

Cream (W/Si) with Biosil Basics I-90

Ref: PS1-169

| INCI | Trade Name | Supplier | % W/W |
|--|---------------------------|---------------|-------------|
| Phase A | | | |
| Cetyl PEG/PPG-10/1 Dimethicone | Biosil Basics I-90 | Biosil | 2.50 |
| Cyclopentasiloxane | Dow Corning 245 Fl | Dow Corning | 10.00 |
| Dimethicone | Dow Corning 200/50 | Dow Corning | 10.00 |
| Blend of Silicone | ICM 2627D | ICM | 5.0 |
| Bis-PEG-18 Methyl Ether Dimethyl Silane | Dow Corning 2501 | Dow Corning | 5.0 |
| Ceresin | Botaniwax CE-112 | Botanigenix | 1.50 |
| Phase B | | | |
| D.I. Water | D.I. Water | | 62.60 |
| Glycerin | Glycerin 99.5% | JEEN | 2.00 |
| Sodium Chloride | Sodium Chloride | PCI | 0.40 |
| Phase C | | | |
| Methyl Paraben, Ethyl Paraben, N-Butyl Paraben, Propyl Paraben, Isobutyl Paraben, Phenoxyethanol. | Phenonip | Clariant | 1.00 |

Procedure: Mix ingredients of Phase B together (no heat required). Combine ingredients of Phase A together. Heat to 75°C and mix until it is uniform. Add Phase B to Phase A very slowly under mixing and cool it down until 30-35°C. Add Phase C with mixing. Homogenize until desired viscosity is reached (5 min @ 4000RPM).

Parameters: Viscosity 97800 CPS S#6/5 RPM

Stability: Acceptable 8 weeks stability at 4°C, RT 45°C, and 3 F/T cycles