

**1845 - 65% Alcohol Hand Gel (100.00g)**

<b>Ingredient</b>	<b>Function</b>	<b>Percent</b>	<b>Wgt (g)</b>	<b>Wgt (oz)</b>	<b>Vol (tsp.)</b>
<b>Phase A</b>					
Glycerin (glycerin)	Humectant	2.00	2.00	0.07	0.40
Carbomer 940 (carbomer)	Thickener	0.80	0.80	0.03	0.16
<b>Phase B</b>					
Distilled Water (aqua)	Diluent	3.54	3.54	0.12	0.71
Alcohol Denaturated 70% (ethanol)	Alcohol	92.76	92.76	3.27	18.55
<b>Phase C</b>					
Triethanolamine (triethanolamine)	pH Adjuster	0.10	0.10	0.00	0.02
<b>Phase D</b>					
Hemp Seed Oil (Cannabis Sativa [Hemp] seed oil)	Emollient	0.50	0.50	0.02	0.10
Flavor Mint	Fragrance	0.30	0.30	0.01	0.06

**Method**

1. Add Carbomer 940 to glycerin and blend until well dispersed. 2. Add water and half the denatured alcohol slowly and under constant blending. Use homogenizer to break up any large chunks of carbomer. 3. Add remaining alcohol and blend well 4. Add triethanolamine dropwise, blend well, until desired viscosity is reached (pH must be at or around 6-7) 5. Add phase D and blend well

**Properties**

Hand Gel with 65% total alcohol concentration, used IPA 70% in one of the tests with same results. This is a very thick gel.