



**PFI5134UV**  
**30/09/20**

### Idéal Soleil White SPF 50+

**Description:**

"Idéal Soleil White SPF 50+" is a sun cream that was developed to provide high SPF. Vegeflow® 10 ISO 16128 combined with Hectone® DF give a luxurious, rich and soft feel to the formulation. Creasperse® TR 35 AF UV 65 durably and efficiently protects the skin from UV rays.

**Key ingredients:**

- Vegeflow® 10 ISO 16128 is a naturally-derived dimethicone substitute that provides softness, emolliency and lubricity to formulations. It forms a non-occlusive film and works as a moisture barrier without blocking the skin.
- Creasperse® TR 35 AF UV 65 is a ready-to-use predispersed UV-filter based on Titanium Dioxide. It provides high SPF and water resistance, with a soft skin feel.
- Hectone® DF is a thickener and thixotropic additive based on predispersed organoclays. It imparts a soft and rich skin feel upon application. It acts as a SPF stabilizer as it prevents the sedimentation of UV-filters.

Ingredient	Phase	INCI Name	Qty%	Function
Biomeithics® W/O	A	Solanum Tuberosum Starch (and) Squalane (and) Limnanthes Alba (Meadowfoam) Seed Oil (and) Hydrogenated Lecithin (and) Xanthan Gum (and) Tocopherol (and) Preservative system according to customer's choice	3,00%	Emulsifier
Aqua Finlandia		Water (Mineral Water)	13,00%	Solvent
Vegeflow® 10 ISO 16128	B	Silica (and) Hydrogenated Vegetable Oil	30,75%	Silicone substitute, Emollient
Potassium Cetyl Phosphate		Potassium Cetyl Phosphate	3,00%	Texturizer
Hectone® DF		Hydrogenated Polyisobutene (and) Distearidimonium Hectorite (and) Propylene Carbonate	14,35%	Texturizer, Prevents sedimentation
Creasperse® TR 35 AF UV 65	C	Titanium Dioxide (and) Hydrogenated Polydecene (and) Alumina (and) Stearic Acid (and) Polyhydroxystearic Acid	30,00%	UV-filter
Dedraflow® 5 Luxe		Hydrogenated Vegetable Oil (and) Hydrogenated Polyisobutene	5,50%	Silicone substitute, Emollient
Preservative	D	Preservative system according to customer's choice	SQ	–

ISO 24443 *In Vitro* measurements    SPF: 115    UVA ratio: 0,597    UVA-PF: 15,48    Critical wavelength: 376

**Procedure**

Weigh phase A and heat up to 70-75°C under stirring.  
In the meantime, weigh phase B and heat up to 70-75°C under stirring.  
When both phases are homogeneous, pour B into A under strong stirring.  
Homogenize at 4000- 6000 rpm for 5 minutes.  
Leave to cool down under stirring.  
At room temperature, add phase C under stirring.  
Homogenize at 4000-6000 rpm for 5 minutes.  
Then, add phase D under stirring.

**ISO 16128 Indexes**

Natural Origin Content: 71,29%  
Natural Content: 14,88%  
  
Organic Origin Content: 0%  
Organic Content: 0%

**Important**

Hectone® DF should be homogenized before use.  
Creasperse® TR 35 AF UV 65 should be homogenized before use.  
Dedraflow® 5 Luxe should not be heated.