



PFI5357CS
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Minimalist Oxygen Serum

Description:

"Minimalist Oxygen Serum" is a very simple and yet, extremely efficient anti-ageing skin care formula. Indeed, using a few ingredients allows to select and boost one specific bioactivity. This light and fresh emulsion deeply hydrates the skin thanks to Nordic Beauty Birch Sap. Fiflow® SC loaded with O₂ increases skin microcirculation and oxygenation, resulting in improved collagen and elastin production.

Key ingredients:

- Fiflow® SC loaded with O₂ is neither water soluble, nor oil soluble liquid. It is a gas carrier, which boosts skin breathing. It enriches the oxygen level of the skin and gives an instantaneous dermal filling effect. Fiflow® SC is a strong dielectric enabler.
- Nordic Beauty Birch Sap is a pure, bioactive water from Nordic Nature. It is full of vitamins, minerals, sugars and trace elements. It rejuvenates, hydrates and protects the skin from environmental pollution.
- Creagel® EZ VF 10 is a new auto-emulsifier based on polymers and Hydrogenated Vegetable Oil (Vegeflow®), especially developed for cold processes. It can be used as primary or as co-emulsifier to create milky gel emulsions with a soft and non-tacky skin feel.

Ingredient	Phase	INCI Name	Qty%	Function
Nordic Beauty Birch Sap	A	Betula Alba Juice (and) Preservative system according to customer's choice	77,00%	Osmostic booster, Hydrating
Vegeflow® 10 ISO 16128	B	Hydrogenated Vegetable Oil	8,00%	Silicone substitute, Emollient
Creagel® EZ VF 10		Sodium Acrylate/Sodium Acryloyldimethyl Taurate Copolymer (and) Hydrogenated Vegetable Oil	5,00%	Auto-emulsifier
Fiflow® SC loaded with O ₂	C	Perfluorohexane (and) Perfluorodecalin (and) Perfluoroperhydrophenanthrene (and) Perfluorodimethylcyclohexane (and) Oxygen	10,00%	Anti-age, Anti-wrinkle, Oxygenating agent

Procedure

Weigh phase A and put under stirring.
Weigh phase B and put under stirring until homogenization.
When both phases are homogeneous, put B into A under strong stirring.
Adjust the pH around 5,3-6,5 if necessary.
Put the base in the fridge to cool it down to 10°C.
Then, add Fiflow® previously kept at 10°C.

Physicochemical parameters

Zeta potential:
-46,3 mV at pH 5.3
-74,2 mV at pH 7,38

Efficacy testing

2 subjects - on the forearm:
- Microcirculation increase of 31% after 5 min
- Hydration increase of 1390% after 5 min and 49% after 30 min

ISO 16128 Indexes

Natural Origin Content: 85,81%
Natural Content: 76,15%

Organic Origin Content: 76,17%
Organic Content: 76,15%

Important

Fiflow® SC loaded with O₂ should not be heated and airless packaging is recommended for the end product.
Fiflow® formulas should be made at 10°C temperature.