

Correct + Protect Primer with Replexium®

Broad Spectrum Protection

UV-US-18-34984-70

 **BASF**
We create chemistry

Phase	Ingredients	INCI	% by weight	Function
A	Water, demin.	Aqua	67.45	
	Eumulgin® SG	Sodium Stearoyl Glutamate	0.20	Emulsifier (O/W)
	Euxyl PE 9010 (Schülke)	Phenoxyethanol, Ethylhexylglycerin	1.00	Preservative
B	Cosmedia® SP	Sodium Polyacrylate	0.85	Rheology modifier
	Glycerin	Glycerin	3.00	Humectant
C	Plantapon® LGC SORB	Sodium Lauryl Glucose Carboxylate (and) Lauryl Glucoside	1.50	Emulsifier (O/W)
D	Dehymuls® PGPH	Polyglyceryl-2 Dipolyhydroxystearate	4.00	Emulsifier (W/O)
	Cetiol® Ultimate	Undecane, Tridecane	2.00	Emollient
	Cetiol® CC	Dicaprylyl Carbonate	3.00	Emollient
	Uvinul® MC 80	Ethylhexyl Methoxycinnamate	4.00	UV-B filter
	Uvinul® N 539T	Octocrylene	6.00	UV-B filter
	Neo Heliopan 357 (Symrise)	Butyl Methoxydibenzoylmethane	3.00	UV-A filter
	Neo Heliopan OS (Symrise)	Ethylhexyl Salicylate	2.00	UV-B filter
E	Replexium™ BC10091	Aqua, Dimethyl Isosorbide, Polysorbate 20, Acetyl Tetrapeptide-11, Acetyl Tetrapeptide-9	2.00	Active ingredient

Specifications

pH value (23°C)	5.6 - 6.10
Viscosity (Brookfield; DV-E; spindle 4; 10 rpm; 23°C)	540 - 2000 cP

Care
Creations

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Performance

CW (Broad Spectrum Classification according to FDA rule)	(BASF Sunscreen Simulator - in silico determination of the Critical Wavelength (FDA rule))	374
SPF in silico	(BASF Sunscreen Simulator - in silico determination of the sun protection factor)	21

Manufacturing Process

I. Combine phase A ingredients and mix well.II. Pre-mix phase B and add to phase A while mixing, allow gel to form.III. Add phase C to phase A/B mixing slowly, avoid incorporation of air, then heat to 75-80C.IV. Combine phase D and heat to 75-80C.V. Add phase D to batch while homogenizing until uniform at medium to high speed (2-3 minutes).VI. Transfer to propeller mixing and start cooling. Add phase E below 40C. Stop mixing at room temperature.

Additional information

No additional information available

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