



**Intensive Conditioner**  
**Formulation FH150**

<b><u>Phase</u></b>	<b><u>Ingredient</u></b>	<b><u>INCI Name</u></b>	<b><u>%w/w</u></b>
<b>Part A</b>	Water	Aqua	84.94
	Xanthan Gum	Xanthan Gum	0.06
	Incroquat Behenyl TMS (Croda)	Behentrimonium Methosulfate (and)	
<b>Part B</b>		Cetearyl Alcohol	3.20
	Procol CS 20D (Protameen)	Cetearyl Alcohol, Cetereth-20	0.75
	Glycerin	Glycerin	2.00
	<b>SilPlex J2-S Siltech</b>	<b>Silicone Quaternium-20</b>	1.50
	<b>Silquat J208-1B (Siltech)</b>	<b>PEG-8 Distearmonium Chloride</b>	2.00
		<b>PG-Dimethicone</b>	
	<b>Silwax D0-MS (Siltech)</b>	<b>Isopropyl Phenyl Dimethicone</b>	2.50
	Cetyl Alcohol (Croda)	Cetyl Alcohol	2.40
	Citric Acid	Citric Acid	0.20
	Fragrance # 8306-8937 (Aromatics & Flovors Inc.)	Fragrance	0.15
Germall Plus Liquid (ISP)	Propylene Glycol (and) Diazolidinyl Urea (and) Iodopropynyl Butylcarbamate	<u>0.30</u>	
		<b><u>100.00</u></b>	

**Procedure:**

1. Into a cleaned and sanitized stainless steel tank equipped with a propeller mixer, sift Part A ingredients weighed formula quantity of Xanthan Gum into water, blend until uniform and smooth. Heat to 70°C.
2. Add remaining ingredients successively while mixing at 70°C.
3. Adjust pH with Citric Acid, slowly cool to 30°C, while mixing.

Appearance: Smooth, uniform and creamy. pH 2.5-3.5

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