

Waterfree Sun Cream

Combination of completely photostable lipids provides safe sun protection for the skin . Waterfree cream gives water resistancy with amazingly smooth and light application. Creanatural® Vegetable Squalane is a completely photostable vegetable oil ideal for sun care applications. Dedraflow® 5 is a hypoallergenic, volatile emollient and can be used as replacement to cyclomethicone. Creagel® Crystal ID offers water resistancy with its film forming properties. Gel type texture of Creagel® Crystals suits well water free applications. Hectone® DF works as thickener with smooth application. Siltext® Mat is a texture enhancer and gives matte, non-greasy skin feel to the product. Combination of two Creasperse® UV dispersions provides high SPF and UVA protection without any risk of sedimentation. Ready-made dispersion are easy to use and give even application.

Ingredients	INCI Name	Qty%	Supplier
Phase A			
Creanatural® Vegetable Squalane	Squalane	2,00	1)
Dedraflow® 5	Hydrogenated Polyisobutene	6,00	1)
	Glyceryl Linoleate (and) Glyceryl Oleate (and) Glyceryl Linolenate	2,00	1)
	Tocopherol Acetate	1,00	
Creagel® Crystal ID	Isododecane (and) Ethylene/Propylene Copolymer	30,00	1)
Hectone® DF	Hydrogenated Polyisobutene (and) Distearidimonium Hectorite (and) Propylene Carbonate	10,00	1)
Siltext® Mat	Hydrogenated Polyisobutene (and) Dimethicone Crosspolymer	15,80	1)
Phase B			
Creasperse® TR22 AF65	Titanium Dioxide (and) Hydrogenated Polydecene (and) Hydroxystearic Acid	21,00	1)
Creasperse® TR35 AF65	Titanium Dioxide (and) Hydrogenated Polydecene (and) Hydroxystearic Acid	12,20	1)

SPF in vitro : 201,9

UVA Ratio : 0,90

Star Category : ****

Critical Wavelength : 383 nm

Procedure:

1. Mix ingredients in phase A together under moderate agitation until homogenous. No heating necessary.
2. Add phase B into phase A and stir carefully. Homogenize(6000rpm) the mixture for 2-3 minutes.

Suppliers:

- 1) CIT SARL/COSMO CHEM SARL

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