

ZuNscreen Oil: Innovation under the sun

INNOVATION is the key word to describe this formulation:

- **MILKY APPEARANCE**, closer to a sunscreen lotion than to a typical sunscreen oil
- **RICH & NOURISHING** as expected from an oil, but **NON-GREASY & NON-STICKY** as expected from an oil free product
- **SPF (≈15)** coming exclusively from physical filters: **ZINCLEAR®**



Ref. **F-11/O-0096/02**

| TRADE NAME (INCI) | FUNCTION | SUPPLIERS | % w/w |
|---|---|-----------|--------|
| A | | | |
| Mineral oil up to (Paraffinum liquidum) | <i>emollient</i> | | 100.00 |
| ViscUp 160 (Mineral Oil, Hydrogenated Styrene Isopropene/Butadiene Copolymer) | <i>oil thickener</i> | (1) | 20.00 |
| Massocare HD (Isohexadecane) | <i>emollient</i> | (2) | 30.00 |
| BRB CM50 (Cyclopentasiloxane) | <i>emollient</i> | (3) | 5.00 |
| B | | | |
| ZinClear IM50 CCT (Zinc Oxide, Caprylic/capric Triglyceride, Glyceryl Isostearate, Polyhydroxystearic Acid) | <i>physical sunscreen (UVA & UVB)</i> | (4) | 20.00 |
| C | | | |
| Perfume (Parfum) | <i>perfume</i> | (5) | q.s. |

(1) Arch PC - (2) Cial. Química Massó - (3) BRB International - (4) Antaria - (5) Esencias Moles

APPEARANCE: white off opaque oil

VISCOSITY: 1.800 mPa·s (Brookfield LVT, Spindle A, 12 rpm) 20°C

MANUFACTURE:

1. Disperse ViscUp 160 in the mineral oil under slow stirring until homogeneous mixture obtention (≈ 1 h)
2. Add the rest of the ingredients one by one under moderate stirring (150 -200 rpm) to avoid air incorporation
3. Add phase B to phase A and stir moderately until obtention of an homogeneous phase (≈ 20-30').
4. Add perfume and stir during 20 minutes more



**SAMPLE AVAILABLE
ON REQUEST**