

Men's scalp protection SPF 30

Powdery touch for non-greasy hair

Phase	Ingredients	INCI Name	% w / w	Supplier
A	PARSOL® 340	OCTOCRYLENE	8.00	100288
	PARSOL® 1789	BUTYL METHOXYDIBENZOYLMETHANE	4.00	100288
	PARSOL® SLX	POLYSILICONE-15	2.00	100288
	PARSOL® EHS	ETHYLHEXYL SALICYLATE	4.00	100288
	Lanette 18	STEARYL ALCOHOL	2.50	100037
	Finsolv TN	C12-15 ALKYL BENZOATE	3.00	100627
	Cetiol C5	COCO-CAPRYLATE	3.00	100037
	Dow Corning 200 Fluid 100 CST	DIMETHICONE	2.00	100099
	Euxyl PE 9010	PHENOXYETHANOL, ETHYLHEXYLGLYCERIN	1.00	100444
	VALVANCE™ Touch 210	SILICA	2.00	100288
	Sepinov EMT 10	HYDROXYETHYL ACRYLATE/SODIUM ACRYLOYLDIMETHYL TAURATE COPOLYMER	1.30	100313
B	WATER DEM.	AQUA	48.53	999999
	Edeta BD	DISODIUM EDTA	0.10	100037
	TILAMAR® FIX A1000	ACRYLATES COPOLYMER	0.24	100288
	Sodium Hydroxide Pellets	SODIUM HYDROXIDE	0.03	100230
C	1,3-Butylenglycol	BUTYLENE GLYCOL	3.00	100658
	Keltrol CG-T	XANTHAN GUM	0.20	100400
D	AMPHISOL® K	POTASSIUM CETYL PHOSPHATE	2.00	100288
E	WATER DEM.	AQUA	10.00	999999
	Sodium Hydroxide Pellets	SODIUM HYDROXIDE	0.30	100230
	PARSOL® HS	PHENYLBENZIMIDAZOLE SULFONIC ACID	2.00	100288
F	D-Panthenol 75 L	PANTHENOL, AQUA	0.10	100288
	PENTAVITIN®	SACCHARIDE ISOMERATE, AQUA, CITRIC ACID, SODIUM CITRATE	0.30	100288
	TG 1683 Aloe Love	PERFUME	0.30	999999
G	Sodium Hydroxide Solution	AQUA, SODIUM HYDROXIDE	0.10	100230

SU-E-101112-55

Procedure

1. Heat A to 80°C and B to 85°C.
2. Add C (manually premixed) and D to B.
3. Add A to B+C+D and homogenize with high shear.
4. Add E and homogenize again with high shear.
5. Cool down to room temperature under gentle stirring.
6. At temperature below 30°C add F and G.

Technical Data

pH: 7.0

Viscosity (Brookfield RV5/10rpm): 12 000 mPas

SPF in vivo: 40

(According to ISO SPF Test Method)

In vitro UVAPF (Colipa 2011): >10

UVAPF/SPF (30 labeled); >= 0.33: >0.33

Critical Wavelength: >370 nm

(Measurement done with Labsphere equipment)

Supplier

100037 BASF AKTIENGESELLSCHAFT
 100627 INNOSPEC LIMITED
 100444 SCHÜLKE & MAYR GMBH
 999999
 100658 GEORGES WALTHER AG

100288 DSM NUTRITIONAL PRODUCTS LTD
 100099 DOW CORNING EUROPE
 100313 SEPPIC
 100230 MERCK KGAA
 100400 CP KELCO

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

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