

Claims:

Reduces inflammations and erythema
Improves dermal skin density and structure
Diminishes the appearance of fine lines and wrinkles
Improves hydration
Reduces hyperpigmentation and imperfections
Reduces age spots
Improves skin brightening
Promotes even skin tone and natural glow
Normalizes sebum and pore size
Fights acne
Enhances skin elasticity
Enhances collagen synthesis

Phase	Ingredient (our mat. no. in brackets)	INCI	Supplier	Dosage [%]
A	Deionised Water	Aqua	/	66,85
	Hydrolite [®] 5	Pentylene Glycol	Symrise	2,95
	Glycerin 99,5% (GMO-free)	Glycerin	Cremer Oleo GmbH & Co. KG	3,00
	Glyceryl Caprylate – GMCY	Glyceryl Caprylate	Evonik	0,20
	Keltrol [®] CG-BT	Xanthan Gum	CP Kelco	0,15
	Nicotinamide	Niacinamide	Merck	2,00
B	Deionised Water	Aqua	/	15,00
	Citrat Acid/ Phosphat Buffer	Aqua, Citric Acid, Disodium Hydroxide Phosphate	/	2,00
	Ascorbyl Glucoside (7268)	Ascorbyl Glucoside	Selco	2,00
	Potassium Hydroxyde solution (50% in water)	Aqua, Potassium Hydroxide	/	0,75
C	Deionised Water	Aqua	/	5,00
	HyRetin (5013)	Sodium Retinoyl Hyaluronate	GfN	0,10
D	Citric Acid Solution (10 % in water)	Aqua, Citric Acid	/	q.s.
				100,00

Production Process:

1. Disperse Konjac Mannan gel powder in Glycerin and Pentylene Glycol and add slowly water with Niacinamide and Glyceryl.Caprylate. Heat phase A up to 70°C under stirring for ~ 10 minutes (paddle-mixer).
2. Dissolve Ascorbyl Glucoside in water with Citrate buffer . Add Poatssium Hydroxide solution and add to phase A under stirring for ~ 5 minutes. pH ~ 6.5
3. Dissolve HyRetin in water and add phase C to phase A/B below 35°C under stirring until you get a smooth texture (~ 5 minutes).
4. Adjust pH to 6,5 with citric acid solution (10%) or Potassiumhydroxid solution (no sodium hydroxide !) if necessary.
5. Cool down to room temperature under stirring (paddle-mixer).

Specification Values:

Appearance: clear, light viscous gel
pH-value: 6,0 – 7,0
Centrifugation: (4.000 rpm, 15 minutes) no separation
Stability: 9 months stable at RT and 5°C, 1 month stable at 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.