

Basic Sun Cream (SPF 30)

ID	SUN Care / 700266.0002	ID-No: 001.001
pH-value	5.5-6.0	
Appearance	Slightly yellowish cream	
Product Form	Emulsion O/W	
Claims	Light and non-sticky skin feel; Broad spectrum sun protection cream; Moisturizing	

St	Substance	INCI Name USA	% w/w	Manufacturer
1	Water demin.	Water	56.60	several
	Glycerin 85%	Glycerin, Water	4.00	several
2	Carbopol Ultrez-20	Acrylates/C10-30 Alkyl Acrylate Crosspolymer	0.25	Lubrizol, US
3	Dermofeel GSC	Glyceryl Stearate Citrate	2.50	Evonik, DE
	Tego Alkanol 1618	Cetearyl Alcohol	1.50	Evonik, DE
	Tegosoft XC	Phenoxyethyl Caprylate	8.00	Evonik, DE
	Parsol HMS	Homosalate	10.00	DSM, NL
	Parsol EHS	Ethylhexyl Salicylate	5.00	DSM, NL
	Uvinul T 150	Ethylhexyl Triazone	1.00	BASF, DE
	Parsol 1789	Butyl Methoxydibenzoylmethane	3.00	DSM, NL
	Synoxyl HSS	Trimethoxybenzylidene Pentanedione	2.00	Evonik, DE
	Keltrol CG-SFT	Xanthan Gum	0.15	CP Kelco, US
4	L-Arginine solution 10%	Water, Arginine	2.00	Ajinomoto, JP
5	Verstabil PC	Phenoxyethanol, Caprylyl Glycol	1.00	Evonik, DE
	Ethanol 94% denat.	Alcohol, Water	3.00	several

Production

Mix 1, add Carbopol to the surface and let it moisten; heat to 75°C / Prepare 3, heat to 75°C / Add 3 to 1 while stirring, homogenise strongly till a homogeneous and bright emulsion appears / Add 4 while stirring / Cool down to 40°C while stirring / Add 5, homogenise slightly / Cool down to 25°C while stirring.

Stability: Stable for more than 3 months at 5°, 25°, 40°C

Microbiological Stability: Proven

Disclaimer

Utilisation of this document or parts thereof as well as product names for commercial or industrial applications is subject to explicit written approval by RAHN AG. This information is based on our own experience to date and we believe it to be reliable. It is intended only as a guide to use at your discretion and risk. We cannot guarantee favourable results and we assume no liability in connection with its use, or the use of the methods or products described. None of this information is to be taken as a license to operate under, or a recommendation to infringe, patents.

Version: 04/2020