

After Shave Balm

87-4-22-1107

Claims: **Comfortable and smooth skin feel**
Long lasting skin protection

Phase	Ingredient	INCI	Supplier	%
A	Deionised Water	Aqua		89.75
A1	Sepinov EMT 10	Hydroxyethyl Acrylate/Sodium Acryloyldimethyl Taurate Copolymer	Seppic	1.50
	Glycerol (86 %)	Glycerin		2.00
	symbio[®]quat	Hydroxypropyl Oxidized Starch PG-Trimonium Chloride, Starch Hydroxypropyltrimonium Chloride	Dr.Straetmans	1.70
	dermosoft[®] LP	Caprylyl Glycol, Glycerin, Glyceryl Caprylate, Phenylpropanol	Dr.Straetmans	1.00
B	dermofeel[®] GSC	Glyceryl Stearate Citrate	Dr.Straetmans	0.50
	dermofeel[®] BGC	Butylene Glycol Dicaprylate/Dicaprate	Dr.Straetmans	3.00
C	Frag. 49312174 Aqua Power	Parfum	drom	0.40
D	Sodium Hydroxide (sol.10%)	Sodium Hydroxide	Merck	0.15
				100.00

Manufacturing Procedure:

1. Place water of phase A to the vessel and heat up to 70°C.
2. Add A1 while stirring and stir until homogenous gel is obtained.
3. Add remaining components phase A.
4. Heat phase B to 60°C and add phase phase A while stirring.
5. Homogenize for approx. 1 – 2 min. using an Ultra Turrax.
6. Cool down while stirring. Add part C below 40°C.
7. Adjust pH-value with D and cool down to room-temperature.

Specification Values:

Appearance: white gel.

pH-value: 5.0 – 6.5.

Viscosity (Brookfield: Helipath TF; Speed 10): Approx. 5.000 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:

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.