

DAILY ANTI-PHOTOAGING CREAM SPF 15 UVA

SG 01/18-5

PHASE	INGREDIENTS	% W/W
A	TEGO® Care PBS 6 MB (Polyglyceryl-6 Stearate (and) Polyglyceryl-6 Behenate)	3.00
	TEGOSOFT® XC MB (Phenoxyethyl Caprylate)	8.00
	TEGOSOFT® DEC (Diethylhexyl Carbonate)	5.00
	TEGIN® M Pellets MB (Glyceryl Stearate)	3.00
	TEGO® Alkanol 1618 (Cetearyl Alcohol)	2.00
	TEGOSOFT® MM MB (Myristyl Myristate)	1.00
	ABIL® 350 (Dimethicone)	0.50
	Phytosphingosine SLC (Salicyloyl Phytosphingosine)	0.10
	TEGO® Feel C 10 (Cellulose)	0.50
	Diethylamino Hydroxybenzoyl Hexyl Benzoate	2.50
	Homosalate	6.00
	Tocopheryl Acetate	0.50
	B	Water
Sodium Hydroxide		0.42
Eusolex 232 (Phenylbenzimidazole Sulfonic Acid)		3.00
C	Water	46.10
	Glycerin	3.00
	TEGO® Pep 4-17 (Tetrapeptide-21; Glycerin; Butylene Glycol; Aqua)	1.00
	TEGO® Cosmo C 100 (Creatine)	0.50
D	Keltrol CG-SFT (Xanthan Gum)	0.70

E	Verstatil® PC (Phenoxyethanol; Caprylyl Glycol)	1.10
	Perfume	0.50

Processing

1. Heat phase A to approx. 80 °C.
2. Weigh in the ingredients of phase B in the given order and wait until each single ingredient is dissolved. pH value of phase B must be between 7.0 - 7.5. Heat phase B to approx. 80 °C.
3. Prepare phase C and heat to approx. 80 °C.
4. Combine phase B/C and heat to approx. 80 °C.
5. Add phase B/C without stirring to phase A.
6. Homogenize.
7. Add ingredients of phase D in the given order at approx. 35 °C. Stir well.
8. Cool down with simple stirring.

Remarks

Viscosity: 21 Pas (Brookfield RV DV-I, sp. 93, 10 rpm)
pH value: 6.3 - 6.5
SPF (calculated): 17, UVA-Balance: 36%
Antimicrobial effectiveness testing: challenge test passed.

Stability Proven

Microbiological Safety Challenge test passed

Disclaimer:

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