Category: Hair Care

**AG1-060: Mango Butter Conditioner**

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| --- | --- | --- | --- |
| Ingredient | INCI | Supplier | W/W% |
| Phase A (aqueous) |  |  |  |
| DI Water | Water | -- | 80.25 |
| Phase B (oil) |  |  |  |
| Nequat DBS | **Stearyl Alcohol (and) Behenamidopropyl Ethyldimonium Ethosulfate (and) Dilinoleic Acid (and) Dimethyl Palmitamine** | **Alzo International** | **7** |
| Stearyl Alcohol | Stearyl Alcohol | Alzo International | 7 |
| Dermol MBDD | **Mango Butter Dimer Dilinoleyl Esters/Dimer Dilinoleate Copolymer** | **Alzo International** | **4** |
| Dermol OPG | **Ethylhexyl Perlargonate** | **Alzo International** | **1** |
| Phase C (preservatives) |  |  |  |
| Nipaguard SCE | Sorbitan Caprylate (and) Propanediol (and) Benzoic Acid | Clariant | 0.75 |
|  |  |  |  |
| Total |  |  | **100.00** |

**Manufacturing Procedure**:

1. In a side beaker, heat water to 70-75° C
2. In main beaker, combine oil phase and heat to 70-75° C, or until homogenous liquid mixture
3. Add water to Phase B and homogenize until uniform
4. Cool and add panthenol & preservative

**Alzo Ingredient Benefits**:

**Dermol MBDD –** naturally-derived polymer from mango butter & rapeseed oil; great for retaining moisture in the skin and hair

**Dermol OPG** – a branched, light moisturizing emollient ester that is non-greasy and is a good alternative to silicones

**Nequat DBS** – Behenyl quat cationic conditioner that offers exceptional softening detangling of the hair, and also acts as a self-emulsifier in cationic creams.