

Non-Oily Self Tanning Gel - 1111

Ingredient	Function	Percent	Wgt (g)	Wgt (oz)	Vol (tsp.)
Phase A					
Triglyceride (caprylic / capric triglyceride)		6.00	14.40	0.51	2.88
GelMaker EMU (sodium acrylate / sodium acryloyldimethyl taurate copolymer, isohexadecane, polysorbate 80)		3.00	7.20	0.25	1.44
Phase B					
Distilled Water (aqua)		84.30	202.32	7.14	40.46
Dihydroxyacetone (1,3-dihydroxy-2-propanone)		3.00	7.20	0.25	1.44
Erythrulose (d-erythrulose)		2.00	4.80	0.17	0.96
Phase C					
Phenoxyethanol SA (phenoxyethanol, sorbic acid, caprylyl glycol)		1.20	2.88	0.10	0.58
Fragrance Coconut Lime Verbena		0.30	0.72	0.03	0.14
Citric Acid (citric acid)	to pH 4	0.10	0.24	0.01	0.05

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 Erythrulose are dissolved. Add phase A to phase B with moderate stirring until homogeneous. 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.