

olisun

>> READY TO USE SUNSCREEN EMULSION

INNOVATIVE TECHNOLOGY: PRE-SOLUBILIZED FILTERS IN FLUID EMULSION FORM FOR SPF BUILDING

OLISUN technology foresees the development of a ready to use emulsion containing UV-A and UV-B filters, pre-solubilized in a system containing dermo compatible emulsifiers of lipo-polypeptide and lipo-sugar nature. The system, as it is, already boasts intrinsic SPF: the value of SPF varies depending on the concentration of use of Olisun in cosmetics formulation.

Olisun, in order to turn into an end cosmetic product, requires the addition of just few technical ingredients and solvents can be added.

Olisun allows to facilitate the development of sunscreen formulation and meet eco-sustainability standards by:

- Reducing the production process steps
- Decreasing costs related to heating, as it allows to formulate lotions and milks in cold process
- Avoiding issues with filters stability, given its filters pre-solubilized and stabilized nature

>> POSITIONING

FUNCTIONAL AND TECHNOLOGY HIGHLIGHTS

- Pre-solubilized filters system based on lipo-polypeptides and liposugars with dermo compatible features and silicon like texture
- Customizable technology
- Ideal for cold process formulations (gels, milks and lotions)
- Time, energy, efforts and costs saving in production phase (sustainable productions)
- Stabilized and pre-solubilized filters system, reducing manufacturing steps



OLISUN



FILTERS COMPOSITION

Ethylhexyl methoxycinnamate
 Octocrylene
 Avobenzone (butylmethoxybibenzoylmethane)
 Bis-ethylhexyloxyphenol methoxyphenyl triazine

O. is a customizable technology. Above, an example of one of the existing references OLISUN, approved for Europe, Japan, Australia.

OLISUN WA



FILTERS COMPOSITION

Ethylhexyl methoxycinnamate
 Octocrylene
 Diethylamino hydroxybenzoyl hexyl benzoate
 Bis-ethylhexyloxyphenol methoxyphenyl triazine

O. is a customizable technology. Above, an example of one of the existing references OLISUN WA, approved for Europe, Japan, Australia.

WAY OF USE AND IMPACT ON SPF

Formula Composition	Concentration of use in SPF 06 Formula	Concentration of use in SPF 15 Formula	Concentration of use in SPF 30 Formula
OLISUN	8%	20%	36%
Aqua	to 100%	to 100%	to 100%

Olisun contains ready to use pre-solubilized and stabilized filters. Through water addition, it spontaneously emulsifies the system forming SPF lotions or milk. Through the use of polymers or consistency factors, it forms, respectively, SPF gels or creams. Olisun can bear the addition of systems containing other filters (organic and inorganic).

>> TECHNICAL OVERVIEW

PH OF USE	% OF USE	APPLICATIONS	SOURCING	FORMULATION TIPS
6.0 ÷ 8.0	8.0 ÷ 36.0 tests carried out at 5.0%	Sunscreen gels, lotions, milks, creams	Vegetable- synthetic	Use in cold process

[INCI NAME: customizable technology: each reference can have a customized INCI name; see above examples]