

Exfoliating Cream–Gel

(Sample Recipe for Bacillus Ferment)

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Phase A	Weight %	For 240 g / 8.5 oz
Distilled Water (diluent)	75.8 %	182 g / 6.5 oz / 3/4 cup
Bacillus Ferment (exfoliating agent)	2 %	2.4 g / 0.1 oz 1/2 tsp
Glycerin (humectant)	4 %	9.6 g / 0.3 oz / 2 tsp
Phase B		
Triglyceride (emollient)	10 %	24 g / 0.8 oz / 5 tsp
CreamMaker Blend (emulsifier)	2 %	4.8 g / 0.2 oz / 1/2 Tbsp
GelMaker EMU (thickener/emulsifier)	2 %	4.8 g / 0.2 oz / 1 tsp
Phase C		
Rice Quat (conditioner)	2 %	4.8 g / 0.2 oz / 1 tsp
Vitamin E Acetate (antioxidant)	1 %	2.4 g / 0.1 oz 50 drops
Paraben–DU (preservative)	1 %	2.4 g / 0.1 oz 50 drops
Fragrance	0.2 %	0.5 g / 0.02 oz 10 drops

Method

Add phase A into a heat resistant glass beaker. Add phase B to another disinfected glass beaker. Heat both beakers to 150F/60. Then add phase B to phase C and stir very well to form the cream. Cool to 100F/40C and add phase C, stir very well until it is a smooth uniform cream. The viscosity can further be adjusted if necessary with GelMaker EMU.

Fill the cream into a cream jar or airless treatment pumps.

Properties

Bacillus ferment cream is a very effective exfoliant within skin pores. The vitamin E acetate has antioxidant and moisturizing properties and the soy quat is added to condition the skin.