

Hand Cream

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 Oliviate (and) Sorbitan Oliviate | Emulsifier | 1.75 | Hallstar |
| | Cetiol SB 45 | Butyrospermum Parkii (Shea) Butter | Butter/ Skin Softening/ Moisturising | 4.00 | BASF |
| | Texiterra Kalahari Melon Seed Oil | Citrillus Lanatus (Watermelon Seed) Oil | Emollient/ Skin Softening | 1.00 | Scott Bader |
| | Texiterra Grapeseed Oil | Vitis Vinifera (Grape) Seed Oil | Emollient/ Skin Softening | 3.00 | Scott Bader |

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



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| E | Agenaflo OS 9051 | Aluminum Starch Octenylsuccinate | Sensory Modifier | 1.00 | Agrana |
| F | Texique HE10 | Sodium Acrylate/ Sodium Acryloyldimethyl Taurate Copolymer (and) C13-15 Alkane (and) Coco-Glucoside | Emulsifier/ Stabiliser/ Rheology Modifier | 3.00 | Scott Bader |
| 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
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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