

## Sunless Tanning Gel

Phase A	Weight %	For 100 g / 3.5 oz	Size Drops	Size Tsp
Water (Aqua) (Diluent)	64.98	64.98 g / 0.0 oz		
Glycerin (Humectant)	4.0	4.0 g / 0.0 oz		
Dihydroxyacetone (DHA) (Active Ingredient)	4.0	4.0 g / 0.0 oz		
Chamomile Extract (Botanical)	3.0	3.0 g / 0.0 oz		
Aloe Vera Extract 10x Concentrate (Botanical)	1.0	1.0 g / 0.0 oz		
<b>Phase B</b>				
Squalane (Emollient)	4.5	4.5 g / 0.0 oz	0	0
Apricot Kernel Oil (Emollient)	2.5	2.5 g / 0.0 oz	0	0
Silicone Gel (Cyclopentasiloxane, dimethicone crosspolymer) (Emollient)	2.0	2.0 g / 0.0 oz	0	0
GelMaker EMU (Sodium acrylate, acryloyldimethyl taurate copolymer, isohexadecane, polysorbate 80) (Emulsifier)	3.5	3.5 g / 0.0 oz	0	0
CreamMaker ANIO (Glyceryl oleate citrate, caprylic/capric triglyceride) (Emulsifier)	1.0	1.0 g / 0.0 oz	0	0
<b>Phase C</b>				
Erythrose (Active Ingredient)	2.5	2.5 g / 0.0 oz	0	0
Phenoxyethanol/SA (Preservative)	1.2	1.2 g / 0.0 oz	0	0
Blood Orange/Sweet Orange (Fragrance)	0.7	0.7 g / 0.0 oz	0	0
Caramel (Colorant)	0.01	0.01 g / 0.0 oz	0	0
Yellow 6 (Colorant)	0.01	0.01 g / 0.0 oz	0	0
Distilled water (Diluent)	5.0	5.0 g / 0.0 oz	0	0
Citric Acid (optional depending on the pH result) (Acidulent)	0.1	0.1 g / 0.0 oz	0	0

### Method

Mix phase A in order, until all is dissolved.

Pre-mix phase B in another vessel, and blend until uniform. Add phase A to phase B and blend well using a stick blender or homogenizer, until a smooth gel-cream has formed.

Dissolve the color (optional) in 1 tps (5g) of distilled water and add to the gel drop wise for a very light yellowish/tan color (see pic). Then add the remaining ingredients of phase C and blend well until uniform. Test pH. Ideal 3.5-4.0. Adjust with citric acid if needed. Then package into a lotion bottle with a pump.

### Properties

Light tanning gel-cream with moisturizing ingredients, dha and erythrose for tanning and squalane, silicone gel and apricot kernel oil for softening. Has a light skin feel without greasiness and with a bit of moisturization.

Gives a light tan, re-apply for a graduate sun kissed tan.