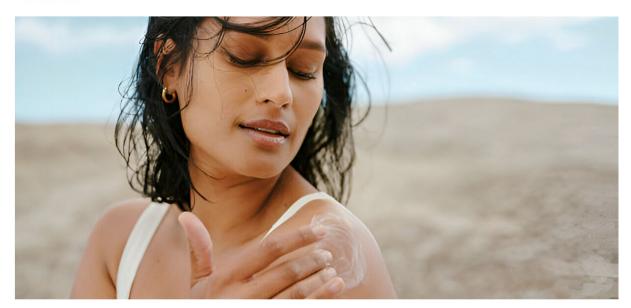
# OQEMA labs





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## Sunscreen Cream SPF 50

**CATEGORY: SUN CARE** 

### **INGREDIENTS**

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





|   | SABOWAX B<br>25                    | Beheneth-25  | SABO     | 4.5  |
|---|------------------------------------|--|----------|------|
|   | Hyaluronic<br>Tucuma Pro           | Astrocaryum Vulgare Fruit Oil  | Citróleo | 1.2  |
| С | SunCat<br>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<br>Chestnut<br>Extract | Aesculus Hippocastanum<br>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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