

After Sun Cooling Gel

L014-44.34-0112

Claims: refreshing oil free gel texture with cooling effect
calms and soothes the sun-damaged skin
provides moisture and prevents inflammation

Phase	Ingredient	INCI	Supplier	%
A	Deionised Water	Aqua		75.40
	dermofeel® PA-3	Sodium Phytate, Aqua, Alcohol	Dr.Straetmans	0.10
	Glycerol (85%)	Glycerin, Aqua	Merck	3.00
	Dragocolor LBMFST Brillantblau FCT 42090 (sol. 0.1%)	656601	Symrise	0.20
	RonaCare Ectoin	Ectoin	Merck	0.30
	Allantoin	Allantoin	Merck	0.10
A1	Carbopol 980	Carbomer	Gattefossé / Noveon	0.75
B	dermosoft® OMP	Methylpropanediol; Caprylyl Glycol; Phenylpropanol	Dr.Straetmans	3.00
	Perf. Sugar Ray 446113	Parfum	Symrise	0.10
	symbio®solv XC	Caprylyl/Capryl Wheat Bran/Straw Glycosides, Aqua, Fusel Wheat Bran/Straw Glycosides, Polyglyceryl-5 Oleate, Sodium Cocoyl Glutamate, Glyceryl Caprylate	Dr.Straetmans	2.00
B1	Deionised Water	Aqua		10.00
C	Ethanol (86%)	Alcohol	Merck	5.00
	Menthol	Menthol	Merck	0.05
	Sodium Hydroxide (sol. 10%)	Sodium Hydroxide	Merck	q. s.
				100.00

Manufacturing Procedure:

1. Premix phase A and disperse phase A1 until completely dissolved.
2. Premix phase B until it is homogenous, then dissolve it in phase B1.
3. Add phase B to phase A/A1 under medium stirring.
4. Premix phase C and add to A/A1/B under stirring. Adjust pH if necessary.

Specification Values:

Appearance: clear light blue gel.

pH value: 5.0 – 6.0.

Viscosity (Brookfield: Helipath TF; Speed 10): Approx. 20.000 – 30.000 mPa·s.

Centrifugation (4.000 rpm, 15 min.): No separation.

Stability: More than 3 months stable at 20 °C, 40 °C and 4 °C.

Microbiological Stability: Proven

Disclaimer:

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