

22032 - Hair Oil Moisturiser

Ingredient	INCI	Function	Weight Percent
Phase A			
Deionised Water	Aqua	Diluent	60.7
Sodium Chloride	Sodium Chloride	Stabiliser	2.0
Glycerine	Glycerin	Humectant	2.0
Phase B			
JBC Emulsifier Base 2	Hydroxyethyldiethonium Polyisobutenyl Triethylaminosuccinate; Isoparaffin; Linear and Isomeric Alcohol; Polyisobutene; Sorbitan Monooleate	Emulsifier	3.0
Mineral Oil	Paraffinum Liquidum	Emollient	19.0
JBC W300	Synthetic Wax	Emollient	2.0
JBC W400	Synthetic Wax	Emollient	5.0
Dowsil [™] 200/350	Dimethicone	Emollient	1.0
Varisoft® EQ100	Bis-(Isostearoyl / Oleoyl Isopropyl) Dimonium Methosulfate	Conditioning	2.0
ABIL® ME45 MB	Silicone Quaternium-22; Polyglyceryl-3 Caprate; Dipropylene Glycol; Cocamidopropyl Betaine	Conditioning	1.0
Phase C			
Euxyl PE9010	Phenoxyethanol (and) Ethylhexylglycerin	Preservative	0.8
Luviquat® UltraCare	Polyquaternium-44	Film Former	1.0
Phase D			
Fragrance	Fragrance	Fragrance	0.5

Procedure

- 1. Add phase A into a beaker and heat to 70°C
- 2. Add phase B into a separate beaker and heat to 75°C
- 3. Ensure phase B is below 80°C and then add phase C to phase B
- 4. Under high shear add 30% of phase A to phase B, ensure emulsion inversion occurs
- 5. Add balance of phase A and continue to homogenise until white lotion forms.
- 6. Ensure phase A is completely emulsified
- 7. Cool to below 55°C and add fragrance if required
- 8. Homogenise once more

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