

After Shave Cream

87-5-05-1107

Claims: Rich and silky skin protection
 Lasting and non tacky skin feel
 UV-Protection: SPF 6.0 UVA/UVB Ratio 0.6*

*calculated with BASF Sunscreen Simulator

Phase	Ingredient	INCI	Supplier	%
A	Deionised Water	Aqua		73.35
A1	Jaguar HP 105	Hydroxypropyl Guar	Rhodia	0.50
	dermosoft® Octiol	Caprylyl Glycol	Dr.Straetmans	0.50
	dermosoft® 688	p-Anisic Acid	Dr.Straetmans	0.15
	1,2 Propylenglycol	Propylene Glycol	Merck	2.00
	dermofeel® G 10 LW	Polyglyceryl-10 Laurate, Aqua, Citric Acid	Dr.Straetmans	0.70
B	Incroquat Behenyl TMS	Cetearyl Alcohol, Behentrimonium Methosulfate	Croda	6.00
	Uvinul A Plus B	Ethylhexyl Methoxycinnamate, Diethylamino Hydroxybenzoyl Hexyl Benzoate	BASF	5.00
	dermofeel® BGC	Butylene Glycol Dicaprylate/Dicaprate	Dr.Straetmans	4.50
	dermofeel® MCT	Tricaprylin	Dr.Straetmans	4.00
	DC 200 Fluid (100 cs)	Dimethicone	Dow Corning	1.00
C	symbio®quat	Hydroxypropyl Oxidized Starch PG-Trimonium Chloride, Starch Hydroxypropyltrimonium Chloride	Dr.Straetmans	1.70
D	Frag. 49312174 Aqua Power	Parfum	Drom	0.30
E	Sodium Hydroxide (sol.10%)	Sodium Hydroxide	Merck	0.30
				100.00

Manufacturing Procedure:

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

Specification Values:

Appearance: light yellow emulsion.

pH-value: 5.0 – 5.5.

Viscosity (Brookfield: Helipath TF; Speed 10): Approx. 15.000 mPa's.

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

Stability:

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

Microbiological Stability: Proven.

Disclaimer:

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