

Sun Cream O/W

L038-1.8-209

Claims: Preservative free
Broad spectrum UV Protection
Anti Aging

Phase	Ingredient	INCI	Supplier	%
A	Deionised Water	Aqua		64.75
	dermofeel® PA-3	Sodium Phytate, Aqua	Dr. Straetmans	0.10
	Glycerol	Glycerin		3.00
	dermosoft® LP	Caprylyl Glycol, Glyceryl Caprylate, Glycerin, Phenylpropanol, Aqua	Dr. Straetmans	1.00
B	Keltrol RD	Xanthan Gum	CP Kelco	0.20
	Veegum Ultra	Magnesium-Aluminium Silicate	R.T. Vanderbilt	0.50
C	Eusolex T-AVO	Titanium Dioxide, Silica	Merck	2.00
D	ymbio® muls GC	Glyceryl Stearate Citrate, Cetearyl Alcohol, Glyceryl Caprylate	Dr. Straetmans	5.00
	dermofeel® sensolv	Isoamyl Laurate	Dr. Straetmans	8.00
	Phytosqualan	Squalane	Sophim	3.00
	Eusolex 4360	Benzophenone-3	Merck	3.00
	Neo Heliopan AV	Ethylhexyl Methoxycinnamate	Symrise	7.00
	dermofeel® Toco 70	Tocopherol, Helianthus Annuus (Sunflower) Seed Oil	Dr. Straetmans	0.05
E	Parf. Sugar Ray 446113 (SCCNFP-sensitizer free up to 10% use-level)	Parfum	Symrise	0.40
	Radicare	Aqua, Melissa Officinalis, Disodium Rutinyl Disulfate, Hordeum Distichon	Rahn AG	0.50
	Vitaderm	Alcohol, Aqua, Glycerin, Hydrolyzed Wheat Protein, Ilex Aquifolium, Sodium Ursolate, Sodium Oleoate	Rahn AG	1.50
				100.00

Manufacturing Procedure:

- Heat phase A up to 78°C. Disperse Keltrol and Veegum. Disperse Eusolex T-AVO.
- Heat phase D to 78°C. Emulsify phase D to phase A/B/C under stirring.
- Homogenize for 1-2 min. using an Ultra Turrax. Start to cool down to 32°C under stirring. Add ingredients of phase E.

Specification Values:

Appearance: Soft white emulsion.

pH: 5.5 - 6.0.

Viscosity (Brookfield: Helipath TF, Speed 10): Approx. 25.000 – 35.000 mPa's.

Centrifugation (4.000 rpm, 15 min.): No separation.

Stability:

Stable for more than 3 months at 20°, 40°, 4°C.

Microbiological Stability: Proven.

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.

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