

# Base for BB Cream with BergaMuls ET 1



The vegetable fibre compound BergaMuls ET 1 functions as the main emulsifier in this BB cream. It provides a luxurious skin feel and supplies moisture to the skin. Compatible even with sensitive raw materials, BergaMuls ET 1 can be used for o/w and si/w emulsions.



| Phase | Product                  | INCI Name                    | % (w/w)   |
|-------|--------------------------|------------------------------|-----------|
| A     | Demin. Water             | Aqua                         | up to 100 |
|       | Xanthan Gum              | Xanthan Gum                  | 0.3       |
| B     | <b>BergaMuls ET 1'</b>   | <b>β-Glucan (and) Pectin</b> | 3.5       |
|       | Caprylyl Methicone       | Caprylyl Methicone           | 1.0       |
|       | Dimethicone              | Dimethicone                  | 3.0       |
|       | Cetyl Dimethicone        | Cetyl Dimethicone            | 2.0       |
|       | Cyclopentasiloxane       | Cyclopentasiloxane           | 5.0       |
| C     | Demin. Water             | Aqua                         | 20.0      |
|       | Pentylene Glycol         | Pentylene Glycol             | 4.0       |
|       | TiO <sub>2</sub>         | Titanium Dioxide             | 2.5       |
|       | Red pigments             | -                            | 0.1       |
|       | Yellow pigments          | -                            | 0.5       |
|       | Black pigments           | -                            | 0.1       |
|       | Glycerin 99.5%           | Glycerin                     | 7.0       |
| D     | Alcohol Denat            | Ethanol                      | 7.0       |
|       | Preservative / Fragrance | -                            | q.s.      |

Suppliers: 1: Berg + Schmidt,

## Formulation instructions:

- Weigh Phase A and heat to 75°C while gently stirring
- Proceed in the same way for Phase B, but without BergaMuls ET 1
- Separately weigh all raw materials from Phase C and stir
- Add Phase C into Phase A
- After Phase B reaches 75°C, add BergaMuls ET 1 and stir for 30 seconds
- Add Phase B to Phase A while stirring and homogenise with high shear force (around 9500 rpm) for 30 seconds
- Cool down to 40°C while stirring gently and add fragrance, alcohol denat and preservative

pH = 5.9

Viscosity (24H) = 6220 Cps

Internal Ref: BB-008-BSC



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