

Sunless Tanning Gel - 1142

Ingredient	Function	Percent	Wgt (g)	Wgt (oz)	Vol (tsp.)
Phase A					
Distilled Water (aqua)		64.98	64.98	2.29	13.00
Glycerin (glycerin)		4.00	4.00	0.14	0.80
Dihydroxyacetone (1,3-dihydroxy-2-propanone)		4.00	4.00	0.14	0.80
Chamomile Extract (glycerin, water, Chamomille Recutita [matricaria] flower extract)		3.00	3.00	0.11	0.60
Aloe Vera 10x Concentrate (aloe barbadensis)		1.00	1.00	0.04	0.20
Phase B					
Squalane (squalane)		4.50	4.50	0.16	0.90
Apricot Kernel Oil (prunus armeniaca [Apricot] kernel oil)		2.50	2.50	0.09	0.50
Silicone Gel (cyclopentasiloxane, dimethicone crosspolymer)		2.00	2.00	0.07	0.40
GelMaker EMU (sodium acrylate / sodium acryloyldimethyl taurate copolymer, isohexadecane, polysorbate 80)		3.50	3.50	0.12	0.70
CreamMaker ANIO (glyceryl oleate citrate, caprylic/capric triglyceride)		1.00	1.00	0.04	0.20
Phase C					
Erythulose (d-erythulose)		2.50	2.50	0.09	0.50
Phenoxyethanol SA (phenoxyethanol, sorbic acid, caprylyl glycol)		1.20	1.20	0.04	0.24
Fragrance Blood Orange		0.70	0.70	0.02	0.14
Caramel Colorant (caramel)		0.01	0.01	0.00	0.00
Yellow No. 5 FD&C Lake (CI 19140 [yellow no. 5 FD&C lake])		0.01	0.01	0.00	0.00
Distilled Water (aqua)		5.00	5.00	0.18	1.00
Citric Acid (citric acid)		0.10	0.10	0.00	0.02

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 erythulose 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.