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Anti-photoaging Essence

(0.5% SpecPure® Aqua GBE)

Features:

SpecPure® Aqua GBE can effectively suppress skin problems caused by photoaging, promote synthesis of skin collagen, effectively control fine lines.

Phase	Product Name	INCI Name	w/w%	Function
A	Stearth -20		0.2	Emulsifier
	SpecSufc® M68	Cetearyl Glucoside & Cetearyl Alcohol	0.05	Emulsifier
	SpecThem® GMS	Glyceryl Stearate	0.05	Emulsifier
	Dimethicone		1	Tactile Enhancers
	Squalane		1	Soft agent
	SpecKare® VEA	Tocopheryl Acetate	0.1	Antioxidant
	Hydroxyethyl Acrylate / Sodium Acryloyldimethyl Taurate Copolymer		0.5	Stabilizer Assist emulsification
B	SpecThem® SCB21	Acrylates/C10-30 Alkyl Acrylate Crosspolymer	0.1	Stabilizer
	Butylene Glycol		3	Humectant
	Glycereth-26		2	Humectant
	Water		To 100	
	Cyclodextrin		0.1	Stabilizer
	SpecKare® NMF50	Betaine	2	Humectant
	SpecKare® TRHL	Trehalose	2	Humectant
	Disodium EDTA		0.05	Chelating Agent
	SpecKare® ALLA	Allantoin	0.05	Conditioning Agent
C	Arginine		0.1	pH controlling agent
D	SpecKare® HAL	Sodium Hyaluronate	2	Humectant
	SpecPure® Aqua GBE	Ginkgo Biloba Leaf Extract	0.5	Anti-photoaging
	ParbFree® PE91	Phenoxyethanol & Ethylhexylglycerin	0.8	Preservative
	Fragrance		0.1	

Procedure:

1. Disperse SCB21 in hot water(about 85 ℃), mix at 85 ℃ until homogeneous;
2. Add the rest of B group and mix at 85 ℃.
3. Mix A part and heat to 85 ℃; mix A and B, homogenize for 5min.
4. Cool to 60 ℃, add C, cool to 45 ℃, add D, cool to room temperature.

Properties:

Appearance	Brown liquid
pH	6.02(1:10 aqueous solution)
Viscosity	720(25 ℃, 4 #, 30 rpm, mpa·s)
Stability	45 ℃ for a month; -18 ℃ for a month