

## Sun Milk O/W

32-01-504

**Claims:** Preservative free  
Broadspectrum UV Protection  
Anti Aging

Phase	Ingredient	INCI	Supplier	%
A	Deionised Water	Aqua		61.75
	<b>dermofeel® PA-3</b>	Sodium Phytate, Aqua	<b>Dr. Straetmans</b>	<b>0.10</b>
	Glycerol	Glycerin		3.00
	<b>dermosoft® LP</b>	Caprylyl Glycol, Glyceryl Caprylate, Glycerin, Phenylpropanol, Aqua	<b>Dr. Straetmans</b>	<b>1.00</b>
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	<b>dermofeel® SL</b>	Sodium Stearoyl Lactylate	<b>Dr. Straetmans</b>	<b>1.00</b>
	Arlacel 165	Glyceryl Stearate, PEG-100 Stearate	Uniqema	3.00
	Lanette O	Cetearyl Alcohol	Cognis	2.00
	Cutina GMS	Glyceryl Stearate	Cognis	1.00
	Cutina CPA-V	Cetyl Palmitate	Cognis	1.00
	<b>dermofeel® BGC</b>	Butylene Glycol Dicaprylate/Dicaprate	<b>Dr. Straetmans</b>	<b>8.00</b>
	Fitoderm	Squalane	Cognis	3.00
	Eusolex 4360	Benzophenone-3	Merck	3.00
	Neo Heliopan AV	Ethylhexyl Methoxycinnamate	Symrise	7.00
	<b>dermofeel® Toco 70</b>	Tocopherol, Helianthus Annuus (Sunflower) Seed Oil	<b>Dr. Straetmans</b>	<b>0.05</b>
E	Parf. Lifetime 446614 (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 Oleanoate	Rahn AG	1.50
				<b>100.00</b>

### 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: White emulsion.

pH: 6.0.

Viscosity (Brookfield: Spindle 6; Speed 10): Approx. 15.000 mPa·s.

Centrifugation (5.000 rpm, 2.900 RZB, 10 min.): No separation.

### Stability:

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

### 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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