After Sun Lotion

Formulation Reference: FM00234/C

Soothe and hydrate skin following sun exposure with this gentle fragrance free moisturising lotion. With nourishing ***Texiterra Sweet Almond Oil*** and ***Texiterra Kalahari Melon Seed Oil***, which help hydrate, protect and repair skin with their natural high vitamin and fatty acid content. Contains natural moisturising emollients ***Texique Lux5*** and ***Texiterra Cocoa Butter Crystals***. ***Texique HE20*** is the main emulsifier and helps thicken and stabilise the system.

Phase	INCI Ingredients	Function	% w/w	Trade Name
A	Aqua	Solvent	Up to 100 %	Deionised Water
	Disodium EDTA	Chelating Agent	0.05	Dissolvine NA2 [1]
B	Caesalpinia Spinosa Gum	Natural Thickener	0.20	Cobiogum [2]
C	Ethylhexyl Stearate	Emollient	2.00	Cetiol 868 [3]
	Glycerin	Humectant / Moisturising	3.00	Vegetable Glycerine [4]
	C13-15 Alkane (and) Caprylic/Capric Triglyceride	**Natural Emollient**	**3.00**	**Texique Lux5 [5]**
	Citrillus Lanatus (Watermelon Seed) Oil	**Natural Oil/ Skin Softening**	**2.00**	**Texiterra Kalahari Melon Seed Oil [5]**
	Prunus Amygdalus Dulcis (Sweet Almond) Oil	**Natural Oil/ Moisturising**	**2.00**	**Texiterra Cold Pressed Sweet Almond Oil [5]**
D	**Theobroma Cacao Seed Butter**	**Butter/ Skin Softening/ Moisturising**	**2.00**	**Cocoa Butter Crystals [5]**
E	**Butyrospermum Parkii (Shea) Butter**	**Butter / Skin Softening / Moisturising**	**2.00**	**Shea Butter Unrefined [6]**
	Tocopheryl Acetate	Active / Antioxidant	0.10	Q-VIT-E [7]
F	**AMPS/HEMA cross polymer, C13-15 alkane, coco-glucoside**	**Emulsifier/ Thickener**	**8.00**	**Texique HE20 [5]**
G	Benzyl Alcohol, Salicylic Acid, Glycerin, Sorbic Acid	Preservative	1.00	Preservative ECO [8]

	Aloe Barbadensis (Aloe) Leaf Juice	Moisturising/ Soothing	1.00	Aloe Vera Concentrate 10:1 [9]
H	Aqua	Solvent	3.00	Deionised Water
	Panthenol	Vitamin B5	0.20	Lancos SC PAN [7]

Suppliers: [1] Nouryon | [2] Cobiosa | [3] BASF | [4] Special Ingredients | [5] **Scott Bader** | [6] Mystic Moments | [7] OQEMA | [8] Aromantic | [9] Naturally Balmy |

Preparation procedure

1. Weigh out Phase A and mix until dissolved.
2. While homogenising, add Phase B and homogenise until completely dispersed.
3. Add Phase C materials. Mix and then start heating to 50°C.
4. At temperature add Phase D and mix until dissolved. Maintain temperature at 50°C.
5. Add Phase E and mix until dissolved and uniform.
6. Add Phase F, stir to distribute and then homogenise until uniform.
7. At below 40°C add Phase G and mix until uniform.
8. Pre-mix Phase H until dissolved. Then add to the main batch and mix until uniform.
9. Adjust pH to 5.0 – 6.0.