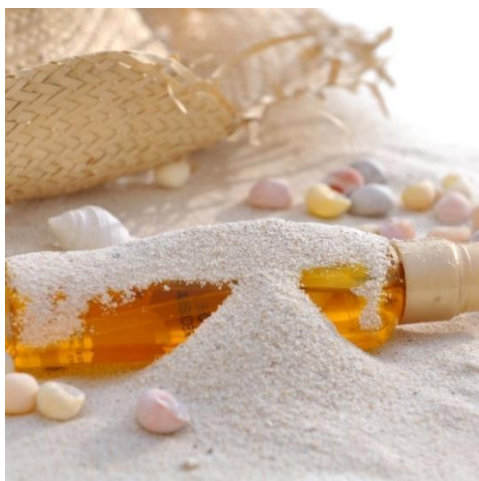


SUN PROTECTION OIL SPF50+ BODY & HAIR



- Aspect: Yellow transparent oil
- Packaging: Spray
- Sun protective oil SPF 50+ (vitro and vivo) to sublimate body and hair!
- EMOGREEN™ L15 brings gliding which enhances the application and a powdery touch.
- EMOSMART™ L15 provides an evanescent and light sensory feel.
- EMOSMART™ L15 & EMOGREEN™ L15 association procures a very light oil with a soft and powdery after feel.
- A soft sun protection oil, nude skin effect!



EU07426-1701

Formula

A	EMOGREEN™ L15	33.70%
	EMOSMART™ L15	6.00%
	C12-C15 Alkyl Benzoate	20.00%
	Bis-Ethylhexyloxyphenol Methoxyphenyl Triazine	5.00%
	Diethylamino Hydroxybenzoyl Hexyl Benzoate	10.00%
	Ethylhexyl Methoxycinnamate	10.00%
	Ethylhexyl Salicylate	5.00%
B	Homosalate	10.00%
	Fragrance/ Parfum	0.30%

Procedure

Lab-2500g

Melt ingredients of oily phase A in a beaker and a hot water bath (85°C). Mix with a spatula. After 20 minutes cool down phase A at RT under magnetic agitation. When the phase A reaches RT, add phase B under magnetic agitation.

Characteristics

Appearance	Yellow transparent oil
Viscosity 1M at RT	<50 mPa.s Brookfield S2S6
Viscosity 1M at 45° C	<50 mPa.s Brookfield S2S6
Viscosity recovery at RT (after 1M at 45° C)	<50 mPa.s Brookfield S2S6
Stability*	Stable after 1M at RT & 45° C

Raw materials from SEPPIC

EMOGREEN™ L15

C15-19 Alkane (renewable)

EMOGREEN™ L15 is a non polar and biodegradable, bio-sourced emollient. It's THE alternative to volatile silicone oils. This high purity vegetable alkane is conformed to Cosmos and Natrue.

Beyond the lightweight and non-greasy skin feel, it gives a powdery finish. Inert and stable, it can be used in all types of applications, even in extreme conditions (ph, oxidizing/reducing media...).

EMOSMART™ L15

C15-19 Alkane

EMOSMART™ L15 is a high-purity, non polar, and biodegradable emollient. This high purity alkane shows an excellent compatibility with all types of oils, especially with silicone oils. It gives a fresh and vanishing texture with a dry and matt afterfeel. Inert and stable, it can be used in all types of applications, even in extreme conditions (pH, oxidizing/reducing media...).

Other raw materials...

- C12-C15 Alkyl Benzoate: **C12-C15 ALKYL BENZOATE (STEARINERIE DUBOIS)**
- Bis-Ethylhexyloxyphenol Methoxyphenyl Triazine: **TINOSORB S (BASF)**
- Diethylamino Hydroxybenzoyl Hexyl Benzoate: **UVINUL A PLUS GRANULAR (BASF)**
- Ethylhexyl Methoxycinnamate: **EUSOLEX 2292 (MERCK)**
- Ethylhexyl Salicylate: **EUSOLEX OS (MERCK)**
- Homosalate: **EUSOLEX HMS (MERCK)**
- Fragrance: **PARFUM FLEUR DE FRANGIPANIER (TECHNICOFLOR)**