After Sun Lotion

Personal Care
from Scott Bader

Formulation reference: FM00234/C

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	Natural Thickener	0.20	Cobiosa
C	Cetiol 868	Ethylhexyl Stearate	Emollient	2.00	BASF
	Vegetable Glycerine	Glycerin	Humectant/ Moisturising	3.00	Special Ingredients
	Texique Lux5	**C13-15 Alkane (and) Caprylic/Capric Triglyceride**	**Natural Emollient**	**3.00**	**Scott Bader**
	Texiterra Kalahari Melon Seed Oil	**Citrullus Lanatus (Watermelon Seed) Oil**	**Emollient/ Skin Softening**	**2.00**	**Scott Bader**
	Almond (Sweet) EP9 Oil	Prunus Amygdalus Dulcis (Sweet Almond) Oil	Emollient/ Skin Softening	2.00	O&3
D	Cocoa Butter	Theobroma Cacao Seed Butter	Butter/ Skin Softening/ Moisturising	2.00	The Soapery
E	Shea Butter Refined	Butyrospermum Parkii (Shea) Butter	Butter/ Skin Softening/ Moisturising	2.00	Mystic Moments

A soothing after sun lotion that delivers a cooling, fresh feel whilst being easy- spreading and fast- absorbing. Enriched with ***Texiterra Kalahari Melon Seed Oil*** which help hydrate, protect and repair the skin due to their high vitamin and fatty acid content. Formulated with a light natural emollient ***Texique Lux5*** to leave skin feeling soft and smooth. ***Texique HE20*** serves as the main emulsifier, thickener and stabiliser.

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	Q-VIT-E	Tocopheryl Acetate	Active / Antioxidant	0.10	OQEMA
F	**Texique HE20**	**AMPS/HEMA Cross Polymer, C13-15 Alkane, Coco-Glucoside**	**Emulsifier/ Thickener**	**8.00**	**Scott Bader**
G	Preservative Eco	Benzyl Alcohol, Salicylic Acid, Glycerin, Sorbic Acid	Preservative	1.00	Aromantic
	Aloe Vera Concentrate 10:1	Aloe Barbadensis (Aloe) Leaf Juice	Active-Moisturising/ Soothing	1.00	Naturally Balmy
H	Deionised Water	Aqua	Solvent	3.00	
	Lancos SC PAN	Panthenol	Vitamin B5/ Soothing	0.20	OQEMA

Method

1. Weigh out phase A and mix until dissolved.
2. While homogenising, add phase B and homogenise until completely dispersed.
3. Add phase C, leave to mix with overhead mixer, 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 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 if necessary.