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Sunscreen Cream SPF 50

CATEGORY: SUN CARE

INGREDIENTS

Phase	Ingredient	INCI	Supplier	Weight (%)
A	Distilled Water	Aqua	-	Up to 100
	Glycerin	Glycerin	OQEMA	1
	Neolone® PH Max	Phenoxyethanol, Pelargonic Acid	LANXESS	1
B	NPG-Di-heptanoate	NPG-Diheptanoate	OXEA	7.1
	NestDry ST-2023	Titanium Dioxide	BioNest	3
	BergaCare FG Olive	Hydrogenated Olive	Berg+ Schmidt	2
	E00219 Fruit Peel Wax	Rhus Succedanea Fruit Wax / Rhus Verniciflua Peel Wax	Koster Keunen	3
	E00204 Beeswax White FG	Beeswax	Koster Keunen	4



	SABOWAX B 25	Beheneth-25	SABO	4.5
	Hyaluronic Tucuma Pro	Astrocaryum Vulgare Fruit Oil	Citróleo	1.2
C	SunCat JCW03 PF	Water, C12-15 Alkyl Benzoate, Diethylamino Hydroxybenzoyl Hexyl Benzoate, Ethylhexyl Triazone, Bis-Ethylhexyloxyphenol Methoxyphenyl Triazine, Propanediol, Phenoxyethanol, Hydroxyacetophenone, Lecithin	BioNest	7
	KGL01 Horse Chestnut Extract	Aesculus Hippocastanum Extract	L.E.V.	3
D	Lactic acid	Lactic Acid	OQEMA	q.s.

METHOD

1. Mix Phase A and B separately and heat to 85°C.
2. Slowly add Phase B to Phase A while homogenizing.
3. Homogenize for further 10 min.
4. Cool down while stirring.
5. Add Phase C when under 40°C.
6. Adjust the pH to 5.0-5.5 using Phase D.

APPEARANCE

White, soft, glossy, slightly yellow cream.

Disclaimer:

All information and recommendations provided by OQEMA are given in good faith and are provided voluntarily without any legal obligation. This applies to any information provided in the course of developing a frame formulation as well as for any other information/recommendation given throughout the formulation and production process as well as to any kind of manufacturing support. OQEMA shall not be liable with regard to the above-described information/recommendations. This does not apply to liability for intent and/or malice. It is the customer's own responsibility to examine and to ensure that the guideline formulation and/or prototype is/are suitable, stable, safe, and fit for large scale production. OQEMA shall not be liable for any information/recommendation provided, in particular with regard to the creation of the formulation as well as its suitability, stability and safety for large scale production. No kind of guarantee or warranty is given. Please note that any change of a key ingredient in the formulation might affect the quality and stability of the formulation significantly.



HIGHLIGHTS

Formulated with innovative encapsulated UV filters, SunCat JCW03 PF, this formula offers long-lasting, even skin protection while reducing the need for organic UV filters. The water-soluble SunCat JCW03 PF emulsion format allows effortless integration into any formulation. To elevate the sensory experience, Fruit Peel Wax imparts a soft, silky touch to the skin, while beeswax adds creaminess and enhances the stability of the emulsion.

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