

Starting point formulation – Facial mask – balancing clay

Facial mask with mild cleansing properties for a beautiful and healthy skin. This mask removes sebum and dirt, pores become refined. **PURABYK-P 5541 SATIN** is used as purifying and mattifying additive, **GELWHITE-H** leads to a nice texture, stabilizes the emulsion and keeps the particles suspended.

Formulation

| Phase | Tradename | INCI | Supplier | Function | Dosage (%) |
|--------------|------------------------------|---|----------------------|--------------------|---------------|
| A | Water | Aqua | | Carrier | 73.80 |
| | GELWHITE-H | Bentonite | BYK | Rheology modifier | 3.00 |
| | Cosphaderm X 34 | Xanthan Gum | Cosphatec | Thickener | 0.50 |
| B | PURABYK-P 5541 SATIN | Bentonite | BYK | Absorbing agent | 9.00 |
| C | Glycerin | Glycerin | Merck | Moisturizing agent | 2.50 |
| | D-Panthenol 75W | Panthenol, Aqua | BASF | Active | 1.00 |
| D | Cutina GMS-SE G | Glyceryl Stearate SE | BASF | Emulsifier | 5.00 |
| | SyriCalm CLR | Water, Phragmites Kharka Extract, Poria Cocos Extract | clr-Berlin | Active | 3.00 |
| | BioChemica Vitamin E Natural | Tocopherol | HallStar/ BioChemica | Antioxidant | 0.50 |
| E | Euxyl PE-9010 | Phenoxyethanol, Ethylhexylglycerin | Ashland | Preservative | 1.50 |
| | VI 80 007 | Perfume | Vögele | Fragrance | 0.20 |
| Total | | | | | 100.00 |

GELWHITE-H is a high-purity natural bentonite with extraordinary anti-settling, stabilizing and sensorial attributes.

PURABYK-P 5541 SATIN is a natural bentonite providing mattifying and purifying properties.

Instructions (manufacturing procedure)

- Weigh in the ingredients of phase A and homogenize with ultra turrax 15 min/6500 rpm.
- Premix phase C and add to phase A while stirring.
- Heat phase A/C until 75 °C–80 °C.
- Mix phase D and heat until 75 °C–80 °C and add it to phase A/C.
- Add phase B under stirring and homogenize until homogenous with medium stirring.
- Cool down under medium stirring and add phase E below 35 °C.
- Homogenize 1 min with ultra turrax at 3000 rpm.
- Adjust the final pH to 5.0–5.5 with citric acid.

Characteristic data

- Appearance: beige, high viscous
- Storage stability: 3 months at 40 °C



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