



PFI5325UV  
03/02/2021

## Minimalist Sun Cream SPF 145, CW 378.45

### Description:

"Minimalist Sun Cream SPF 145, CW 378.45" provides high sun protection, with very few ingredients. Indeed, anhydrous formulas allow to avoid using surfactants and preservatives. This product is extremely soft to the touch thanks to SVHC-free silicone substitutes and leaves a powdery skin feel due to Eospoly® PA 4+. Creagel® Crystal 40 ISO 16128 gives a longlasting application, for an efficient sun protection.

### Key ingredients:

- Eospoly® PA 4+ is a physical UV-filter based on encapsulated silica beads. It provides high UVA protection and good coverage to powder formulations. Its particular shape gives an instant illusion of smoothness and luminosity.
- Hectone® HVO is a thickener and rheological additive based on predispersed organoclays. It imparts a soft and rich skin feel upon application. It also acts as a SPF stabilizer.
- 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.

Ingredient	Phase	INCI Name	Qty%	Function
Vegeflow® 10 ISO 16128	A	Hydrogenated Vegetable Oil	45,00%	Silicone substitute, Emollient
Hectone® HVO		Hydrogenated Vegetable Oil (and) Distearidimonium Hectorite (and) Propylene Carbonate	24,00%	Rheology modifier, Prevents sedimentation
Creagel® Crystal 40 ISO 16128		Hydrogenated Vegetable Oil (and) Ethylene/Propylene Copolymer	11,00%	Viscosity modifier, Thickener
Eospoly® PA 4+	B	Silica (and) Titanium Dioxide (and) Triethoxycaprylylsilane (and) Alumina	20,00%	UV-filter, Softness, Soft focus effect

ISO 24443 *In Vitro* measurements    SPF: 145    UVA ratio: 4,21    UVA-PF: 34,48    Critical wavelength: 378,45    UVA Pass: Not validated

### Procedure

Weigh phase A and put under stirring until homogenization.  
Homogenise at 6000 rpm for 30 secondes.  
Then add phase B under stirring.

### Physicochemical parameters

Zeta potential:  
-23,3 mV at pH 5.3

### ISO 16128 Indexes

Natural Origin Content: 95,38%  
Natural Content: 0%

Organic Origin Content: 0%  
Organic Content: 0%

### Important

Hectone® HVO should be homogenized before use.