

CA 1044 Hydrating Fluid

Ingredients	%(w/w)	Functions	INCI designation	Supplier
Phase 1				
Emulium 22	3	O/W emulsifier	Tribehenin PEG-20 Esters	Gattefosse
MOD	3	Emollient	Octyldodecyl Myristate	Gattefosse
Florasun 90	2	Emollient	Helianthus (Sunflower) Seed Oil	Floratch
Labrafac CC	2	Emollient	Caprylic/Capric Triglycerides	Gattefosse
BC Volatile 5	5	Feeling agent	Cyclomethicone	Basildon
Phase 2				
Deionised Water	79.35	Carrier		
Ultrez 20	0.3	Gelling agent	Acrylates/ C10-30 Alkyl Acrylate Crosspolymer	
Phase 3				
Xanthan Gum	0.1	Gelling agent	Xanthan Gum	
Glycerine	5	Humectant		
Phase 4				
NaOH (50% Solution)	0.05	Neutralizer	Sodium Hydroxide	
Phase 5				
Microcare MTP	0.2	Preservatives	Methylisothiazolinone (and) Methylparaben (and) Propylparaben	
Total	100			

Process:

1. Disperse Ultrez 20 over the surface of the water. Let stand.
2. Premix Xanthan Gum with Glycerine in Phase 3.
3. Add Phase 3 into Phase 2 with moderate stirring. Mix until homogenous.
4. Heat Phase 1 and Phase 2+3 to 75-80°C.
5. Add Phase 1 heated to 75-80°C to Phase 2+3 heated to 75-80°C and homogenize for about 5 minutes.

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.