

Protecting Body Lotion

88-1-03B-108

Claims: **Rich and silky skin protection**
Lasting and no tacky skin feel
Preservative free

Phase	Ingredient	INCI	Supplier	%
A	Deionised Water	Aqua		73.30
A1	Jaguar HP 105	Hydroxypropyl Guar	Rhodia	0.50
	dermosoft® Octiol	Caprylyl Glycol	Dr. Straetmans	0.50
	dermosoft® 688	Parfum	Dr. Straetmans	0.15
	Glycerol (86 %)	Glycerin		2.00
	dermosoft® G 10 LW	Polyglyceryl-10 Laurate, Aqua	Dr. Straetmans	0.70
B	Incroquat Behenyl TMS	Cetearyl Alcohol, Behentrimonium Methosulfate	Croda	5.50
	dermofeel® BGC	Butylene Glycol Dicaprylate/Dicaprate	Dr. Straetmans	5.00
	dermofeel® MCT	Tricaprylin	Dr. Straetmans	9.50
	DC 200 Fluid (100 cs)	Dimethicone	Dow Corning	0.50
	Amylomer™ CAS 50 M	Hydroxypropyl Oxidized Starch PG-Trimonium Chloride	Dr. Straetmans	1.70
C	Frag. 49312175 Body Firm	Parfum	Drom	0.30
D	Sodium Hydroxide (sol. 10 %)	Sodium Hydroxide	Merck	0.35
				100.00

Manufacturing Procedure:

- Place water of phase A to the vessel. Add A1 while stirring and heat up to 78 °C. Dissolve remaining components of phase A completely.
- Heat phase B to 80 °C. Emulsify phase B to phase A. Homogenize for approx. 1 – 2 min. using an Ultra Turrax.
- Cool down to 35 °C while stirring. Add part C and D.
- Homogenize again and control pH. Cool down to room-temperature.

Specification Values:

Appearance: White emulsion.

pH value: 5.0 – 5.5.

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

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

Stability:

More than 3 months stable at 40 °C, room temperature, 4 °C, Cycling Test (24h: 40 °C, 4 °C, -18 °C, 20 °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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