



# Soothing Mineral Mask

ASTON LR137/14

Pamper yourself with this soothing mineral mask, containing anti-inflammatory peptides and polysaccharides.

DermaPep A530 reduces inflammatory cytokine expression, whilst Teflose inhibits the adhesion of undesirable and pathogenic bacteria to the surface of the skin and modulates the inflammatory response.

Apply generously to the face and leave on the skin for 15-20 minutes.



Containing:

- **DermaPep A530** – Multifunctional anti-inflammatory peptide for irritated and sensitive skin. Helps to reduce inflammatory cytokine expression and production “in vitro”, especially IL-1alpha, IL-8 and TNF-alpha, the three most important cytokines that are known to cause skin irritation.
- **Teflose** – Ecocert approved, branched polysaccharide which contains Rhamnose, Glucose and Glucuronic Acid. It can provide a "Teflon-like coating" which inhibits the adhesion of undesirable and/or pathogenic bacteria to the surface of the skin. Helps to modulate inflammatory responses to aggressions.
- **Sericite GMS-4C** – Inert and stable mica that feels silky to the touch and provides an optical shimmer and lustre. Sericite adds a soft, translucent sheen to the final product.

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| PHASE | INGREDIENT                       | SUPPLIER          | %     | COMPOSITION   | FUNCTION  |
|-------|----------------------------------|-------------------|-------|---|---|
| A1    | <b>D. I. WATER</b>               |                   | 43.80 | Aqua  | Solvent.  |
| A1    | <b>OPTIGEL CK-XR</b>             | BYK               | 5.00  | Bentonite   | Forms a 'house of cards' structure in water to improve formulation stability.   |
| A2    | <b>CITRIC ACID, 20% SOLUTION</b> |                   | 1.60  | Aqua, Citric Acid                                     | pH adjuster.  |
| B     | <b>EUXYL PE 9010</b>             | Schülke & Mayr    | 0.50  | Phenoxyethanol, Ethylhexylglycerin                    | Preservative.   |
| B     | <b>FRAGRANCE</b>                 |                   | 0.40  | Parfum  | Natural "Ume Plum" fragrance.   |
| B     | <b>DERMAPEP A530</b>             | Aston/<br>Miwon   | 2.00  | Butylene Glycol, Glycerin, Capryloyl Pentapeptide-26  | Anti-inflammatory peptide for irritated and sensitive skin. Helps to reduce inflammatory cytokine expression and production <i>in vitro</i> , especially IL-1alpha, IL-8 and TNF-alpha. |
| B     | <b>TEFLOSE</b>                   | Aston/<br>Solabia | 4.00  | Propanediol, Aqua, Rhamnose, Glucose, Glucuronic Acid | Ecocert approved, branched polysaccharide. Inhibits the adhesion of undesirable bacteria to the surface of the skin. Helps to modulate inflammatory responses.                          |
| C1    | <b>ULTRAMARINES PURPLE</b>       |                   | 0.70  | CI 77007  | Ultramarine purple to colour formulation.   |
| C2    | <b>SERICITE GMS-4C</b>           | Aston/<br>Kincera | 42.00 | Mica  | Inert and stable Sericite. Feels silky to the touch and provides an optical shimmer and lustre.   |

## METHOD

- 1) Combine A1s and homogenise at high shear (e.g. 8,000 rpm on a Silverson) for 10 minutes.
- 2) Adjust pH to around pH 6.5 using A2.
- 3) Add Bs with stirring, then add C1, then C2 with mixing in between each addition. Mix until a homogeneous paste forms.

