



Milk Hydrating Treatment

DESCRIPTION

This plant-based moisturizing milk delivers nourishing oils to your skin with a lightweight feel. Suitable for all skin types, this product may be used as the first step in your daily skincare routine for long-lasting hydration and a dewy glow.

FORMULATION

Order	INCI Name	Trade Name	%	Function
1	Vitis Vinifera (Grape) Seed Oil	Grapeseed Oil	28.00	Skin nourishing oil
2	Cannabis Sativa Seed Oil	Hemp Seed Oil	2.00	Skin nourishing oil
3	Polyglyceryl-3 Oleate	<i>Cola®Mulse 3GO</i>	3.00	Emulsifier, refatting agent
4	Cetyl Phosphate	<i>Cola®Fax CPE MB</i>	0.50	Emulsifier, silky rubout
5	Water	Water	60.75	Carrier
6	Betaine	<i>Colonial BetaNat</i>	0.50	Moisturizer
7	Glycerin	Glycerin	3.00	Moisturizer
8	Xanthan Gum	Keltrol® CG-SFT ¹	1.00	Thickener
9	Fragrance	Fragrance	0.25	Fragrance
10	Sodium Benzoate and Potassium Sorbate	Euxyl® K712 ²	1.00	Preservative

PROCEDURE

1. In the primary vessel, combine ingredients 1 – 3 while heating to 60 – 65°C.
2. Once at temperature, add ingredient 4. Mix until dissolved.
3. Add ingredient 5 while maintaining 50 – 60°C.
4. Homogenize, then cool to 40 – 45°C.
5. Add ingredient 6.
6. In a separate vessel, combine ingredients 7 – 8 as a premix.
7. Add the premix to the primary vessel and continue mixing for 1 hour.
8. Add ingredients 9 – 10. Mix until uniform.

TYPICAL PROPERTIES

Appearance	Opaque, white
pH	5.0 – 5.5
Viscosity (LV3, 12 rpm)	3,000 – 6,000 cP

SUPPLIERS

¹CP Kelco, ²Schülke & Mayr

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