

FORMULATION DATASHEET



Collageneer®

Lupeol Extract & Oleic Sunflower Oil

INCI name: *Helianthus Annuus (Sunflower) Seed Oil and Lupinus Albus Seed Extract*
Description: Yellow to orange-brown liquid, with a characteristic odour
Shelf life: 36 months

SOLUBILITY	Water	<input type="radio"/>	Mineral Oil	<input checked="" type="checkbox"/>
	Ethanol	<input type="radio"/>	Vegetable Oil	<input checked="" type="checkbox"/>
	Glycol	<input type="radio"/>	Silicone	<input checked="" type="checkbox"/>

INCOMPATIBILITY	Ingredients	Hydrophilic
	Electrolytes	N/A
	pH range	N/A

APPLICATIONS	Pre-dispersion solvent	Sunflower Oil or other vegetable oils used in the formulation
	Heat stress / °C at introduction	No visual or olfactory change of Collageneer® up to 80°C.
	Chemical stress / pH at introduction	N/A
	Recommended introduction step	Collageneer® should be added at temperature ≤ 75-80°C just before the emulsion in order to limit the heating time.

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FORMULATION	Lotion	N/A
	Emulsion O/W	When added in the oily phase at 75-80°C just before emulsion step, a white-yellow semi-thick emulsion is obtained.
	Emulsion W/O	When added in the oily phase at 75-80°C just before emulsion step, a white fluid emulsion is obtained.
	Oil	A light Yellow oil is obtained, with a vegetable odor

TIPS & TRICKS

- Collageneer® is formulated at 2%.
- Collageneer® should be heated to 40°C under stirring before using, to ensure good homogeneity of the product (crystals in suspensions).
- Collageneer® can be pre-dispersed in a vegetable oil before addition to the oily phase.
- The addition of an antioxidant would reinforce the stability of the formulation.