

Non- Oily Self- Tanning Gel

(Sample Recipe for Dihydroxyacetone)

Non- Oily Self Tanning Gel		
Phase A	Weight %	For 240 g / 8.5 oz
Triglyceride (emollient)	6 %	14.4 g / 0.5 oz / 1 Tbsp
GelMaker EMU (thickner,emulsifier)	3 %	7.2 g / 0.3 oz / 1 1/2 tsp
Phase B		
Distilled Water (diluent)	84.3 %	202 g / 7.2 oz / 3/4 cup 4 tsp
Dihydroxyacetone (tanning agent)	3 %	7.2 g / 0.3 oz / 3/4 Tbsp
Erythulose (tanning agent)	2 %	4.8 g / 0.2 oz / 1 tsp
Phase C		
<u>Phenoxyethanol/SA</u> (preservative)	1.2 %	2.88 g / 0.1 oz /60 drops
<u>Fragrance</u>	0.3 %	0.7 g / 15 drops
Citric Acid (acidulant)	to pH 4	
Method		
Give phase A into a clean, disinfected glass beaker and stir. Give phase B into another disinfected glass beaker and stir until the DHA and Erythulose are dissolved. Add phase A to phase B with moderate stirring until homogenous. Add phase C to phase A/B and stir again, adjust pH to 4 with citric acid, start with a small amount of less than 1/16tsp. The viscosity can be adjusted further with GelMaker EMU.		
Properties		
Smooth non greasy gel for the face or body. Fill the gel into a tube or into a jar.		