



**PFI4823UV**  
**09/03/20**

### Seamless & Weightless Fluid, SPF 50+

**Description:**

“Seamless & Weightless Fluid, SPF 50+” is a fully mineral sun care product that was designed to provide high SPF without leaving a white cast on the skin. It is transparent upon application thanks to Creasperse® UV Yellow/Fe2O3 DF HVO and imparts a soft and powdery feel after application. “Seamless & Weightless Fluid, SPF 50+” is photostable and totally safe due to SVHC free silicone substitutes.

**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® UVA HVO is a ready-to-use predispersed UV-filter based on Titanium Dioxide and Hydrogenated Vegetable Oil. It provides high water resistance and soft skin feel, without tackiness.
- Creasperse® UV Yellow/Fe2O3 DF HVO is a ready-to-use predispersed UV filter based on Iron Oxides and Hydrogenated Vegetable Oil. It provides high UVA protection and water resistance. It is extremely soft to the touch and non-tacky.

Ingredient	Phase	INCI Name	Qty%	Function
Vegeflow® 10 ISO 16128	A	Hydrogenated Vegetable Oil	43,63%	Natural Emolient
Creasperse® Broad UVB HVO 65		Titanium Dioxide (CI 77891) (and) Hydrogenated Vegetable Oil (and) Polyhydroxystearic Acid (and) Alumina	22,00%	UV-filter
Creasperse® UVA HVO		Titanium Dioxide (CI 77891) (and) Hydrogenated Vegetable Oil (and) Polyhydroxystearic Acid	17,37%	UV-filter
Novatext® Soft Focus 10 ISO 16128		Silica (and) Hydrogenated Vegetable Oil (and) Stearalkonium Hectorite (and) Propylene Carbonate	8,00%	Soft skin fee
Creasperse® UV Yellow/Fe2O3 DF HVO		Mica (and) Iron Oxides (CI 77492) (and) Hydrogenated Vegetable Oil (and) Polyhydroxystearic Acid (and) Isohexadecane (and) Iron Oxides (CI 77491)	2,00%	UV-filter
Eospoly® PA 4+		Silica (and) Titanium Dioxide	2,00%	UV-filter, Softness
Dextrin Palmitate	B	Dextrine Palmitate	5,00%	Viscosity modifier

ISO 24443 *In Vitro* measurements:    SPF: 422    UVA ratio: 13,97    UVA-PF: 30,21    Critical wavelength: 375,25

**Procedure:**

Weigh phase A and put under stirring until homogenization.  
Homogenize at 4000-6000 rpm for 5 minutes.  
Heat up to 90°C.  
Then, add phase B step by step under strong stirring.  
Leave under stirring until homogenization.  
When the mixture is homogeneous, stop heating and stirring.  
Leave to cool down at room temperature.

**ISO 16128 Indexes:**

Natural Origin Content: 90,61%  
Natural Content: 0%  
  
Organic Origin Content: 0%  
Organic Content: 0%

**Important:**

Creasperse® Broad UVB HVO 65 should be homogenized before use.  
Creasperse® UVA HVO should be homogenized before use.  
Creasperse® UV Yellow/Fe2O3 DF HVO should be homogenized before use.