

Claims:

Anti-irritant
Anti-bacterial
Protection
Antioxidant
Astringent

Phase	Ingredient (our mat.no. in brackets)	INCI	Supplier	Dosage [%]
A	Tegosoft® CT	Caprylic / Capric Triglyceride	Evonik	8,00
	Tego®Care 450	Polyglyceryl-3 Methylglucose Distearate	Evonik	3,00
	Tego® Alkanol 1618	Cetearyl Alcohol	Evonik	2,00
	Moringa Seed Oil (Wala) refined (7335)	Moringa Oleifera Seed Oil	Selco	8,00
	Shea Butter (Karité) Organic FT refined	Butyrospermum Parkii Butter	Siokoro, Mali	3,00
	Mangosteen (7254)	Mangostin	Selco	0,20
B	Deionised Water	Aqua	/	63,76
	Hyaluronic Acid Na-Salt VLMW (HyActive) powder (3051)	Sodium Hyaluronate	GfN	0,05
	Tannic Acid, powder pure Ph.EUR, USP (7053)	Tannic Acid	Selco	0,15
	Glycerin 99,8% DAB	Glycerin	Gustav Heess	5,00
	Konjac Mannan gel powder (2034)	Glucomannan or Amorphophallus Konjac Root Extract	GfN	0,30
Genuvisco® carrageenan CG-131	Chondrus Crispus	CP Kelco	0,04	
C	Tegosoft® M	Isopropyl Myristate	Evonik	2,00
	ViaPure® Boswellia (7275)	Boswellia Serrata Resin Extract	Selco	0,20
	ViaPure® Hops (7271)	Humulus Lupulus Extract, Linoleic Acid, Linolenic Acid	Selco	1,00
D	AMTicide® Coconut	Lactobacillus, Cocos Nucifera (Cocosnut) Fruit Extract	Active Concepts, Srl	2,00
	Sensiva® SC 10	Caprylyl Glycol, Ethylhexylglycerin	Schülke & Mayr GmbH	0,30
E	Woresan® serum PN	Lactobacillus / Rye Flour / Ferment, Pentylene Glycol	NCD Ingredients GmbH	1,00
				100,00

Production Process:

1. Heat phase A up to 70°C.
2. Dissolve Konjac Mannan gel powder and Genuvisco® carrageenan CG-131 in Glycerine add slowly the water solution with Tannic Acid powder and Hyaluronic Acid Na-Salt VLMW. Heat up to 70°C.
3. Add phase A to phase B during homogenization with an Ultra-TURRAX® (~1 minute, ~15.000 rpm).
4. Premix phase C under heating (~60°C) and add to phase A/B during homogenization with an Ultra-TURRAX® (1-2 minutes, ~15.000 rpm).
5. Cool down under stirring (paddle-mixer) and add ingredients of phase D and phase E below 35°C. Homogenize with an Ultra-TURRAX® until you get a smooth texture.
6. Adjust pH ~6,5 with citric acid if necessary and cool down to room temperature under stirring (paddle-mixer).

Specification Values:

Appearance: cream white to light yellow emulsion
pH-value: 5,5 - 6,5
Viscosity: ~10.000 mPas, spindle R6, 20 rpm, 20°C
Centrifugation: (4.000 rpm, 15 minutes) no separation
Stability: 5 months stable at RT, 5°C, 1 month stable at 40°C
Microbiology: proven

Disclaimer :

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