

Creasperse® Milky Screen SPF +100

Protecting low viscosity sun care product with a maximum SPF protection for very delicate skin. The product is based on natural emulsifier, Biomethics® Emulsifier Solanum W/O, which is ideal for water in oil systems. Biomethics® Emulsifier has excellent skin compatibility and it does not disrupt skin's natural barrier. Creasil® IH CG is a very photostable and light lipid, which combines well with Creasperse® TR14 AF50, a photostable dispersion based on transparent ultrafine TiO₂.

Ingredients	INCI Name	Qty%	Supplier
Phase A			
Biomethics® Emulsifier Solanum W/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)
Creasil® IH CG	Isohexadecane	5,00	1)
Creasperse® TR14 AF 50	Titanium Dioxide (and) Hydrogenated Polydecene (and) Hydroxystearic Acid	76,00	1)
Phase B			
	Water	q.s.	
	Glycerin	2,00	
	Disodium EDTA	0,05	
	Hexamidine Diisethionate	0,05	
	Chlorphenesin	0,20	
Phase C			
	Parfum	0,35	

SPF in vitro : 114,3

UVA Ratio : 0,81

Star Category : **** Maximum

Critical Wavelength : 379 nm

Procedure:

1. Heat up phase A to temperature of 60° C - 70° C under slow agitation (400rpm).
2. Heat up phase B to temperature of 60° C - 70° C under slow agitation (400rpm).
3. Add phase B into phase A under strong agitation(800-900rpm) while heating for 20-30 minutes.
4. Homogenize(6000rpm) the mixture (A+B) for 5 minutes.
5. Cool down the mixture (A+B) to temperature below 35°C.
6. Add phase C under slow agitation (400rpm).
7. Adjust the pH value to 5,30 – 5,70.

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