# lature's g outter cream shiloxome To Shilo



# **Formulation** Development

73730FOR (April 2024)

| PHASE | INCI / PCPC   | TRADE NAME                 | SUPPLIER    | w/w%   |
|-------|---|----------------------------|-------------|--------|
| A.1   | Hydrogenated Vegetable Oil  | Dermofeel ® Viscolid<br>MB | Evonik      | 10.00  |
| A.2   | Simmondsia Chinensis Seed Oil   | Jojoba Oil                 | Provital    | 5.00   |
| A.3   | Oleyl Erucate   | Tegosoft® OERMB            | Evonik      | 7.00   |
| A.4   | Polyglyceryl-3 diisostearate and Polyglyceryl-3 Polyricinoleate                                 | Makibase SEB               | Daito Kasei | 5.00   |
| A.5   | Coco-Caprylate/Caprate  | Cetiol® C5C                | BASF        | 7.67   |
| A.6   | Tocopherol  | Covi-ox® T70 C             | BASF        | 0.50   |
| A.7   | Fragrance   | Fields of Rye              | Luzi        | 0.50   |
| A.8   | CI 15985:1  | FDC&C YELLOW 6 AL LAKE     | Spectra     | 0.03   |
| B.1   | Water (Aqua)  |                            |             | 58.00  |
| B.2   | Magnesium Sulfate   |                            |             | 1.50   |
| B.3   | Pentylene Glycol  |                            |             | 2.00   |
| B.4   | Phenylpropanol (and) Propanediol (and) Caprylyl Glycol (and) Tocopherol                         | Sensiva™ PA 40             | Ashland     | 0.80   |
| B.5   | Aqua,Propanediol,Faex Extract,Xanthan<br>Gum,Pentylene Glycol,Levulinic Acid,Glyce<br>Caprylate | Shiloxome                  | Provital    | 2.00   |
|       |   |                            | TOTAL       | 100.00 |

#### **PROCEDURE**

- 1. Mix ingredients of phase A with magnetic stirring while heating to 75°C.
  2. Prepare phase B mixing B.1 + B.2 then adding B.3 + B4 then finally B.5 while heating to 75°C.
  3. Make the emulsion adding slowly phase B into phase A under stirring maintaining temperature.
- 4. Then homogenize for 1 min.
- 5. Cool down under stirring to 42°C.
- 6. Homogenize again for 1 min.

### CONTROL

Appearance: Peach butter like emulsion. Stability Test: 3 months at 25°C, 40°C.

## **DIRECTIONS**

With a spatula take some product out of the jar, and spread it to your face and neck.

#### **TARGET**

Dry skin types.

**NATURAL ORIGIN CONTENT (ISO 16128)** 

98.67%

**EWG** 

COMPLIANCE





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