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créations couleurs

Sun Cream with SPF + 50

High protection sun cream with a natural looking colour. Biomethics® Emulsifier is fully natural emulsifier with excellent skin compatibility. It does not disrupt skin's natural barrier. Mixture of two different sizes of Creasperse® UV dispersions allows high SPF protection without tackiness. Creasperse® colour dispersions are easy to use and allow an even colour development. Hectone® VS stablises and prevents the sedimentation of the pigments. Creanatural® Vegetable Squalane brings skin care benefits to the formulation. Creasil® improves the application qualities.

Ingredients	INCI Name	Qty%	Supplier
Phase A			
Biomethics® Emulsifier SolanumW/O	Solanum Tuberosum (Potato) Starch (and) Helianthus Annuus (Sunflower) Seed Oil (and) Hydrogenated Lecithin (and) Helianthus Annuus (Sunflower) Wax (and) Limnanthes Alba (Meadowfoam) Seed Oil (and) Xanthan Gum (and) Chlorphenesin	4,00	1)
Hectone® VS	Vegetable Squalane (and) Disteardimonium Hectorite (and) Propylene Carbonate	5,00	1)
	Citrus Aurantium Dulcis (Orange) Peel Oil	0,50	
	Tocopherol	0,50	
	Dehydroacetic Acid	0,10	
	Butyrospermum Parkii (Shea Butter)	2,00	1)
Creanatural® Vegetable Squalane	Squalane	6,00	1)
Creasil® IH CG	Isohexadecane	14,00	1)
	Vitis Vinifera (Grape) Seed Oil	4,00	1)
Phase B			
	Water	q.s.	
	Glycerin	2,00	
	Disodium EDTA	0,05	
	Chlorphenesin	0,20	
	Sodium Dehydroacetate	0,15	
	Xanthan Gum	0,20	
Phase C			
Creasperse® TR 22 AF 65	Titanium Dioxide (and) Hydrogenated Polydecene (and) Hydroxystearic Acid	18,50	1)
Creasperse® TR 35 AF 65	Titanium Dioxide (and) Hydrogenated Polydecene (and) Hydroxystearic Acid	9,20	1)
Creasperse® Black	Iron Oxides (and) Hydrogenated Polydecene (and) Hydroxystearic Acid	0,05	1)
Creasperse® White R	Titanium Dioxide (and) Hydrogenated Polydecene (and) Hydroxystearic Acid	4,05	1)
Creasperse® Yellow	Iron Oxides (and) Hydrogenated Polydecene (and) Hydroxystearic Acid	0,90	1)
Creasperse® Red	Iron Oxides (and) Hydrogenated Polydecene (and) Hydroxystearic Acid	0,30	1)

SPF in vitro: 85,5 **UVA Ratio: 0,75** **Star Category: ***** **Critical Wavelength: 382nm**

Procedure:

1. Heat up phase A to temperature of 70^0 C - 75^0 C and keep under agitation 500-600rpm until homogenious.
2. Heat up phase B to temperature of 70^0 C - 75^0 C and keep under agitation 500-600rpm until homogenious.
3. Add phase B into phase A under strong agitation (900-1200rpm) and keep agitated for 15 minutes.
4. Cool down the mixture (A+B) to temperature below 30°C.
5. Add phase C into the mixture (A+B+C), and homogenize 6000rpm for 2 minutes.
6. Add phase D under strong agitation (900-1200rpm) until homogenious.

Suppliers: 1) CIT SARL/COSMO CHEM SARL

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