



# Rich Cream Base

ASTON FW141/01 and FW141/02

These creams feel rich and nourishing and help to show the benefits gained from using the emulsifiers, Aminol LGDS and Romol AFSK.

FW141/01 contains a high level of Aminol LGDS, a liquid crystal emulsifier that builds viscosity in formulations. FW141/02 contains a high level of Romol AFSK, an emulsifier which forms a water resistant film on the skin.



Containing:

- **Aminol LGDS** – An emulsifier that helps form a liquid crystal structure, resulting in superior moisturisation and greater active delivery. Aminol LGDS also builds up viscosity in formulations.
- **Romol AFSK** – A mild emulsifier that forms a water resistant layer on the skin. This gives formulations longer contact with the skin and therefore better moisturisation.
- **Lipex PreAct** – Natural vegetable oil with skin protective action from natural vitamin E and phytosterols. Reduces damage caused by UV.

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| PHASE | INGREDIENT          | SUPPLIER          | %                  | COMPOSITION   | FUNCTION  |
|-------|---------------------|-------------------|--------------------|---|---|
| A1    | <b>D.I. WATER</b>   |                   | 70.80              | Aqua  | Solvent   |
| A2    | <b>XANTHAN GUM</b>  |                   | 0.20               | Xanthan Gum   | Rheological modifier to help stabilise the formulation  |
| A2    | <b>GLYCERIN</b>     |                   | 3.00               | Glycerin  | Humectant   |
| B     | <b>AMINOL LGDS</b>  | Aston/<br>Eleco   | 3.00<br>or<br>1.00 | Distearyl Lauroyl<br>Glutamate  | Non-ionic O/W emulsifier with the ability to form liquid crystal structures due to its structural similarity to ceramides                   |
| B     | <b>ROMOL AFSK</b>   | Aston/<br>Eleco   | 1.00<br>or<br>3.00 | Potassium Cetyl<br>Phosphate  | Ionic, extremely mild O/W emulsifier that forms a water resistance film giving formulations a longer lasting effect                         |
| B     | <b>LIPEX SHEA</b>   | Aston/ AAK        | 15.00              | Butyrospermum Parkii<br>(Shea) Butter   | Cost-effective shea butter with a much improved crystallisation profile compared to traditional shea butter.                                |
| B     | <b>LIPEX L'SENS</b> | Aston/ AAK        | 3.50               | Soybean Glycerides,<br>Butyrospermum Parkii<br>(Shea) Butter<br>Unsaponifiables | Polar semi-solid vegetable oil with a unique combination of soy glycerides and shea butter unsaponifiables. It has lanolin-like properties. |
| B     | <b>LIPEX PRACT</b>  | Aston/ AAK        | 3.00               | Canola Oil  | Bioactive Canola oil with anti-oxidative natural tocopherols (vitamin E) and anti-inflammatory phytosterols.                                |
| C     | <b>EUXYL PE9010</b> | Schülke &<br>Mayr | 0.50               | Phenoxyethanol,<br>Ethylhexylglycerin   | Preservative  |

## METHOD

- 1) Premix A2s and add to A1 whilst propeller stirring.
- 2) Heat phase A to 60-65°C with propeller stirring.
- 3) Combine Bs and heat to 60-65°C, ensure adequate dispersion of Romol AFSK as it will solubilise when the emulsion forms.
- 4) Homogenise B into A at 6000rpm for 5 minutes.
- 5) Allow to cool to room temperature with paddle stirring, add C.

