

Claims:

Regenerates skin barrier function
Very strong anti-irritant (reduction of IL-6)
Hydration
Film forming
Not sticky
Smoothes skin

Phase	Ingredient (our mat.no in brackets)	INCI	Supplier	Dosage [%]
A	Deionised Water	Aqua	/	72,596
	Glycerin 99,5% (GMO-free)	Glycerin	Cremer Oleo GmbH & Co.KG	5,00
	Konjac Mannan gel powder (2034)	Glucomannan or Amorphophallus Konjac Root Extract	GfN	0,70
	Genuvisco® carrageenan CG-131	Chondrus Crispus	CP Kelco	0,10
B	Amisoft® HS-11P	Sodium Stearoyl Glutamate	Rahn AG	0,20
C	Avocado Oil, raf. DAC	Persea Gratissima Oil	Henry Lamotte Oils GmbH	10,00
	Tego®Alkanol 1618	Cetearyl Alcohol	Evonik	2,00
	HyVia™ (Chia Seed Extract) (7319)	Salvia Hispanica Seed Oil	Selco	0,50
D	Atecoron Plus® PHE 1.2 (1072)	Aqua, Glycerin, Sodium Hyaluronate, Atelocollagen	GfN	8,00
	Phenoxyethanol	Phenoxyethanol	IMCD GmbH & Co.KG	0,904
	Citric Acid (20% solution in water)	Aqua, Citric Acid	Merck	q.s.
				100,00

Production Process:

1. Disperse Konjac Mannan gel powder and Genuvisco carrageenan CG-31 in Glycerin. Add slowly water and mix well. Heat phase A up to 70°C.
2. During heating add phase B to phase A under stirring (paddle-mixer).
3. Heat phase C up to 70°C. Add to phase A/B with an Ultra-TURRAX® (~10.000 rpm, ~1 minute) until you get a smooth texture.
4. Cool down under stirring (paddle-mixer).
5. Add phase D below 35°C and homogenize with an Ultra-TURRAX® until you get a smooth texture.
6. Adjust pH ~6,5 with citric acid solution if necessary and cool down to room temperature under stirring (paddle-mixer).

Specification Values:

Appearance: cream white gel
pH-value: 5,5 - 6,5
Viscosity: ~15.000 mPas, spindle R5, 20 rpm, 20°C
Centrifugation: (4.000 rpm, 15 min.): no separation
Stability: 12 months stable RT, 40°C and 5°C
Microbiology: proven

Disclaimer :

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