

Base Formulation for natural cream with BergaMuls ET 1

Containing exclusively „COSMOS“ approvable raw materials, this formulation demonstrates the performance of BergaMuls ET 1 as the ideal solution for your natural emulsion.



Distributed by:

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| Phase | Product | INCI Name | % (w/w) |
|-------|--------------------------------|---|-----------|
| A | Demin. Water | Aqua | Up to 100 |
| | Glycerin | Glycerin | 3.0 |
| B | BergaMuls ET 1' | β Glucan (and) Pectin | 3.3 |
| | BergaCare SB' | Butyrospermum Parkii (Shea) Butter | 1.8 |
| | Apricot Oil | Prunus Armeniaca kernel Oil | 8.1 |
| | Vegarol 1618 50:50 | Cetearyl Alcohol | 2.5 |
| | Tocopherol Mix | Tocopherol (and) beta-sitosterol (and) squalene | 0.1 |
| | Joboba Oil | Simmondsia chinensis Seed Oil | 0.5 |
| | Corn Po4 PHB 9062 ² | Zea Mays Starch | 2.2 |
| C | Alcohol Denat. | Ethanol | 1.0 |
| | Preservative / Fragrance | - | q.s. |

Suppliers: 1: Berg + Schmidt, 2: Agrana

Formulation instructions:

- Weigh Phase A, stir until homogeneous
- Heat Phase A and B to 75°C, BergaMuls ET 1 and corn starch are added to the oil phase under gentle stirring
- Add slowly Phase A to Phase B while stirring -800rpm- (no lumps must be visible)
- After 5 min. of stirring, homogenize for 30-60 sec under high shear force (9000rpm)
- Add Phase C under stirring as soon as mixture is cooled to approx. 40°C. The emulsion should be stirred for at least 40 min
- Homogenize (30-60 sec.)

pH = 5.4

Viscosity (24H) = 9940 Cps

Stability under progress / Internal Ref: FJO B264