

DNA PROTECTION DAY CREAM

ID-number
pH-value
appearance

FACE Care/RC 167
approx. 6.5
slightly yellow emulsion
SPF in vivo 11.0 (Colipa)

Phase	Substance	INCI Name EU	Pos.	% [w/w]
A	Water demin	Aqua	1	54.30
	Glycerin 86%	Glycerin	1	3.00
	Tinosorb M	Methylene bis-Benzotriazolyl	5	4.00
		Tetramethylbutylphenol, Aqua, Decyl Glucoside, Propylene Glycol, Xanthan Gum		
B	Carbopol Ultrez-20	Acrylates/C10-30 Alkyl Acrylate Crosspolymer	2	0.20
C	Sisterna SP-70C	Sucrose Stearate	3	1.00
	Tinosorb S	Bis-Ethylhexyloxyphenol	5	1.50
		Methoxyphenyl Triazine		
	Amphisol K	Potassium Cetyl Phosphate	7	2.00
	Lanette O	Cetearyl Alcohol	11	2.00
	Myritol 312	Caprylic/Capric Triglyceride	11	18.00
	Neo Heliopan 303	Octocrylene	8	3.00
	Parsol 1789	Butyl Methoxydibenzoylmethane	7	1.50
	Euxyl PE 9010	Phenoxyethanol, Ethylhexylglycerin	6	1.00
Keltrol CG- SFT	Xanthan Gum	9	0.40	
D	NaOH-solution 10%	Sodium Hydroxide, Aqua	1	1.00
E	Water demin	Aqua	1	5.00
	Disodium EDTA	Disodium EDTA	1	0.10
F	CELLIGENT®	Helianthus Annuus Seed Oil, Ethyl Ferulate, Polyglyceryl-5 Trioleate, Rosmarinus Officinalis Leaf Extract, Aqua, Disodium Uridine Phosphate	10	2.00

Production

Prepare A
Add B whilst stirring, heat to 75°C
Mix C until the phase is homogenous, heat to 75°C
Add C to A/B, homogenize shortly
Add D and E, homogenize until homogenous
Cool down to 40°C whilst stirring
Add F to the emulsion
Homogenize again, cool down to 25°C whilst stirring

Pos. Manufacturer

1 Several
2 Lubrizol, USA
3 Sisterna B.V., Netherland
5 Ciba, Switzerland
6 Schülke & Mayr, Germany
7 DSM, Netherland
8 Symrise, Germany
9 CP Kelco, USA
10 RAHN AG, Switzerland
11 Cognis, Germany

Disclaimer:

The information contained herein is, to our best knowledge, true and accurate, but all recommendations or suggestions are made without guarantee. It shows a formula thought as a support by developing with our raw materials.