

CA 1091 Oxygen Moisturizing Cream with Phylderm Vegetal C2, Gatuline RC, Cn Ps2

Ingredients	%(w/w)	Functions	INCI designation	Supplier
<u>Phase 1</u>				
Emulium Kappa	6	O/W emulsifier & NMF	Candelilla/Jojoba/Rice Bran Polyglyceryl-3 Esters (and) Glyceryl Stearate (and) cetearyl Alcohol (and) Sodium Stearoyl Lactylate	Gattefosse
Labrafac CC	4	Emollient	Caprylic/Capric Triglyceride	Gattefosse
MOD	4	Emollient	Octyldodecyl Myristate	Gattefosse
Florasun 90	5	Emollient	Helianthus Annuus (Sunflower) Seed Oil	Floratch
Geleol Pastilles	2	Consistency agent	Glyceryl Stearate	Gattefosse
<u>Phase 2</u>				
Deionised water	35.1			
Lucentite SWN	0.5	Water binding agent	Lithium Magnesium Sodium Silicate	Kobo
MSS-500W	3	Oil Absorber	Silica	Kobo
Glycerine	5	Humectant	Glycerine	
<u>Phase 3</u>				
Deionised water	20			
EA 209	2	Feeling Agent	Ethylene/Acrylic Acid Copolymer	Kobo

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Ingredients	%(w/w)	Functions	INCI designation	Supplier
Phase 4				
Phylderm Vegetal C2	5	Nourishing Active	Hydrolyzed Soy Protein	Gattefosse
Gatuline RC	2	Collagen Booster	Water (and) Fagus Sylvatica Extract	Gattefosse
Cn PS2	1	Hydration Active	Palmitoyl Hydroxypropyl Trimonium Amylopectin / Glycerin Crosspolymer (And) Phenoxyethanol (And) Hydrogenated Lecithin (And) Methylparaben (And) Butylparaben (And) Ethylparaben	Kobo
Microcare MTP	0.2	Preservatives		
Phase 5				
Transcutol CG	5	Activity Enhancer	Ethoxydiglycol	Gattefosse
Fragrance JG15509	0.2	Fragrance	Fragrance	Technico Flor
Total	100			

Process:

1. Add in Phase 1 heated to 7-80°C.
2. Pre-disperse Lucentite SWN into deionised water and stir until it mix well, then add in MSS-500W follow by adding Glycerine heated at 75-80°C.
3. At room temperature, disperse EA-209 in deionised water at Phase 3.
4. Add in Phase 1 into Phase 2 heated to 80°C with rapid agitation (e.g. rotor stator mixer, 2000rpm) for 10 minutes.
5. Lower down temperature to about 50°C then add in Phase 3 and Phase 4 with rapid agitation (2000rpm) for 10 minutes.
6. Cool while stirring with moderate stirring speed (planetary).
7. Add in the ingredients in Phase 5 with moderate stirring at about 35°C. Complete cooling and filling.

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