

**Sun Lotion with Aloe Vera (o/w) - 1126**

Ingredient	Function	Percent	Wgt (g)	Wgt (oz)	Vol (tsp.)
<b>Phase A</b>					
Distilled Water (aqua)		62.50	150.00	5.29	30.00
Xanthan Gum, Prehydrated (xanthan gum)		0.50	1.20	0.04	0.24
EDTA (tetrasodium ethylenediaminetetraacetic acid tetrasodium salt)		0.20	0.48	0.02	0.10
<b>Phase B</b>					
Aloe Vera 10x Concentrate (aloe barbadensis)		6.00	14.40	0.51	2.88
Sorbitol (sorbital)		2.00	4.80	0.17	0.96
<b>Phase C</b>					
Jobba Oil, Organic (Simmondsia Chinensis [Jojoba] seed oil)		9.00	21.60	0.76	4.32
Titanium Dioxide, Micronized (titanium dioxide [CI 77891])		6.00	14.40	0.51	2.88
Triglyceride (caprylic / capric triglyceride)		4.00	9.60	0.34	1.92
Sorbitan Stearate (sorbitan monostearate)		1.50	3.60	0.13	0.72
Polysorbate 60 (polysorbate 60)		3.00	7.20	0.25	1.44
Vitamin E Acetate (dl-alpha tocopheryl acetate)		1.00	2.40	0.08	0.48
Cetyl Alcohol (cetyl alcohol)		2.50	6.00	0.21	1.20
<b>Phase D</b>					
Vitamin C LAA (l-ascorbic acid)		0.50	1.20	0.04	0.24
Paraben-DU (propylparaben, methylparaben, diazolidinyl urea, propylene glycol)		1.00	2.40	0.08	0.48
Fragrance Citrus Punch		0.30	0.72	0.03	0.14

**Method**

Give hot distilled water and EDTA into a clean and disinfected glass beaker, sprinkle xanthan gum into it and stir with high speed. Add phase B to phase A and stir. Prepare phase C in a separate, heat resistant glass beaker and heat to 150oF/66oC. Stir well until the mixture is homogeneous. Heat up also phase A/B to (maximum 150oF/66oC). Remove the two phases from the heat and add phase C to phase A/B. Mix thoroughly and cool it down to 100oF/40oC. Finally, add phase D and stir again.

**Properties**

This sunscreen lotion provides UVA and UVB protection, the amount of micronized titanium dioxide can be increased to get an even higher UV protection. Please check our sunscreen chart.