

CA 1088 W/O Sunscreen Lotion SPF60

Ingredients	%(w/w)	Functions	INCI designation	Supplier
Phase 1				
Deionised Water	35.89			
Disodium EDTA	0.1	Chelating agent		
Glycerine	3	Humectant		
Sodium Chloride	0.5	Stabiliser		
Allantoin	0.2	Soothing agent		Chemie
Methylparaben	0.15	Preservatives		Chemie
Phase 2				
TNP50VTTS	28.6	UV Dispersion	C12-15 Alkyl Benzoate (and) Titanium Dioxide (and) Alumina (and) Polyhydroxy Stearic Acid (and) Isopropyl Titanium Triisostearate/Triethoxycaprylsila ne Crosspoymer	Kobo
Butyl Methoxydibenzoylmethane	4	Organic UV Filter	Butyl Methoxydibenzoylmethane	Chemie
Octocrylene	6	Organic UV Filter	Octocrylene	Chemie
Phase 3				
Microcrystalline Wax	0.3	Thickener		Chemie
BC20cs	1	Feeling agent	Dimethicone	Basildon
Lipocire A	4	Thickener	Hydrogenated Pam Kernel Glycerides (and) Hydrogenated Palm Glycerides	Gattefosse
Plurol Diisostearique	6	W/O emulsifier	Polyglyceryl-3-Diisostearique	Gattefosse
BC Volatile 5	1	Feeling agent	Cyclomethicone	Basildon
Propylparaben	0.06	Preservatives		Chemie
Cetearyl Alcohol	1	Thickener	Cetearyl Alcohol	

This formula is presented in good faith, and we believe it is correct, but no warranty as to accuracy of results, or fitness for a particular use is given, nor is freedom from patent infringement to be inferred. It's offered solely for your consideration, investigation and verification.

Ingredients	%(w/w)	Functions	INCI designation	Supplier
Phase 4 Syntran PC5227	6	SPF Booster	Polyacrylate-15 (and) Polyacrylate-17	Interpolymer
EA-209	2	Optical blurrign agent	Ethylene/Acrylic Acid Copolymer	Kobo
PF. JG15222	0.2	Fragrance		Technico Flor
Total	100			

Process:

1. Mix all the ingredients in Phase 1 with deionised water and heat to 75-80°C.
2. Premix all the ingredients in Phase 2 and stir until homogenous.
3. After that, add Phase 2 into Phase 3 and stir until homogenous.
4. Heat Phase 2+3 to 75-80°C.
5. Add Phase 1 heated to 75-80°C slowly into Phase 2+3 into 75-80°C with moderate agitation.
6. Cool while stirring.
7. Add Phase 4 into Phase 1+2+3 below 45°C and stir until homogenous.
8. Complete cooling.

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