

Hydrating Cream for the Mature Skin with Hyaluronic Acid & Ceramide Complex

Phase A	Weight %	For 100 g / 3.6 oz
Distilled Water (diluent)	65.6 %	65.6 g / 2.3 oz
Urea (moisturizer/exfoliant)	3 %	3 g / 0.1 oz / ½ tsp
EDTA (stabilizer)	0.2 %	0.2 g / 0.007 oz / 1/8 tsp
Hyaluronic Acid (humectant)	1 %	1 g / 0.03 oz / ½ tsp
Phase B		
Sodium PCA (humectant)	2 %	2 g / 0.07 oz / ½ tsp
Phase C		
Rose Hip Oil (emollient)	6 %	6 g / 0.2 oz / 1 ¼ tsp
Meadowfoam Seed Oil (emollient)	6 %	6 g / 0.2 oz / 1 ¼ tsp
CreamMaker Wax (emulsifier blend)	5 %	5 g / 0.2 oz / 2 tsp
Sheabutter (emollient)	2 %	2 g / 0.07 oz / ½ tsp
Stearic Acid (emulsifier)	2 %	2 g / 0.07 oz / ¾ tsp
Vitamin E Acetate (antioxidant)	1 %	1 g / 0.04 oz / 22 drops
Phase D		
Ceramide Complex (skin barrier restoring agent)	5 %	5 g / 0.2 oz / 1 ¼ tsp
Paraben-DU (preservative) or Phenoxyethanol/SA blend	1 %	1 g / 0.04 oz / 22 drops
Fragrance	0.2 %	0.2 g / 0.007 oz / 3-4 drops

Method

Add phase A (distilled water, urea and edta into a disinfected, heat-resistant glass beaker and mix well until ingredients are dissolved. Sprinkle the hyaluronic acid into phase A by using a hand held mixer or other suitable mixer at the same time, this will prevent the hyaluronic acid from clumping because it will swell in the water. When smooth and lump free add phase B and stir. Combine Phase C in another heat resistant glass beaker. Heat phase A/B and phase C to 158oF/70oC. Once all ingredients are melted and the temperature has been reached add phase C to phase A/B and stir well. Remove from the heat and stir until creamy. Cool to 100F/40C, stir again well. Add phase D to phase A/B/C and stir after each ingredient has been added. Package into containers.

Properties

Pleasant cream with powerful moisturizing ingredients such as hyaluronic acid, ceramide complex, urea, meadowfoam seed oil and sheabutter, but also the emulsifier blend adds protection from TEWL (transepidermal water loss).

The cream protects the skin from dehydration, keeps it moisturized and supple. Can be used as day cream or night cream.



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