

Mild Skin Cleanser

(Sample Recipe for Disodium Laureth Sulfosuccinate)

Mild Skin Cleanser		
Phase A	Weight %	For 240 g / 8.5 oz
Distilled Water (diluent)	54.5 %	131 g / 4.7 oz / 1/2 cup 2 tsp
Phase B		
Sulfosuccinate (cleansing agent)	25 %	60 g / 2.1 oz / 1/4 cup
Coco Betaine (cleansing agent)	15 %	36 g / 1.3 oz / 2 Tbsp 1 tsp
PEG-7 Glyceryl Cocoate (emollient/emulsifier)	2 %	4.8 g / 0.2 oz / 1 tsp
PEG-150 Distearate (thickener)	2 %	4.8 g / 0.2 oz / 1/2 Tbsp
Phase C		
Phenoxyethanol (preservative)	1 %	2.4 g / 0.1 oz / 50 drops
Fragrance (Desert Flower)	0.5 %	1.2 g / 0.04 oz / 25 drops
Method		
<p>Add phase B into a heat resistant glass beaker and heat to 150F/65C to melt the peg-150 distearate. When melted stir and add the distilled water to phase B and stir gently. Add phase C to phase A/B and stir again.</p>		
Properties		
<p>Basic shower gel with two very mild surfactants (cleansing agents). The peg-7 glyceryl cocoate moisturizes the skin and produces a soft foam.</p>		