

Millennials' sun essence SPF 30

High glide
and soft feel



Millennials' sun essence SPF 30

High glide and soft feel

Apply and have fun with this easy-spreading and light texture, offering a soft feel.

PHASE	INGREDIENTS	INCI NAME	% W / W	SUPPLIER
A	PARSOL® 1789	Butyl Methoxydibenzoylmethane	3.00	100288
	PARSOL® 340	Octocrylene	8.00	100288
	PARSOL® EHS	Ethylhexyl Salicylate	5.00	100288
	PARSOL® SLX	Polysilicone-15	1.50	100288
	PARSOL® Shield	Bis-Ethylhexyloxyphenol Methoxyphenyl Triazine	1.50	100288
	Dermofeel® BGC	Butylene Glycol Dicaprylate/Dicaprate	2.00	100491
	Montanov 202	Arachidyl Alcohol, Behenyl Alcohol, Arachidyl Glucoside	1.60	100313
	MONTANOX 60 DF	Polysorbate 60	0.40	100313
	Cetiol Ultimate	Undecane, Tridecane	2.00	100037
	AMPHISOL® K	Potassium Cetyl Phosphate	0.30	100288
	Sepiplus 400	Polyacrylate-13, Polyisobutene, Polysorbate 20	0.50	100313
B	Water Dem.	Aqua	60.60	
	Edeta BD	Disodium EDTA	0.05	100037
	PARSOL® HS	Phenylbenzimidazole Sulfonic Acid	2.00	100288
	Tris(hydroxymethyl)aminomethane	Tromethamine	1.00	100230
	Zemea Propanediol	Propanediol	2.00	101015
	Keltrol CG-T	Xanthan Gum	0.15	100400
	HYALURONIC ACID-BT	Sodium Hyaluronate	0.25	100288
	Niacinamide PC	Niacinamide	1.00	100288
C	Ethanol Abs	Alcohol	6.00	100230
	Euxyl PE 9010	Phenoxyethanol, Ethylhexylglycerin	1.00	100444
	Sunlight	Parfum	0.15	100668

SU-E-101286-06

PROCEDURE

1. Heat A to 85°C under stirring.
2. Heat B to 80°C under stirring.
3. Add B to A and homogenize 1 min.
4. Cool down to 30°C under gentle stirring.
5. Add C and stir for 5 min and check the final pH (7.0-7.4).

TECHNICAL DATA

pH:	7.10	Viscosity (Brookfield RV4/10rpm):	14000 mPas
SPF <i>in vivo</i>:	41.1	<i>In vitro</i> UVAPF (Colipa 2011):	13.6
		UVAPF/SPF (30 labeled);	0.45
		Critical Wavelength:	382 nm
		(Measurement done with Labsphere equipment)	

SUPPLIERS

100288	DSM Nutritional Products Ltd
100491	Dr. Straetmans
100313	Seppic
100037	BASF
100668	Technicoflor
100230	Merck KGaA
101015	Dupont Tate & Lyle Bioproducts
100400	CP Kelco
100444	Schülke & Mayr GmbH
100668	Technicoflor

Regulatory compliance in EU, APAC and LATAM for UV filters in formulation.

This information is for illustration purposes only and based upon our current knowledge and experience at the time of printing. We do not make any representation or warranty of any kind, express or implied, including merchantability or fitness for a particular use, with respect to such information or its application. Use of this information is at your discretion and risk. Nothing herein relieves you from carrying out your own suitability determinations and tests. You are responsible for observing all laws and regulations relevant to your products, uses or processes. We do not assume any liability in connection with your product and its use. The foregoing information and suggestions are also provided without warranty of non-infringement as to the intellectual property rights of third parties, and shall not be construed as any inducement to infringe the rights of third parties.

DSM Nutritional Products, Personal Care, P.O.Box 2676, CH-4002 Basel, Switzerland