



PFI4970CS
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Protective Night Cream

Description:

With "Protective Night Cream", the magic of North and South products bring an incredible cream for sensitive and atopic skins. This light emulsion that was designed to be used at night, provides smoothness and protection due to Creanatural® Citrullus Vulgaris Seed Oil and Nordic Beauty Birch Sap. Fiflow® BTX increases skin oxygenation and cell renewal, resulting in a fresh looking skin in the morning.

Key ingredients:

- Creanatural® Citrullus Vulgaris Seed Oil is a natural, photostable oil that concentrates all the benefits of Kalahari Melon. It is rich in essential fatty acids and vitamin E. It repairs and smooths the skin while protecting it from premature aging.
- Hydrasoft® Sea SAP ER is an excellent humectant based on Algae Extract and Birch Sap. It is used as a texture modifier and film former when lubricity and freshness are desired. It provides hydration with a silky and non-tacky feel.
- Fiflow® BTX is neither water soluble, nor oil soluble liquid. It is a gas carrier, which allows artificial breathing of the skin. It enriches the oxygen level of the skin and gives an instantaneous dermal filling effect.

Ingredient	Phase	INCI Name	Qty%	Function
Nordic Beauty Birch Sap	A	Betula Alba Juice (and) Preservative system according to customer's choice	37,00%	Hydrating, Osmose booster
Hydrasoft® Sea SAP ER		Betula Alba Juice (and) Chondrus Crispus Extract (and) Glyceryl Acrylate/ Acrylic Acid Copolymer (and) Preservative system according to customer's choice	20,00%	Texturizer, Humectant
Biomethics® CPS O/W		Solanum Tuberosum Starch (and) Squalane (and) Limnanthes Alba (Meadowfoam) Seed Oil (and) Water (and) Hydrogenated Lecithin (and) Xanthan Gum (and) Tocopheryl Acetate (and) Preservative system according to customer's choice	8,00%	Cold process emulsifier
Vegeflow® 20 ISO 16128	B	Hydrogenated Vegetable Oil	10,00%	Exact silicone substitute, Moisturising, Energising
Creanatural® Citrullus Vulgaris Seed Oil		Citrullus vulgaris seed oil	10,00%	Moisturising, Energising
Fiflow® BTX	C	Perfluorohexane (and) Perfluoroperhydrophenanthrene (and) Perfluorodecalin (and) Perfluorodimethylcyclohexane	15,00%	Anti-age, Oxygen carrier, Energising

Procedure

Weigh phase A and put under stirring
Weigh phase B and put under stirring.
Add phase B in phase A under strong stirring.
Put the base in the fridge to cool it down to 10°C.
Quickly add the Fiflow®, previously kept at 10°C.
Homogenize at 4000 rpm for 2 - 3 minutes.

Physicochemical parameters

pH: 5,5

Efficacy Testing

2 subjects - On the forearm:
TEWL decrease of 34% after 2 hours of application.

ISO 16128 Indexes

Natural Origin Content: 83,62%
Natural Content: 71,76%

Organic Origin Content: 65,60%
Organic Content: 65,60%

Important

Biomethics® CPS O/W should be integrated into the continuous phase and mixed for about 30 minutes before emulsification to avoid granules.
Fiflow® BTX should not be heated and airless packaging is recommended for the end product.
Fiflow® formulas should be made at 10°C.