

Telophi™ biotech ingredient Restoring Facial Mask

F-0196(EU)

De-stress your skin with this soothing mask. **Carbopol®* Ultrez 30 polymer** provides a rich silky gel texture while enabling good viscosity and a smooth application, while **Glucam™* E-20 humectant** moisturizes your skin. **Telophi™* biotech ingredient** restores facial harmony by improving symmetry of facial features like luminosity and facial contour as well as increasing firmness and reducing the appearance of wrinkles. The formulation contains **Aromaphyte™* Lavander Lipo S2**, which provides a pleasant and natural lavender fragrance.

	INCI Name, Trade Name	Weight %	Function
A.	1. Deionized Water	74.83	Diluent
	2. Carbomer, Carbopo®* Ultrez 30 polymer	0.70	Rheology modifier
B.	3. Betaine, Genecare® OSMS BA	1.50	Humectant
C.	4. Cellulose gum, Ceko® 1000 P Cellulose Gum	0.70	Rheology modifier
	5. Propanediol, Zemea® Propanediol	8.00	Humectant
	6. Glycerin	5.00	Humectant
	7. Methyl Gluceth-20, Glucam™* E-20 humectant	2.00	Humectant
D.	8. Sodium Hydroxide (20%)	0.70	pH adjuster
E.	9. Phenylpropanol (and) Caprylyl Glycol (and) Propanediol (and) Tocopherol, Sensiva® PA 40	0.80	Preservative
	10. Glycerin (and) Water (Aqua) (and) Bacillus Ferment, Telophi™* biotech ingredient	2.00	Skin Conditioning Agent
F.	11. PEG-40 Hydrogenated Castor Oil, Cremophor® CO 40	1.00	Solubilizer
	12. Carthamus Tinctorius Seed Oil (and) Lavandula Angustifolia Flower Extract (and) Lavandula Angustifolia Flower Oil, Aromaphyte™* Lavander Lipo S2	0.50	Fragrance

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Product Properties:

Appearance	Translucent violet gel
pH	5.5–6.0
Viscosity (mPa·s)**	20,000–30,000
Recommended Packaging	Jar
Stability	Pass 1 month @50 °C, and 3 months @40 °C and 25 °C and 5 Freeze/Thaw cycles

**Brookfield® RV, DVII+ Viscometer (Brookfield AMETEK, Inc.) spindle 6 @ 20 rpm, 25 °C @ 24 hours

Supplier References:

Lubrizol Advanced Materials, Inc. (2, 7, 12)
 DuPont (3)
 CP Kelco (4)
 DuPont Tate & Lyle Bio Products (5)
 Schülke & Mayr GmbH (9)
Lipotec SAU (10)
 BASF (11)
 Sancolor S.A. (13, 14)

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	INCI Name, Trade Name	Weight %	Function
G.	13. CI 42090, <i>FD&C Blue N°1 (0.1%)</i>	0.12	Dye
	14. CI 17200, <i>D&C Red N°33 (0.1%)</i>	0.15	Dye
H.	15. Alcohol Denat.	2.00	Solvent

Procedure:

1. In an appropriate clean beaker, weigh the ingredients of **PHASE A** and mix until complete dispersion.
2. Add **PHASE B** while mixing.
3. In a parallel beaker, premix **PHASE C** with vigorous agitation until complete dispersion and add it to **PHASE AB**.
4. Adjust pH with **PHASE D**.
5. Add **PHASE E** with gentle agitation.
6. Premix and heat to 40°C **PHASE F** and add it to batch.
7. Add **PHASE G**.
8. Add **PHASE H** and mix with gentle agitation until uniform.
9. Check pH (5.5-6.0).