

Tinted Sun Cream with SPF +50

High protection sun cream which develops a natural looking colour upon application. 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. Hectone® VS stabilises and prevents the sedimentation of the pigments. Creanatural® Vegetable Squalane brings skin care benefits to the formulation. Creasil® improves the application qualities. Colourspheres® are spherical colourants, which allow a transformation colour application. Ideal for foundations as they create an illusion of luminosity and smoothness on the skin.

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) Distearidimonium Hectorite (and) Propylene Carbonate	5,00	1)
	Palm Oil Aminopropanediol Esters	0,50	1)
	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	12,00	1)
Creasperse® TR 35 AF 65	Titanium Dioxide (and) Hydrogenated Polydecene (and) Hydroxystearic Acid	11,00	1)
Phase D			
Coloursphere® White R HB WL 10	Titanium Dioxide and Styrene/Acrylates copolymer and Methicone (and) PEG 26 – PPG 30 Phosphate	6,00	1)
Coloursphere® Yellow HB WL 10	Iron Oxides (and) Styrene/Acrylates Copolymer (and) Dimethicone (and) PEG 26 – PPG 30 Phosphate	0,50	1)
Coloursphere® Red HB WL 10	Iron Oxides (and) Styrene/Acrylates Copolymer (and) Methicone (and) PEG 26 – PPG 30 Phosphate	1,80	1)

SPF in vitro : 128,0

UVA Ratio : 0,77

Star Category : ***

Critical Wavelength : 379nm

Procedure:

1. Heat up phase A to temperature of 70° C - 75° C and keep under agitation 500-600rpm until homogenous.
2. Heat up phase B to temperature of 70° C - 75° C and keep under agitation 500-600rpm until homogenous.
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 moderate agitation until homogenous.

Suppliers: 1) CIT SARL/COSMO CHEM SARL

Note: Information contained in this technical literature is believed to be accurate and is offered in good faith for the benefit of the consumer. The company, however, cannot assume any liability or risk involved in the use of its formulations or chemical products, since the conditions of the use are beyond our control. Statements concerning the possible use of our products are not intended as recommendations to use products in the infringement of any patent. The information is for industrial and research use only. These formulations are not tested. We make no warranty of any kind, expressed or implied.



Cosmetics Innovations & Technologies

6 rue Jules Padeloup • 28109 Dreux Cedex •
FRANCE