



PFI4414UV
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Photostable & Safe Fluid SPF 50+ (ISO 16128)

Description:

Fluid SPF 50+ is an anhydrous sun care product designed for all skin types. It provides an incredible soft focus effect that instantly blurs imperfections, and high sun protection that lasts all day long. It is very soft to the touch and imparts a light skin feel, without greasiness. This product is photostable and totally safe as it contains no organic filters, just GRASE mineral filters.

Key ingredients:

- Creasperse® Broad UVB HVO 65 is a ready-to-use predispersed UV-filter based on Titanium Dioxide and Hydrogenated Vegetable Oil. It provides high SPF and water resistance, with a soft skin feel.
- Dedraflow® 5 Luxe is a SVHC-free silicone substitute based on a mixture of Hydrogenated Polyisobutene and Hydrogenated Vegetable Oil. It is an ultra soft volatile emollient, which provides a soft feel and an excellent spreadability to the formulation while improving its photostability.
- 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 by preventing the sedimentation of mineral UV filters.

Ingredient	Phase	INCI Name	Qty%	Function
Dedraflow® 5 Luxe	A	Hydrogenated Vegetable Oil (and) Hydrogenated Polyisobutene	28,28%	Emollient, Drying agent
Creasperse® Broad UVB HVO 65		Titanium Dioxide (CI 77891) (and) Hydrogenated Vegetable Oil (and) Polyhydroxystearic Acid	24,35%	UV-filter
Creasperse® UVA HVO		Titanium Dioxide (CI 77891) (and) Hydrogenated Vegetable Oil (and) Polyhydroxystearic Acid	17,37%	UV-filter
Hectone® HVO		Hydrogenated Vegetable Oil (and) Distearidimonium Hectorite (and) Propylene Carbonate	7,50%	Prevents sedimentation, Thixotropic
Creagel® Crystal 40 ISO 16128		Hydrogenated Vegetable Oil (and) Ethylene/Propylene Copolymer	7,50%	Film former, Texturizer
Novatext® UV ISO 16128	B	Hydrogenated Vegetable Oil (and) Silica (and) Titanium Dioxide (CI 77891)	15,00%	Soft focus agent, Softness

ISO 24443 *In Vitro* measurements: SPF: 163 UVA ratio: 4,45 UVA-PF: 36,61 Critical wavelength: 379,15

Procedure:

Weigh phase A and put under stirring until homogenization.
Homogenize at 4000 rpm during 5 minutes.
Then add phase B under stirring.
Let under stirring until homogenization.

ISO 16128 Indexes:

Natural Origin Content: 82,32%
Natural Content: 0%

Organic Origin Content: 0%
Organic Content: 0%

Important:

Dedraflow® 5 Luxe should not be heated.
Creasperse® Broad UVB HVO 65 should be homogenized before use.
Creasperse® UVA HVO should be homogenized before use.
Hectone® HVO should be homogenized before use.
Novatext® UV ISO 16128 should not be heated.