

PROTECTING SKIN DEFENCE MIST♂

HB 8/18-7

O/W Spray based on verstatile emulsifier TEGO® Care PBS 6 MB loaded with skin-loving oils. The biotechnologically optimized extract NeoPlanta® Withania has a protective effect against modern lifestyle influenced stress factors.

PHASE	INGREDIENTS	% W/W
A	TEGO® Care PBS 6 MB (Polyglyceryl-6 Stearate (and) Polyglyceryl-6 Behenate)	3.00
	TEGO® Alkanol 1618 (Cetearyl Alcohol)	0.20
	TEGOSOFT® OER MB (Oleyl Erucate)	3.00
	TEGOSOFT® DC MB (Decyl Cocoate)	4.00
	TEGOSOFT® SH (Stearyl Heptanoate)	1.00
	TEGOSOFT® CR MB (Cetyl Ricinoleate)	0.50
	dermosoft® GMCY MB (Glyceryl Caprylate)	0.30
B	Water	51.01
	Glycerin	0.75
	Keltrol CG-SFT (Xanthan Gum)	0.20
C	Water	30.00
	KELCOGEL CG-HA (Gellan Gum)	0.04
D	NeoPlanta® Withania (Withania somnifera root extract, Glycerin, Water)	2.50
	dermosoft® 1388 eco (Glycerin; Aqua; Sodium Levulinate; Sodium Anisate)	3.50
E	Sodium Hydroxide (10 % sol. in water)	q.s.

Processing

1. Disperse Gellan Gum in water while stirring. Heat to approx. 85 °C and keep temperature while stirring for 30 minutes.
2. Heat phase A and B separately to approx. 75 °C.
3. Add phase A to phase B with stirring.
4. Homogenize until uniform.
5. Add phase C and homogenize for a short time.
6. Cool down with gentle stirring and add phase D below 40 °C.

7. Cool down with stirring to approx. 30 °C and adjust pH value to approx. 5.5 with phase E.

Remarks

Viscosity: 6 Pas (Brookfield RVT, sp. 4, 5 rpm)

Natural content cn (incl. water, ISO 16128): 82.2%^o

Natural origin content cno (incl. water, ISO 16128): 99.9%

Antimicrobial effectiveness testing : Challenge test passed

Viscosity 6 Pas (Brookfield RVT, sp. 4, 5 rpm)

pH Value 5.5

Stability Proven

Microbiological Safety Challenge test passed

Disclaimer:

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