

## Moisture Conditioner

The Moisture Conditioner is specially designed for dry, damaged hair, restoring life and hydration. The rich and highly conditioning formula is powered by **Resplanta®** water-soluble vegetal oils together with **Floviva Baobab Oil**, **DOCSilFee™ YA-30H** (natural silicone replacement) and **Cetpro** cationic conditioners.

Trade Name	INCI Name	Function	%W/W	Supplier
1 Purified Water	Aqua	Solvent	87.3198	
2 Versene™ NA2	Disodium EDTA	Chelating Agent	0.05	Dow Chemical
3 Tudor Crocus Ext D&C Violet 2	CI 60730	Colour	0.00018	Kingfisher Colours Ltd
4 Tudor Genation FD&C Blue No.1	CI 42090	Colour	0.00004	Kingfisher Colours Ltd
5 Resplanta® Argan	Argan Oil Glycereth-8 Esters	Water Soluble Oil	0.33	Res Pharma via ProTec Ingredia Ltd
6 Resplanta® Mac	Macadamia Seed Oil Glycereth-8 Esters	Water Soluble Oil	0.33	Res Pharma via ProTec Ingredia Ltd
7 Resplanta® PGA	Avocado Oil Glycereth-8 Esters (and) Water	Water Soluble Oil	0.33	Res Pharma via ProTec Ingredia Ltd
8 Natrosol™ 250 HHR	Hydroxyethylcellulose	Thickener	0.8	Ashland
9 Dehyquart® A-CA	Cetrimonium Chloride	Cationic Conditioner	0.5	BASF
10 Genamin® BTLF	Behentrimonium Chloride	Cationic Conditioner	1	Clariant
11 Codamol SS	Cetyl Esters	Conditioning	1	Croda
12 Cutina® GMS V	Glyceryl Stearate	Consistency factor	0.5	BASF
13 Lanette O	Cetearyl Alcohol	Co-Emulsifier	4	BASF
14 Floviva Baobab Oil CP Organic	Adansonia Digitata (Baobab) Seed Oil	Conditioning Oil	1	ProTec Botanica Ltd
15 DOCSilFee™ YA-30H	TBC	Natural Silicone Replacement	0.5	DOC JAPAN Via ProTec Ingredia Ltd
16 Cetpro PQ-22	Polyquaternium-22	Conditioner	0.6	ProTec Ingredia Ltd
17 D-Panthenol 75L	Panthenol	Vitamin B5	1	Adina
18 Perfume AR309020 CPL	Parfum	Fragrance	0.3	CPL Aromas
19 Glydant™ LTD	DMDM Hydantoin	Preservative	0.4	Lonza
20 Potassium Hydroxide	Potassium Hydroxide	pH adjustment	0.04	

ProTec Ingredia Ltd

Unit 10, Delta Court, Manor Way, Borehamwood, Hertfordshire, WD6 1FJ, UK

Website: [www.protectingredia.com](http://www.protectingredia.com)

Registered in London No. 07517784 VAT No. GB 100 2120 14

The information provided, to the best of our knowledge is believed to be correct however we do not guarantee its accuracy. Potential purchasers shall not only rely on information stated herein when purchasing any products and should make their own investigations to determine if such products are suitable for a particular use. It is your responsibility to thoroughly test any formulations and all warranties, indemnities or liabilities implied or expressed by law are hereby excluded by ProTec Ingredia Ltd to the fullest extent permitted by law.

## Method of Manufacture

---

### Into the main vessel add:

Purified Water	Start the mixer on a moderate fast speed.
Versene™ NA2	Mix until dissolved.
<b>Tudor Crocus Ext D&amp;C Violet 2</b>	Turn the mixer speed down to a moderate slow speed.
<b>Tudor Genation FD&amp;C Blue No.1</b>	Mix until dispersed.

### Resplanta® Argan

### Resplanta® Mac

### Resplanta® PGA

Natrosol™ 250 HHR	Commence heating the premix vessel to 75-80C.
-------------------	---

---

### Into the premix vessel add:

Genamin® BTLF  
Codamol SS  
Cutina® GMS V  
Lanette O

### Floviva Baobab Oil CP Organic

---

### When the main vessel is at 75C-80C into the main vessel add:

Dehyquart® A-CA

---

### When both vessels are at 75C-80C add the premix vessel into the main vessel:

### Mix for 5 minutes at moderate fast speed:

---

### After 5 minutes reduce the mixer speed to a slow speed:

---

### Commence cooling to 23C:

---

### When the product is at 65C into the main vessel add:

<b>DOCSilFee™ YA-30H</b>	Mix until dispersed.	
<b>Cetpro PQ-22</b>	Mix until dispersed.	
D-Panthenol 75L	Mix until dispersed.	<b>Continue cooling to 23C</b>

---

### When the bulk is 40C or below, into the main vessel add:

Glydant™ LTD	Mix until dispersed.
Perfume	Mix until dispersed.

---

### Continue to cool to 23C then check the product specifications:

If pH is too low adjust with Potassium Hydroxide solution

---

## Product Specifications

pH	3.5 -5.0
Viscosity	10000-20,00CPS (LVT Spindle 4, Speed 10, 30 seconds)
Colour	Pale Blue
Appearance	Mobile viscous liquid

ProTec Ingredia Ltd  
Unit 10, Delta Court, Manor Way, Borehamwood, Hertfordshire, WD6 1FJ, UK  
Website: [www.protectingredia.com](http://www.protectingredia.com)  
Registered in London No. 07517784 VAT No. GB 100 2120 14

The information provided, to the best of our knowledge is believed to be correct however we do not guarantee its accuracy. Potential purchasers shall not only rely on information stated herein when purchasing any products and should make their own investigations to determine if such products are suitable for a particular use. It is your responsibility to thoroughly test any formulations and all warranties, indemnities or liabilities implied or expressed by law are hereby excluded by ProTec Ingredia Ltd to the fullest extent permitted by law.