

Day Cream

S 904

Claims: Preservative free
UV-Protection
Anti aging

Phase	Ingredient	INCI	Supplier	%
A	Deionised Water	Aqua		56.15
	dermofeel® PA-3	Sodium Phytate, Aqua	Dr. Straetmans	0.05
	Glycerol	Glycerin		2.00
	dermosoft® Octiol	Caprylyl Glycol	Dr. Straetmans	0.50
B	Keltrol F	Xanthan Gum	CP Kelco	0.40
	Pemulen TR-1	Acrylates/C10-30 Alkyl Acrylate Crosspolymer	Noveon	0.25
	Carbopol Ultrez 10	Carbomer	Noveon	0.30
C	Deionised Water	Aqua		20.00
	dermosoft® 688	Parfum	Dr. Straetmans	0.10
	Sodium Hydroxide (sol.10%)	Sodium Hydroxide	Merck	1.10
D	dermofeel® SL	Sodium Stearoyl Lactylate	Dr. Straetmans	2.00
	dermofeel® PS	Polyglyceryl-3 Stearate	Dr. Straetmans	2.00
	Cetiol V	Decyl Oleate	Cognis	6.00
	Parsol 1789	Butyl Methoxydibenzoylmethane	Roche	0.70
	Neo Heliopan AV	Ethylhexyl Methoxycinnamate	Symrise	6.00
	dermofeel® Toco 70	Tocopherol, Helianthus Annuus (Sunflower) Seed Oil	Dr. Straetmans	0.05
E	Parf. Lifetime 446614 (SCCNFP-sensitizer free up to 10% use-level)	Parfum	Symrise	0.25
	Amihope LL	Lauroyl Lysine	Ajinomoto	0.15
	Radicare	Aqua, Melissa Officinalis, Disodium Rutinyl Disulfate, Hordeum Distichon	Rahn AG	0.50
	Vitaderm	Alcohol, Aqua, Glycerin, Hydrolyzed Wheat Protein, Ilex Aquifolium, Sodium Ursolate, Sodium Oleanoate	Rahn AG	1.50
				100.00

Manufacturing Procedure:

- Heat phase A up to 78 °C. Disperse Keltrol, Pemulen and Carbopol.
- Predissolve C at 78 °C. **dermosoft® 688** should be completely dissolved (pH: 5.0 – 5.5).
- Heat phase D to 78 °C. Emulsify phase D to phase A/B under stirring. Homogenize for 1-2 min. using an Ultra Turrax. Add phase C under stirring.
- Start to cool down to 32 °C under stirring. Add ingredients of phase E.

Specification Values:

Appearance: White emulsion.

pH: 5.0 – 5.5.

Viscosity (Brookfield: Spindle 6; Speed 10): Approx.20.000 mPa·s.

Centrifugation (5.000 rpm, 2.900 RZB, 10 min.): No separation.

Stability:

Stable for more than 3 months at 20°, 40°, 4 °C.

Microbiological Stability: Proven.

Disclaimer:

The information contained herein is meant to demonstrate how our products can be used. The given data are suggestions without any guarantee aimed to support customers' development. As production conditions at our customers' facilities are beyond our control we refuse to accept any liability involved in the use of our products. Please observe possible third party patent rights.

Dr. Straetmans Chemische Produkte GmbH, Merkkuring 60-62, D-22143 Hamburg, Germany
T +49 (0)40-66 93 56-0, F +49 (0)40-66 93 56-10, info@dr-straetmans.de

<http://www.dr-straetmans.de/>