

Overnight Repair Cream

Formula #6/23-421/358-6

Features

- Structured water-in-oil emulsion
- Chassis allows for inclusion of actives
- Interesting texture on pickup, long playtime, very substantive

Skin Care

Emulsion

Natural / Clean

Formula

Beeswax

Natural wax produced by honeybees. Multifunctional; excels at making anhydrous formulas soft and pliable, and making emulsions glossy, thick and with excellent pickup. Structurant, plasticizer, thickener.

Kester Wax K-24

Naturally derived wax ester of plant origin. Low melt point semi-solid, melts on body contact, provides cooling sensation. Adds slip, reduces greasy feel, dimethicone alternative. Usage level up to 50%.

| Trade Name | INCI Name | % |
|------------------------------|---------------------------------|------|
| <i>Phase A</i> | | |
| Beeswax ¹ | Beeswax | 5.0 |
| Kester Wax K-24 ¹ | Lauryl Laurate | 9.4 |
| Lipex SheaSolve ² | Shea Butter Ethyl Esters | 4.3 |
| Canola Oil ³ | Canola Oil | 3.4 |
| Jeechem CTG ⁴ | Caprylic/Capric Triglyceride | 12.9 |
| Akoline PGPR ² | Polyglyceryl-3 Polyricinoleate | 5.0 |
| <i>Phase B</i> | | |
| Deionized Water | Aqua | 55.0 |
| Optiphen ⁵ | Phenoxyethanol, Caprylyl Glycol | 0.5 |
| Glycerin | Glycerin | 3.8 |
| Magnesium Sulfate | Magnesium Sulfate | 0.7 |

Procedure

- Combine Phase A ingredients and heat to 75 °C.
- Combine Phase B ingredients and heat to 75 °C.
- Once both Phases are at temperature, add Phase B to Phase A and mix using high shear.
- When emulsion is smooth, pour at 55 -60 °C into appropriate containers. Keep mixer on during filling.

Stability Information:

Three months at 45 °C, three months at room temperature, three freeze/thaw cycles.

Supplier Information:

1. Koster Keunen, Inc.; 2. AAK; 3. Jedwards; 4. Jeen; 5. Brenntag Specialties.

Looking for additional formulas? Try our Formula Selector Tool at: kosterkeunen.com/pcformulationguide