

Skin-Whitening Cream-Gel

(Sample Recipe for Polysorbate 80)

Skin Whitening Cream-Gel

Phase A	Weight %	For 100 g / 3.6 oz
Triglyceride (emollient)	7 %	7 g / 0.25 oz / 2 tsp
SkinWhite MSH (active ingredient)	2 %	2 g / 1/2 tsp
Polysorbate 80 (emulsifier)	1 %	1 g / 1/4 tsp
Phase B		
Distilled Water (diluent)	81.6 %	81.6 g / 2.9 oz
Sodium PCA (humectant)	2 %	2 g / 1/2 tsp
Phase C		
GelMaker EMU (gelling emulsifier)	3 %	3 g / 0.1 oz / 1 tsp
Phase D		
Cyclo-Dimethicone (emollient and penetration enhancer)	2 %	2 g / 1/2 tsp
Phenoxyethanol/SA (preservative)	1.2 %	1.2 g / 30 drops
Fragrance	0.2 %	0.2 g / 5 drops

Method

Give phase A into a disinfected, heat-resistant glass beaker and heat to (175oF/79oC) to melt SkinWhite MSH. Give phase B into a separate beaker and heat to the same temperature. Add phase B to phase A and stir well. Remove both beakers from the heat and under stirring add phase C to phase A/B stir well until it becomes a homogenous gel/cream. After the temperature has dropped below 125oF/51oC add phase D and stir again well. Viscosity can be further adjusted with GelMaker EMU. This skin whitening gel can be stored in treatment pumps, jars or tubes.

Properties

Skin whitening gel with a novel skin whitener that inhibits the skin cells to produce melanin pigments. Needs up to 12 weeks of a twice daily application to show results in lighten age spots and dark skin areas. Use a moisturizer that contains a sunscreen during the time you are using a skin lightening product.