEPINOV™ EMT10	0,95 %
C	Cyclomethicone	28,50 %
D	Lactic Acid	Up to pH = 4

Procedure

(Trimix – 7 kg – defloculator)

Add water and glycol in the main tank. Start rotor stator at 750 rpm and add DHA. Mix for 5'. Disperse SEPINOV™ EMT10 and mix again for 3'. Then add cyclomethicone, mix for 8'. Eventually add lactic acid and mix for 10'.

Characteristics

Appearance	Clear gel
pH	4.0
Viscosity at room temp	77,000 mPa.s BROOKFIELD LV4 sp.6
Viscosity after 1 month at 45°C	30,000 mPa.s BROOKFIELD LV4 sp.6
Viscosity recovery at RT (after 1 month at 45 °C)	37,500 mPa.s BROOKFIELD LV4 sp.6
Stability	> M1 at room temp & 45°C > M1 after freeze thaw cycles -5 / +40°C Stable when centrifuged 20' at 3000 rpm

Raw materials from SEPPIC

SEPINOV™ EMT10

Hydroxyethyl Acrylate & Sodium Acryloyldimethyl Taurate Copolymer

Powder polymer « 2 in 1 », thickening in a wide pH range (3 to 10), ready for use, with an excellent emulsifying and stabilizing power at low concentration. The chemical structure of Sepinov™ EMT10 guarantees a tremendous compatibility with specific actives. Besides, its supple texture ensures an easy pick up.

Other raw materials...

- DHA (MERCK)
- Cyclomethicone: DC345 (DOW CORNING)

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