

CA 1015 Brightening Gel Cream

| Ingredients            | %(w/w) | Functions         | INCI designation                            | Supplier   |
|------------------------|--------|-------------------|---------------------------------------------|------------|
| <b>Phase 1</b>         |        |                   |                                             |            |
| Emulium 22             | 2      | O/W emulsifier    | Tribehenin PEG-20 Esters                    | Gattefosse |
| MOD                    | 4      | Emollient         | Octyldodecyl Myristate                      | Gattefosse |
| Florasun 90            | 2      | Emollient         | Sunflower Seed Oil                          | Floritech  |
| BC Volatile 5          | 5      | Feeling agent     | Cyclomethicone                              | Basildon   |
| Cetearyl Alcohol       | 1.5    | Thickener         | Cetyl and Stearyl Alcohol                   |            |
| <b>Phase 2</b>         |        |                   |                                             |            |
| Deionised water        | 56.85  | Carrier           |                                             |            |
| Glycerine              | 5      | Humectant         | Glycerine                                   |            |
| Ultrez 20              | 0.3    | Gelling agent     | Acrylates/C10-30 Alkyl Acrylate             |            |
| Xanthan Gum            | 0.2    | Gelling agent     | Xanthan Gum                                 |            |
| <b>Phase 3</b>         |        |                   |                                             |            |
| NaOH (50% Soln.)       | 0.15   | pH regulator      | Sodium Hydroxide                            |            |
| <b>Phase 4</b>         |        |                   |                                             |            |
| Microcare PM5          | 0.8    | Preservatives     | Phenoxyethanol (and) Methylparaben          |            |
| PF JG13092             | 0.2    | Fragrance         |                                             |            |
| Extrait Original Lemon | 10     | Lemon water       | Lemon Water                                 | Gattefosse |
| Gatuline RC            | 5      | Nourishing active | Water (and) <i>Fagus Silvatica</i> extract  | Gattefosse |
| Transcutol CG          | 3      | Activity Enhancer | Ethoxydiglycol                              | Gattefosse |
| Fresh Cells Mango      | 4      | Mango cells       | Water (and) <i>Mangifera Indica</i> (Mango) | Gattefosse |
| <b>Total</b>           | 100    |                   |                                             |            |

*This formula is presented in good faith, and we believe it is correct, but no warranty as to accuracy of results, or fitness for a particular use is given, nor is freedom from patent infringement to be inferred. It's offered solely for your consideration, investigation and verification.*

**Process:**

1. Dissolve Glycerine in deionised water. Disperse Ultrez 20 over the deionised water. Let stand.
2. Then, disperse Xanthan Gum over the deionised water at Phase 2.
3. Heat Phase 1 and 2 to 75-80°C.
4. After that, add Phase 1 heated to 75-80°C into Phase 2 heated to 75-80°C.
5. Homogenize for about 5 minutes. Add in Phase 3 into Phase 1+2.
6. Cool while stirring.
7. Finally, add in all the ingredients in Phase 4 into Phase 1+2+3 at 45°C.
8. Complete cooling.



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