

Natural O/W Emulsion

L016-17-307

Claims: Preservative free
Fragrance free



Phase	Ingredient	INCI	Supplier	%
A	Deionised Water	Aqua		68.60
	dermofeel® PA-3	Sodium Phytate, Aqua	Dr. Straetmans	0.10
	Glycerol	Glycerin		2.50
	Sodium Lactate (sol. 50%)	Sodium Lactate	Merck	1.00
	dermosoft® GMCY	Glyceryl Caprylate	Dr. Straetmans	1.00
	Keltrol RD	Xanthan Gum	CP Kelco	0.50
B	dermofeel® SL	Sodium Stearoyl Lactylate	Dr. Straetmans	1.00
	dermofeel® GSC	Glyceryl Stearate Citrate	Dr. Straetmans	2.00
	Lanette O	Cetearyl Alcohol	Cognis	4.00
	Cutina GMS	Glyceryl Stearate	Cognis	3.00
	Olive Oil	Olea Europaea (Olive) Fruit Oil		2.00
	Sunflower Seed Oil	Helianthus Annuus (Sunflower) Seed Oil		5.00
	dermofeel® Toco 70 non-GMO	Tocopherol, Helianthus Annuus (Sunflower) Seed Oil	Dr. Straetmans	0.20
	dermofeel® Ascorbyl Palmitate	Ascorbyl Palmitate	Dr. Straetmans	0.10
	dermofeel® MCT	Tricaprylin	Dr. Straetmans	4.00
	Phytosqualan	Squalane	Sophim	3.00
C	Ethanol	Alcohol		2.00
				100.00

Manufacturing Procedure:

1. Heat phase A up to 78 °C. Disperse Keltrol.
2. Heat phase B to 78 °C. Emulsify phase B to phase A under stirring.
3. Homogenize for 1-2 min. using an Ultra Turrax.
4. Start to cool down to 32 °C under stirring. Add Ethanol.

Specification Values:

Appearance: White emulsion.

pH: 5.5 – 6.0.

Viscosity (Brookfield: Helipath TE; Speed 10): Approx. 10 000 mPa·s.

Centrifugation (4000 rpm, 15 min.): No separation.

Stability: More than 3 months stable at 20 °C, 40 °C and 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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