

## *Healthy Hair Treatment (HH Treatment)*

### *PAX-47-500*

<b>Trade Name</b>	<b>INCI Name</b>	<b>Company</b>	<b>Percent</b>
A Deionized Water	Water		67.85
A Chlorphenesin	Chlorophenesin	Universal Preserv-A-Chem	0.15
A Tego Cosmo C 100	Creatine	Evonik	0.50
B <b>PHOENOXOL BD-10P</b>	<b>PPG-10 Butanediol</b>	<b>Phoenix Chemical</b>	1.50
C Glycerin	Glycerin	Ashland	2.50
C Keltrol CG	Xanthan Gum	Kelco	0.30
C Veegum -regular	Magnesium Aluminum Silicate	RT Vanderbilt	0.20
D <b>PELEMOL C25EH</b>	<b>C12-15 Alkyl Ethylhexanoate</b>	<b>Phoenix Chemical</b>	3.00
D <b>PELEMOL D5R-V</b>	<b>Propanediol Dicaprylate/Caprate &amp; Diisostearyl Malate</b>	<b>Phoenix Chemical</b>	4.00
D <b>PELEMOL P99</b>	<b>Propanediol Dipelargonate</b>	<b>Phoenix Chemical</b>	2.00
D <b>PELEMOL JEC</b>	<b>Triisostearin/Glyceryl Behenate</b>	<b>Phoenix Chemical</b>	1.00
D <b>PELEMOL II</b>	<b>Isostearyl Isostearate</b>	<b>Phoenix Chemical</b>	2.00
D <b>PELEMOL EE</b>	<b>Octyldodecyl Erucate</b>	<b>Phoenix Chemical</b>	0.50
D Lipomulse 165	Glyceryl Stearate & PEG-100 Stearate	Lipo Chemical	4.50
D Cetyl Alcohol	Cetyl Alcohol	Lipo Chemical	0.50
D Stearyl Alcohol	Stearyl Alcohol	Lipo Chemical	1.50
D Anti-Aging Hair Complex	Abyssinica Seed Oil & Hydrogenated Polyisobutene & PEG-2 & Dimeadowfoamamdoethylmonium Methosulfate & Olea Europaea (Olive) Oil Unsaponifiables	Elementis	2.00
E Sepigel 305	Polyacrylamide & C13-14 Isoparaffin & Laureth-7	Seppic	1.00
F Procapil	Butylene Glycol & Water & PPG-26-Buteth-26 & PEG-49 Hydrogenated Castor Oil & Apigenin & Oleanolic Acid & Biotinoyl Tripeptide-1	Sederma	1.50
G Amino Silk SF	Silk Amino Acids	Tri-K	1.00
H Heliogenol	Butylene Glycol & Helianthus Annuus Seed Extract	Sederma	1.00
I Actiphyte of Nettle GL	Glycerin & Water & Urtica Dioica (Nettle) Extract	Active Organics	0.50
J Phenoxyethanol	Phenoxyethanol	Ashland	1.00
			100.00

**Procedure:** In a beaker large enough for the entire batch, add Phase A ingredients. Begin gentle side sweep and homomixing, while heating Phase A to 75-80°C. As the Phase A is mixing, add Phase B and mix until uniform. Add pre-mixed Phase C. In a separate beaker add Phase D and begin mixing and heating to 75-80°C. When the temperature of both phases is 75-80°C, add Phase D to Phases A/B/C. Increase the homogenizer speed. Mix for 10 minutes. Add Phase E and continue homogenizing for an additional 15 minutes. When the batch is homogenous, stop homomixing and begin cooling to 35°C. Begin adding Phases F through I one at a time and continue to cool batch to room temperature while mixing. Add Phase J and mix until uniform.

