

CA1105 Mass Market Facial Lotion

Ingredients	% (w/w)	Functions	INCI designation	Supplier
Phase 1				
Tefose 2561	5	O/W emulsifier	PEG-6 Stearate (and) Ceteth-20 (and) Glyceryl Stearate (and) Steareth-20	Gattefosse
Cetyl Alcohol	1	Thickener	Cetyl Alcohol	
MOD	8	Emollient	Octyldodecyl Myristate	Gattefosse
Florasun 90	2	Emollient	Helianthus Annuus (Sunflower) Seed Oil	Floratech
BC 100cs	3	Feeling agent		Basildon
Microcare PM5	0.8	Preservatives	Phenoxyethanol (and) Methylparaben (and) Ethylparaben (and) Propylparaben (and) Butylparaben (and) Isobutylparaben	
Phase 2				
Deionised Water	77.7			
Ultrez 20	0.1	Gelling agent	Acrylates/C10-30 Alkyl Acrylates Crosspolymer	
Phase 3				
NaOH (30% Soln.)	0.2	pH neutraliser	Sodium Hydroxide 30% Solution	
Phase 4				
PF. JG 10979	0.2	Fragrance		Technico Flor
Sohakuhi Extract BG-100	2		Morus Bombycis Root Extract	Ikeda
Total	100			

Process:

1. Disperse Ultrez 20 over the water. Let stand.
2. Add Phase 1 into Phase 2 and heat to 75-80°C with moderate stirring speed until homogeneous.
3. Add Phase 3 into Phase 1+2 with moderate stirring speed until homogenous.
4. Cool while stirring.
5. Add the ingredients in Phase 4 into Phase 1+2+3 at 45°C and stir homogeneously for 5 minutes.
6. Complete cooling.

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