



Sunscreen
Formulation FS403

<u>Phase</u>	<u>Ingredient</u>	<u>%w/w</u>
Part A	Octyl Methoxycinnamate	7.50
	Octyl Salicylate	5.00
	Oxybenzone Benzophenone 3	5.00
	Silsurf J208-812 (Siltech)	5.00
	Octyldodecyl Neopentanoate	5.00
	Beeswax	4.00
	Propylparaben	0.20
	Methylparaben	0.40
Part B	Cyclomethicone Pentamer	15.00
Part C	Water	49.55
	Propylene Glycol	2.00
	Na ₂ EDTA	0.10
	NaCl	1.00
Part D	Grapefruit Fragrance AFF 127663	<u>0.25</u>
		<u>100.00</u>

Viscosity LVF #3 at 30 RPM 2,800

Procedure:

1. Heat Part A to 70°C. Mix until all solids are dissolved.
2. Add Part B to Part A, maintaining temperature of combined phase at 65°C.
3. Heat Part C to 60°C and mix until all solids are dissolved.
4. Add Part C to Part A and B with a high speed propeller mixer.
5. Cool to 30°C and add Part D, mix until uniform.

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