

CA1107 Cleansing Milk

Ingredients	% (w/w)	Functions	INCI designation	Supplier
Phase 1				
DI Water	63.84	Diluent		
Propylene Glycol	6	Emollient	Propylene Glycol	
Ultrez 20	0.2	Gelling Agent	Acrylates/C10-30 Alkyl Acrylate Crosspolymer	
NaOH (20% Soln)	0.3	Neutralizer	Sodium Hydroxide (20% Solution)	
Phase 2				
Corum 3510	4	Cosurfactant	Disodium Lauryl Sulfosuccinate	Corum
Corum 3528	8.5	Surfactant	Disodium Lauroamphoacetate	Corum
Florasun 90	2	Emollient	Helianthus Annuus (Sunflower) Seed Oil	Floratech
Labrafac CC	4	Emollient	Caprylic/Capric Triglyceride	Gattefosse
Florasolvs Jojoba PEG-120 Jojoba	2	Emollient	Jojoba Wax PEG-120 Esters	Floratech
Floraesters 20	2	Emollient Esters	Jojoba Esters	Floratech
Emulium Delta	4	O/W emulsifier	Cetyl Alcohol (and) Glyceryl Stearate (and) PEG-75 Stearate (and) Ceteth-20 (and) Steareth-20	Gattefosse
Cetearyl Alcohol	2	Thickener	Cetearyl Alcohol	
Phase 3				
Veg. Calendula MCF 774 Hydro	0.3	Soothing Agent	Propylene Glycol (and) Water (and) <i>Calendula officinalis</i>	Gattefosse
Veg. Aloe GR 198 Hydro	0.3	Moisturizer	Propylene Glycol (and) Water (and) <i>Aloe ferox</i>	Gattefosse
Veg. Seaweed CB4136 Hydro	0.5	Detoxifying agent	Propylene Glycol (and) Water (and) <i>Fucus vesiculosus</i>	Gattefosse
Microcare IT	0.06	Preservatives	Methylchloroisothiazolinone (and) Methylisothiazolinone	
Total	100			

Process:

1. Dissolve Propylene Glycol in the water.
2. Disperse Ultrez 20 over the water. Let stand.
3. Use NaOH to adjust the pH within 6.8-7.2.
4. Add Phase 2 heated to 75-80°C into Phase 1 heated to 75-80°C with moderate agitation.
5. Cool while stirring.
6. Add Phase 3 into Phase 1+2 at 45°C with moderate stirring. Complete cooling.

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