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## Makeup Remover and Hydration

### Description:

"Makeup Remover and Hydration" is the ideal product to gently remove makeup, at night time. The combination of Biomethics® CPS O/W and Creage!® EZ 7 catch impurities, while Nordic Beauty Birch Sap and Cloudberry Extract improve skin hydration. Vegeflow® 30 ISO 16128 provide soft, silicone-like skin feel.

### Key ingredients:

- Nordic Beauty Cloudberry Extract is a natural cosmetic ingredient that concentrates all the benefits of cloudberry (*Rubus chamaemorus*). It is rich in vitamins C and E, polyphenol compounds and sugars. It increases microcirculation and collagen synthesis, protecting the skin from premature aging. Thanks to its high osmolarity, this extract is able to improve keratinocytes swelling.
- Vegeflow® 30 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.
- Creage!® EZ 7 is an auto-emulsifier based on polymers and Alphaflow® (*Hydrogenated Polydecene*), especially developed for cold process. It can be used as primary or as co-emulsifier to create milky gel emulsions with a soft skin feel. In cleansing products, it gently removes makeup and impurities.

Ingredient	Phase	INCI Name	Qty%	Function
Nordic Beauty Birch Sap	A	Betula Alba Juice (and) Preservative system according to customer's choice	58,00%	Osmostic booster, Hydrating
Nordic Beauty Cloudberry Extract		Betula Alba Juice (and) Rubus Chamaemorus Fruit Extract (and) Preservative system according to customer's choice	15,00%	Osmostic booster, Hydrating
Biomethics® CPS O/W		Solanum Tuberosum (Potato) Starch (and) Squalane (and) Limnanthes Alba (Meadowfoam) Seed Oil (and) Water (and) Hydrogenated Lecithin (and) Xanthan Gum (and) Tocopheryl Acetate (and) Preservative system	6,00%	Cold process emulsifier
Creage!® EZ 7	B	Sodium Acrylate/Sodium Acryloyldimethyl Taurate Copolymer (and) Hydrogenated Polydecene (and) Laureth-7	1,00%	Co-emulsifier
Vegeflow® 30 ISO 16128		Hydrogenated Vegetable Oil	15,00%	Silicone substitute, Emollient
Creanatural® Vegetable Squalane		Squalane	5,00%	Moisturising, Emollient

### Procedure

Weigh phase A and put under stirring until homogenization.  
Weigh phase B and put under stirring until homogenization.  
Then add phase B under stirring.  
Homogenize at 6000 rpm for a few minutes.  
Adjust the pH around 5,3 if necessary.

### Physicochemical parameters

Zeta potential:  
-44,5 mV at pH 5,3  
-63,7 mV at pH 7,38

### Efficacy testing

2 subjects - on the hand:  
Hydration increase of 196% after 5 minutes of application

### ISO 16128 Indexes

Natural Origin Content: 97,52%  
Natural Content: 76,35%

Organic Origin Content: 71,91%  
Organic Content: 71,91%

### Important

Biomethics® CPS O/W should be integrated into the continuous phase and mixed for about 30 minutes before emulsification to avoid granules.