

Natural Sun Lotion W/O

29-06-1106

Claims: Preservative free
Expected SPF*: 12; UVA/UVB Ratio*: 0,75



Phase	Ingredient	INCI	Supplier	%
A	Deionised Water	Aqua		48.35
	Glycerol	Glycerin		7.00
	Zinksulfat Heptahydrat	Zinc Sulfate	Merck	1.00
	Citric Acid (sol 20%)	Citric Acid	Merck	0.05
B	dermofeel® PR	Polyglyceryl-3-Polyricinoleate	Dr. Straetmans	5.00
	dermosoft® GMC	Glyceryl Caprate	Dr. Straetmans	0.50
	dermofeel® PO	Glyceryl Oleate	Dr. Straetmans	1.00
	Floramac 10	Ethyl Macadamiate	Floratech	10.00
	dermofeel® MCT	Tricaprylin	Dr. Straetmans	15.00
	Cutina HR	Hydrogenated Castor Oil	Cognis	0.25
	Bienenwachs 8104, weiß, rein	Cera Alba	Kahl & Co	0.25
	Zincum N 29 veg. Grade	Zinc Stearate	Wiga Pharma	0.50
	alpha Bisabolol, nat.	Bisabolol	GfN	0.10
	dermofeel® Toco 70 non-GMO	Tocopherol, Helianthus Annuus (Sunflower) Seed Oil	Dr. Straetmans	0.20
B1	Maxlight TS-043	Titanium Dioxide, Silica	Showa Denko	5.50
	Zinc Oxide Neutral	Zinc Oxide	Symrise	5.00
C	Parf. Leafs in the trees 419475 (SCCNFP sensitizer free up to 10% use level)	Parfum	Symrise	0.30
				100.00

Manufacturing Procedure:

1. Heat phase A up to 80 °C.
2. Heat phase B up to 80 °C. Add B1 and verify the complete dispersion of pigments.
3. Emulsify phase A slowly to phase B under stirring.
4. Homogenize for 2 – 5 min. using an Ultra Turrax.
5. Cool down to 32 °C and add C under stirring.

Specification Values:

Appearance: White Lotion.

Viscosity (Brookfield: Spin 6; Speed 10): Approx. 30.000 mPas.

Centrifugation (10 min., 5.000 rpm): No separation.

Microbiological stability: Proven.

**calculated with the Ciba Sunscreen Simulator*

Disclaimer:

The information contained herein is meant to demonstrate how our products can be used. The given data are suggestions without any guarantee aimed to support customers' development. As production conditions at our customers' facilities are beyond our control we refuse to accept any liability involved in the use of our products. Please observe possible third party patent rights.

Dr. Straetmans Chemische Produkte GmbH, Merckuring 60-62, D-22143 Hamburg, Germany

T +49 (0)40-66 93 56-0, F +49 (0)40-66 93 56-10, info@dr-straetmans.de

<http://www.dr-straetmans.de>