



PFI4936CS  
12/06/20

## Black Emulsion, Great Complexion

### Description:

"Black Emulsion, Great Complexion" is a unique and innovative skin product that was developed to advocate for the beauty of dark skins. This black cream was designed to be used at night. In the morning, the skin is visibly smooth, rejuvenated and protected thanks to Creanatural® Sepia Melanin, which is the best anti-free radical ingredient.

### Key ingredients:

- Creanatural® Sepia Melanin is a dispersion of melanin. It increases the melanin level of the skin, resulting in an improved skin protection. This product also increases spreadability and softness of the final formula.
- Creanatural® Citrullus Vulgaris Seed Oil is a natural, oxygen stable 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. It is also ideal to give shine to the hair without greasing it.
- Fiflow® SC 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.

Ingredient	Phase	INCI Name	Qty%	Function
Biomedthics® CPS W/O	A	Solanum Tuberosum Starch (and) Limnanthes Alba (Meadowfoam) Seed Oil Squalane (and) Xanthan Gum (and) Hydrogenated Lecithin (and) Tocopheryl Acetate (and) Preservative system according to customer's choice	8,00%	Cold process emulsifier
Creanatural® Citrullus Vulgaris Seed Oil		Citrullus vulgaris seed oil	22,00%	Moisturising
Creagel® Crystal 40 ISO 16128		Hydrogenated Vegetable Oil (and) Ethylene/Propylene Copolymer	6,00%	Rheology modifier, Moisturising
TIC Meadowfoam® MD ISO 16128		Limnanthes Alba (Meadowfoam) Seed Oil	9,00%	Moisturising
Tocopheryl Linoleate/Oleate		Tocopheryl Linoleate/Oleate	1,00%	
Nordic Beauty Birch Sap	B	Betula Alba Juice (and) Preservative system according to customer's choice	22,00%	Hydrating, Osmose booster
Nordic Beauty Bilberry Extract		Betula Alba Juice (and) Vaccinium Myrtillus Fruit Extract (and) Preservative system according to customer's choice	7,00%	Hydrating, Osmose booster
Creanatural® Sepia Melanin		Water (and) Melanin (and) Preservative system according to customer's choice	10,00%	Skin protecting
Creablack® Super	C	Iron Oxides (CI 77499)	2,00%	Pigment
Fiflow® SC	D	Perfluorohexane (and) Perfluorodecalin (and) D Perfluoroperhydrophenanthrene (and) Perfluorodimethylcyclohexane	13,00%	Anti-aging, Oxygen carrier

### Procedure

Weigh the phase A and put under stirring until homogenization.  
Add the phase B under strong stirring.  
Homogenize at 5000 rpm for 5 minutes.  
Add the phase C.  
Put the base in the fridge to cool it down to 10°C.  
Then add the Fiflow® previously kept at 10°C.  
Homogenize at 4000 rpm for a few seconds.

### Efficacy Testing

2 subjects - On the forearm and crow's feet:  
- Microcirculation increase of 32% after 5 minutes of application  
- Wrinkle decrease of 35% in depth (Delta D) after 5 minutes of application  
- Wrinkle decrease of 23% in width (Delta W) after 5 minutes of application

### ISO 16128 Indexes

Natural Origin Content: 85,52%  
Natural Content: 76,15%

Organic Origin Content: 48,55%  
Organic Content: 48,55%

### Important

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