

Sun Cream with SPF 30+

Soft cold process sun cream with an even application. Biometrics® Emulsifier has good skin compatibility as it does not disrupt skin's barrier. It is an ideal alternative for cold process emulsions and suits delicate skin types. Creanatural® LAQ and Creabase® MSO are based on the non-oxydazing Meadowfoam Seed Oil. Rich in antioxidant, Meadowfoam Seed Oil is perfect for sun care application as it is a stable natural oil with skin care benefits. Alphaflow® is an hypoallergenic and photostable emollient. Creanatural® BioCollagen is natural film former with good moisture retention. Combination of two Creasperse® UV dispersions gives high SPF and UVA protection without risk of sedimentation.

Ingredients	INCI Name	Qty%	Supplier
Phase A			
Biometrics® Emulsifier	Solanum CPS O/W Solanum Tuberosum (Potato) Starch (and) Helianthus Annuus (Sunflower) Seed Oil (and) Water (and) Glycerin (and) Xanthan Gum	10,00	1)
Creanatural® LAQ	Limnanthes Alba (Meadowfoam) Seed Oil (and) Squalane (and) Beta Sitosterol	1,00	1)
Creabase® MSO	Limnanthes Alba (Meadowfoam) Seed Oil (and) Cera Alba (and) Hydrogenated Meadowfoam Seed Oil	1,00	1)
	VP/Hexadecene Copolymer	2,00	
	Glyceryl Linoleate (and) Glyceryl Oleate (and) Glyceryl Linolenate	2,00	
	Tocopheryl Acetate	1,00	
Alphaflow® 40	Hydrogenated Polydecene	5,00	1)
	Dimethicone	0,50	
Phase B			
	Water	q.s	
	Butylene Glycol	2,50	
	Glycerin	2,00	
	Disodium EDTA	0,05	
	Chlorphenesin	0,20	
	Xanthan Gum	0,20	
	Sodium Carboxymethylm Beta-Glucan	0,20	
Creanatural® BioCollagen	Water (and) Glycerine (and) Butylene Glycol (and) Zea Mays (Corn) Starch (and) Natto Gum (and) Methylparaben (and) Chlorphenesin	5,00	1)
	Hyaluronic Acid	0,05	
Phase C			
Creasperse® TR 22 AF 65	Titanium Dioxide (and) Hydrogenated Polydecene (and) Hydroxystearic Acid	14,00	1)
Creasperse® TR 35 AF 65	Titanium Dioxide (and) Hydrogenated Polydecene (and) Hydroxystearic Acid	8,00	1)

SPF in vitro : 74,30

UVA Ratio : 0,65

Star Category : ***

Critical Wavelength : 374nm

Procedure:

1. Mix ingredients in phase A together under moderate agitation until homogenous.
2. Mix ingredients in phase B together under moderate agitation until homogenous.
3. Add phase B into phase A under moderate agitation. Homogenize(6000rpm) the mixture (A+B) for 3-5 minutes.
4. Add phase C into the mixture (A+B) and stir carefully until homogenous. No heating necessary.

Suppliers:

- 1) CIT SARL/COSMO CHEM SARL

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