

**Self-Tanning Cream (o/w) - 1112**

Ingredient	Function	Percent	Wgt (g)	Wgt (oz)	Vol (tsp.)
<b>Phase A</b>					
Triglyceride (caprylic / capric triglyceride)		8.00	19.20	0.68	3.84
Meadowfoam Seed Oil (Limnanthes Alba [Meadowfoam] seed oil)		4.00	9.60	0.34	1.92
Sorbitan Stearate (sorbitan monostearate)		2.00	4.80	0.17	0.96
Polysorbate 60 (polysorbate 60)		3.00	7.20	0.25	1.44
Cetyl Alcohol (cetyl alcohol)		2.00	4.80	0.17	0.96
OM-Cinnamate (octyl methoxycinnamate)		4.00	9.60	0.34	1.92
<b>Phase B</b>					
Distilled Water (aqua)		63.20	151.68	5.35	30.34
Xanthan Gum, Prehydrated (xanthan gum)		0.50	1.20	0.04	0.24
Glycerin (glycerin)		3.00	7.20	0.25	1.44
<b>Phase C</b>					
Distilled Water (aqua)		4.00	9.60	0.34	1.92
Erythulose (d-erythulose)		3.50	8.40	0.30	1.68
Dihydroxyacetone (1,3-dihydroxy-2-propanone)		1.50	3.60	0.13	0.72
<b>Phase D</b>					
Paraben-DU (propylparaben, methylparaben, diazolidinyl urea, propylene glycol)		1.00	2.40	0.08	0.48
Potassium Sorbate (potassium sorbate)		0.30	0.72	0.03	0.14
Fragrance Coral Reef		0.30	0.72	0.03	0.14

**Method**

Give phase A into a clean, disinfected heat resistant glass beaker and heat it up to (maximum 150oF/66oC). Stir until the mixture is homogenous. Prepare phase B in separate glass beaker by sprinkling the xanthan gum into the water and stirring with high speed. Add phase B to phase A. Mix thoroughly and let it cool down to 100oF/40oC. Prepare phase C and add it to phase A/B. Stir again. Finally, add phase D and stir again. Adjust the pH to 4.5/5 using citric acid.

**Properties**

This self-tanning cream is ideal for normal to dry skin.