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Serum (Gel-like, water based)

Ingredients

| Phase | %w/w input | Ingredient |
|-------|------------|--|
| A | 81.10 | Water |
| A | 2.00 | Baobab protein |
| A | 2.00 | Hydroxypropyltrimonium Honey (Honeyquat) |
| A | 2.50 | Blue lotus extract - butylene glycol |
| A | 2.50 | Green coffee extract - glycerin |
| B | 5.00 | Propanediol |
| B | 0.40 | Xanthan gum |
| C | 0.50 | Blackcurrant oil |
| C | 2.50 | Cyclomethicone/Cyclopentasiloxane |
| C | 0.20 | Grapefruit pink (Citrus paradisi) peel essential oil |
| C | 0.10 | Orange - sweet (Citrus sinensis) peel essential oil |

Repairing Hair Serum

| | | |
|---|------|---|
| C | 0.20 | Tocopherols - mixed |
| C | 1.00 | Benzyl Alcohol, Salicylic Acid, Glycerin, Sorbic Acid (Geogard ECT) |
| | q.s. | pH Adjuster |

**Method**

1. Combine ingredients in phase A under low shear until homogenously mixed.
2. Combine ingredients in phase B under low shear until a slurry forms. Add to phase A and stir under high shear until homogenous.
3. Combine materials in phase C. Add slowly to phase A/B under low shear. Stir until homogenous.
4. Check/adjust pH to 5.3 - 5.8. Give the product a final stir the next day before packing off.

Disclaimer: This formula and method has been developed based on the theoretical selection of listed ingredients; all costs associated with producing a sample of this product is the user's responsibility including any reworks or fails. IPCS recommends a 100g lab scale sample be made and pilot production prior to full scale production.

Please refer to supplier Safety Data Sheets (SDS/MSDS) to ensure safe handling of all raw materials. IPCS holds no responsibility for inappropriate use of materials selected, the formulation or method, in part or as a whole.

It is a condition of use of this formula and method that the user holds full responsibility for ensuring safe and correct use and storage of any materials they source and use, as well as ensuring compliance with local regulations and 'clean product preparation' steps are followed when producing samples, especially for use by others. Evaluations of the safety, stability and suitability of this formula, method and finished product are the sole responsibility of the user.

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INCI names provided on this site are used as a guide to assist with selections and product descriptions. Users will need to source and check full material information from their suppliers and prepare compliant ingredient lists specific to the materials they actually use.