162_E060_1714 Skin Guard Cream-Gel

Claims:

Acts as an antioxidant and prevents photoaging
Helps to maintain skin youth
Protects the skin from environmental damages
Reduces inflammations
Acts antimicrobial
Increases cell proliferation and stimulates collagen synthesis
Increases skin lightening
Enhances skin hydration

Phase	Ingredient (our Mat.No.)	INCI	Supplier	Dosage [%]
A	**Konjac Mannan gel powder (2034)**	Glucomannan or Amrphophallus Konjac Root Extract	**GfN**	**0.70**
	Genuvisco® carrageenan CG-131	Chondrus Crispus	CP Kelco	0.10
	CremerGLYC Refined Glycerine 99,5 % rapeseed based Ecocert/Cosmos non-organic	Glycerin	Cremer Oleo GmbH & Co KG	5.00
	Hydrolite® 5 green	Pentylene Glycol	Symrise AG	3.00
	Deionised water	Aqua	/	77.55
B	Neutral Oil (POF)	Caprilyc/Capric Triglyceride	Aliacura	12.00
	Amisoft® HS-11P (F)	Sodium Stearoyl Glutamate	Rahn AG	0.20
	Glyceryl Caprylate - GMCY	Glyceryl Caprylate	Aliacura	0.20
C	**smartCrystal® Resveratrol MB (7501)**	Aqua, Glycerin, Glycyrrhiza Glabra Root Extract, Caprylyl Capryl Glucoside	**Selco**	**1.00**
D	Perfume Bambou	Parfum	/	0.25
	Citric Acid Solution (10 % in water)	Aqua, Citric Acid	/	q.s.
Total				100.00

Production Process:

1. Phase A: dissolve Konjac Mannan gel powder and Genuvisco® carrageenan CG-131 in Hydrolite® 5 green and Glycerin.
2. Add slowly water under stirring and heat phase A up to 70 °C.
3. Phase B: heat up to 70°C and add to phase A with an Ultra-TURRAX® (~10.000 rpm, ~1 minute) until you get a smooth texture.
4. Cool down to room temperature (paddle-mixer).
5. Below 35 °C add phase C to phase A/B under stirring until you get a smooth texture (paddle-mixer).
6. Adjust pH ~ 6.0 with citric acid solution (10 %) if necessary.

Specification Values:

Appearance: white, brilliant cream-gel
pH-value: 5.5 – 6.5
Centrifugation: (4.000 rpm, 15 minutes) no separation
Viscosity: 7.000 – 10.000 mPas (spindle 2, 20 rpm, 20 °C)
Stability: 12 months stable at RT, 5 °C and 40° C
Microbiology: proven

Disclaimer :
We provide information and advice to our customers on application technologies and regulatory matters to the best of our knowledge and ability, but without obligation or liability. Existing laws and regulations are to be observed in all cases by our customers. This also applies in respect to any rights of third parties. Our information and advice do not relieve our customers of their own responsibility for checking suitability of our products for the envisaged purpose.

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