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“HydraTwist”

Description:

“HydraTwist” is the combination of the best old-fashioned formula and a modern, powerful humectant, to improve cells osmotic pressure. Fiflow® BTX improves microcirculation, oxygenation and skin cells turnover. This unique product is ideal for hydrating, repairing and protecting injured and sensitive skin. It can be used on the face and on the body, especially knees, elbows and hands.

Key ingredients:

- 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.
- Hydrasoft® Moist SAP is a texture creator based on Birch Sap (Betula Alba Juice). It dramatically increases skin hydration and microcirculation while decreasing TEWL. This efficient osmotic function increases water content of the skin and improves the swelling of keratinocytes, with a resulting thickening of the skin.
- Veggilanol® Gold is a mixture of esters and fatty acids derived from a natural wax. It is a film-forming and long-lasting agent. Veggilanol® Gold is ideal for skin care formulations, especially lip products, as it repairs, hydrates and protects mucosa. It leaves a non-sticky, glossy film.

Ingredient	Phase	INCI Name	Qty%	Function
Hectone® HVO	A	Hydrogenated Vegetable Oil (and) Distearidimonium Hectorite (and) Propylene Carbonate	31,90%	Texturizer
Creage!® Crystal 100 ISO 16128		Hydrogenated Vegetable Oil (and) Ethylene/Propylene Copolymer	20,00%	Viscosity modifier, Film former, Thickener
Veggilanol® Gold		Lanolin	8,00%	Nourishing
Paraffin		Paraffin	5,00%	
TIC Meadowfoam® MD ISO 16128		Limnanthes Alba (Meadowfoam) Seed Oil	5,00%	Emollient, Nourishing
Hydrasoft® Moist SAP		Natto Gum (and) Betula Alba Juice (and) Butylene Glycol (and) Preservative system according to customer's choice	15,00%	Humectant, Viscosity modifier
Lavandula Angustifolia (Lavender) Oil	B	Lavandula Angustifolia (Lavender) Oil	0,10%	
Fiflow® BTX	C	Perfluorohexane (and) Perfluoroperhydrophenanthrene (and) Perfluorodecalin (and) Perfluorodimethylcyclohexane	15,00%	Anti-wrinkle, Oxygenating enabler

Procedure

Put phase A under stirring and heat up to 75-80°C.
Leave to cool down under slow mixing.
Pour phase B into phase A under mixing until homogeneous.
Put the mixture in the fridge to cool it down to 10°C.
Then add the Fiflow® (previously kept at 10°C) under stirring.
Homogenize at 4000 rpm for 2 min.

Efficacy Testing

2 subjects - On the hand:
- Microcirculation increase of 84% after 5 minutes.
- TEWL decrease of 27% after 4 hours.

ISO 16128 Indexes

Natural Origin Content: 65,03%
Natural Content: 19,85%

Organic Origin Content: 6,85%
Organic Content: 6,85%

Important

Hectone® HVO should be homogenized before use.
Fiflow® BTX should not be heated and airless packaging is recommended for the end product.
Fiflow® formulas should be made at 10°C.