

## Formulation reference: FM00050/A

Phase	Trade Name	INCI Ingredients	Function	% w/w	Supplier
A	Deionised Water	Aqua	Solvent	Up to 100%	
	Edeta BX Powder	Tetrasodium EDTA	Chelating Agent	0.05	BASF
B	Keltrol RD	Xanthan Gum	Thickener	0.10	Azelis
C	Pricerine 9091	Glycerin	Humectant	5.00	Croda
D	Agenaflo OS 9051	Aluminium Starch Octenylsuccinate	Softening/ Mattifying	1.00	Azelis
E	Lanette O	Cetearyl Alcohol	Wax	2.00	BASF
	Q-SOFT-GMS-SE	Glyceryl Stearate SE	Emulsifier	2.00	OQEMA
	Olivem 1000	Cetearyl Oliviate (and) Sorbitan Oliviate	Emulsifier	2.00	Hallstar
	Cetiol SB 45	Butyrospermum Parkii (Shea) Butter	Butter/ Moisturising	3.00	BASF
	Seatons Cocoa Butter	Theobroma Cocoa Butter	Butter/ Moisturising	2.00	Croda
	Cupuacu Butter Ultra Refined	Theobroma Grandiflorum Seed Butter	Butter/ Moisturising	1.00	Hallstar
	Pionier 2076P	Light Liquid Paraffin	Moisturising	3.00	OQEMA
	Isopropyl Myristat	Isopropyl Myristate	Emollient	4.00	BASF

Leave hands feeling soft and smooth with this rich moisturising hand cream. Containing Vitamin B5 to help protect and strengthen nails. Formulated with natural-based **Texique HE10** to provide thickening and viscosity stability with a unique textural benefit. Added post emulsification, allowing for easy final viscosity control.



# Hand Cream

Phase	Trade Name	INCI Ingredients	Function	% w/w	Supplier
	Naissance 210 Grapeseed	Vitis Vinifera (Grape) Seed Oil	Oil/ Moisturising	2.00	Naissance
	Myritol 318	Caprylic/Capric Triglyceride	Emollient	2.00	BASF
F	Phenoxyethanol RCH	Phenoxyethanol	Preservative	0.60	Schulke & Mayr
G	Sensiva SC10	Caprylyl Glycol Ethylhexylglycerin	Preservative	0.40	Schulke & Mayr
		Parfum	Fragrance	QS	
H	Lancos SC PAN	Panthenol (Vit B5)	Active	0.50	OQEMA
	Deionised Water	Aqua	Solvent	2.00	
I	Texique HE10	<b>Sodium Acrylate/Sodium Acryloyldimethyl Taurate Copolymer (and) C13-15 Alkane (and) Coco-Glucoside</b>	Thickener/ Emulsifier	1.50	<b>Scott Bader</b>
J	Citric Acid Solution	Citric Acid	pH Adjuster	QS	

## Method

1. Weigh out phase A and mix until completely dissolved.
2. Whilst homogenising, add phase B and mix until dispersed.
3. Add phase C and mix. Start heating to 80°C.
4. At temperature, add phase D to water phase and homogenise gently to disperse.
5. Weigh out phase E and heat to 80°C with mixing. At 80°C add phase F and mix until uniform.
6. Add oil phase to water phase whilst homogenising. Homogenise until smooth and uniform.
7. 7. Cool to below 40°C with slow mixing.
8. 8. At below 40°C add phase G and mix until uniform.
9. 9. Blend phase H together until clear solution and then add to main batch and mix until uniform.
10. 10. Add phase I and mix to disperse. Homogenise gently to achieve smooth thick emulsion.
11. 11. Adjust to pH 5.50 – 6.50 with citric acid solution (phase J).

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