



Conditioner Formulation
Formulation: FH151

<u>Phase</u>	<u>Ingredient</u>	<u>%w/w</u>
Part A	Water	qs
	Glycerin	3.00
	Carsquat SDQ-85	2.30
	Methylparaben	0.25
	Na ₂ EDTA	0.15
	Hyroxtethylcellulose	0.30
	SilPlex J2-S (Siltech)	1.0-4.0
Part B	Stearic Acid XXX	3.50
	Olive Oil	5.00
	Cetyl Alcohol	2.00
	Propylparaben	0.10
Part C	Triethanolamine 99%	0.60
	Unicide U-13	<u>0.30</u>
		<u>100.00</u>

Procedure:

1. In a suitable container weigh out water and with proper agitation slowly sprinkle Hydroxyethylcellulose. Mix until clear and uniform. Add remaining ingredients of Phase A, one ingredient at a time with proper mixing between additions. Begin to heat Phase A to 75 to 80° C.
2. In another suitable container, weigh and combine Phase B ingredients. Begin to heat Phase B to 75 to 80° C. At the desired temperature add Phase B to Phase A with agitation. Continue mixing at this temperature for 10 to 15 minutes and then begin to cool batch.
3. At 60° C, add the Triethanolamine of Phase C and mix well. The product will then begin to thicken and it is important to prevent product aeration. Cool batch to 35 to 40° C and add preservative of Phase C. Mix well.

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