

Development Formulation

Illuminating Hydrating Lotion

PC-I1403-3

Provide a radiant glow to your skin complexion with Crodarom™ Porcelain Flower, besides **Crodamol™** emollients for a soft and moisturising sensory, stabilised by the ECOCERT Certified emulsifier **Arlacel™ LC**.

| Ingredient/INCI Name | Functionality | % w/w |
|--|---------------------------|-------|
| Phase A | | |
| Deionised Water | Diluent | 79.00 |
| Glycerine | Moisturising | 4.00 |
| Arlacel LC (Sorbitan Stearate and Sorbityl Laurate) ¹ | Emulsifier | 3.00 |
| Phase B | | |
| Crodamol™ STS (PPG-3 Benzyl Ether Myristate) ¹ | Emollient | 6.00 |
| Crodamol™ ISIS (Isostearyl Isostearate) ¹ | Emollient | 4.00 |
| Crodamol™ PTIS (Pentaerythrityl Tetraisostearate) ¹ | Emollient | 2.00 |
| Phase C | | |
| Volarest™ FL (Acrylates/Beheneth-25 Methacrylate Copolymer) ¹ | Liquid dispersion polymer | 1.00 |
| Phase D | | |
| Crodarom Porcelain Flower (Caprylic / Capric Triglyceride (and) Hoya Lacunosa Flower Extract) ² | Skin Illuminating Extract | 1.00 |
| Colourant | Colourant | q.s. |
| Mica | Pigment | q.s. |
| Preservative | Preservative | q.s. |

Suppliers: **1:Croda 2:Crodarom**;

Procedure:

Heat up phase A to 80°C and stir for 20 minutes. Mix Phase A with Turrax homogeniser for 30 seconds at 6000rpm. Place to water bath for 30 minutes at 80°C. Heat up phase B to 80°C. Slowly add phase B to the phase A under high speed stirring. Homogenise for 1 minute in Turrax at 10000rpm. Maintain gentle stirring until room temperature is reached. Add Phase D under stirring. Add Phase C and adjust pH with sodium hydroxide solution 10% to pH 6.8 (± 0.2).

This formulation was developed in Latin America. Contact your local sales representative with enquiries as ingredient availability can vary by region.

Non-warranty

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