

CA1059 Eye Protective Lotion

Ingredients	% (w/w)	Functions	INCI designation	Supplier
Phase 1 Deionised water Ultrez 20	69.8 0.2	Gelling agent		
Phase 2 Xanthan Gum Glycerine	0.2 5	Gelling agent Humectant		
Phase 3 NaOH (30% Solution)	0.3	Neutraliser		
Phase 4 Emulfree P	6	Surfactant free stabiliser	Propylene Glycol Laurate (and) Ethylcellulose (and) Propylene Isostearate	Gattefosse
MOD	6	Emollient	Octyldodecyl Myristate	Gattefosse
BC 20cs	4	Feeling agent	Dimethicone	
Cetearyl Alcohol	2	Thickener	Cetyl Stearyl Alcohol	
Phase 5 Cytobiol Lumin Eye	2	Reduce dark eye circle and puffiness of eye	Butylene Glycol (and) Water (and) Niacinamide (and) Fraxinus Excelsior Bark extract (and) Silanetriol Potassium Citrate	Gattefosse
Microcare PM5	0.8	Preservatives		
PF. RS10011	0.2	Fragrance		Technico Flor
EA-209	2	Optical blurring agent for wrinkle		Kobo
Phase 6 Deionised water	1			
Coffee Bean extract	0.5	Improved blood circulation	Coffee bean extract	Ikeda
Total	100			

Process:

1. Disperse Ultrez 20 over the water. Let stand.
2. Premix all the ingredients in Phase 2. After that, Add Phase 2 into Phase 1.
3. Neutralize Phase 1 and 2 with Phase 2 to pH 7-7.5 to develop the gel system.
4. Heat Phase 4 and Phase 1+2+3 to 75oC until everything melt. Then, add Phase 4 into Phase 1+2+3 using rotor stator agitation. Mix well.
5. Add in Phase 5 at when the temperature of the mixture falls below 45oC.
6. Premix Phase 6 and add into Phase 1+2+3+4+5.
7. Complete cooling.

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