

## 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    |                                    |

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

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## Method of Manufacture

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### 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. |
|-------------------|---|

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### Into the premix vessel add:

Genamin® BTLF  
Codamol SS  
Cutina® GMS V  
Lanette O

### Floviva Baobab Oil CP Organic

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

Dehyquart® A-CA

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

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

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

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### Commence cooling to 23C:

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### 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> |

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

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

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

If pH is too low adjust with Potassium Hydroxide solution

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## 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                                |

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