

## Formulation reference: FM00212/A

Phase	Trade Name	INCI Ingredients	Function	% w/w	Supplier
A	Deionised Water	Aqua	Solvent	Up to 100%	
	Dissolvine NA2	Disodium EDTA	Chelating Agent	0.05	Nouryon
B	CobioGum	Caesalpinia Spinosa Gum	Thickener	0.20	IMCD
C	Pricerine 9091	Glycerin	Humectant/ Moisturising	5.00	Croda
		Citric acid	pH Adjuster	0.09	
D	Lanette O	Cetearyl Alcohol	Wax/ Consistency Factor	2.00	BASF
	Carnauba Wax	Copernicia Cerifera (Carnauba) Wax	Wax/ Consistency Factor	0.70	The Soap Kitchen
	Olivem 1000	Cetearyl Olivatate (and) Sorbitan Olivatate	Emulsifier	1.75	Hallstar
	Cetiol SB 45	Butyrospermum Parkii (Shea) Butter	Butter/ Skin Softening/ Moisturising	4.00	BASF
	<b>Texterra Kalahari Melon Seed Oil</b>	<b>Citrullus Lanatus (Watermelon Seed) Oil</b>	<b>Emollient/ Skin Softening</b>	<b>1.00</b>	<b>Scott Bader</b>
	Grapeseed Oil EP9, Refined (K0214)	Vitis Vinifera (Grape) Seed Oil	Emollient/ Skin Softening	3.00	O&3

Fast absorbing hand cream to moisturise and smooth. With nail strengthening Vitamin B5, and **Texterra Kalahari Melon Seed Oil**, which will hydrate, protect and help repair the skin due to its high vitamin and fatty acid content. Contains **Texique HE10** as the main emulsifier, thickener and stabiliser.



Phase	Trade Name	INCI Ingredients	Function	% w/w	Supplier
E	Agenaflo OS 9051	Aluminum Starch Octenylsuccinate	Sensory Modifier	1.00	Agrana
F	Texique HE10	<b>Sodium Acrylate/ Sodium Acryloyldimethyl Taurate Copolymer (and) C13-15 Alkane (and) Coco-Glucoside</b>	<b>Emulsifier/ Stabiliser/ Rheology Modifier</b>	<b>3.00</b>	<b>Scott Bader</b>
G	Optiphen Plus	Phenoxyethanol (and) Caprylyl Glycol (and) Sorbic Acid	Preservative	1.00	Ashland
		Parfum	Fragrance	QS	
H	Deionised Water	Aqua	Solvent	3.00	
	Lancos SC PAN	Panthenol	Vitamin B5	0.50	OQEMA

## Method

1. Weigh out phase A and mix until dissolved.
2. Sprinkle in phase B whilst homogenising and homogenise until completely dispersed.
3. Add phase C and mix until dissolved. Start heating to approximately 80°C.
4. Weigh out phase D and heat to approximately 80°C.
5. At temperature disperse phase E into phase D and mix until completely dispersed.
6. Ensure both are at correct temperature and then add oil phase to water phase with stirring. Homogenise to form uniform smooth emulsion.
7. Cool to below 40°C with gentle stirring.
8. Add phase F and stir. Homogenise gently to achieve smooth thick emulsion.
9. Add phase G and mix until uniform.
10. Pre-mix phase H until dissolved. Then add to main batch and mix until uniform.

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