



**Sun Face Fluid (Shake Shake) SPF 20 UVA
 with CORN PO4 PH "B"**

**"developed & formulated by
 Evonik Industries AG"**

| Ingredients | INCI-Name | %w/w | Supplier |
|------------------------|--|-------------|-----------------|
| Phase A | | | |
| ABIL® EM 90 | Cetyl PEG/PPG-10/1 Dimethicone | 1,00 | |
| TEGOSOFT® XC | Phenoxyethyl Caprylate | 11,00 | |
| TEGOSOFT® DEC | Diethylhexyl Carbonate | 2,50 | |
| TEGO® Sun T 805 | Titanium Dioxide; Trimethoxycaprylsilane | 0,20 | |
| Cyclopentasiloxane | | 12,00 | |
| Octocrylene | | 6,00 | |
| Ethylhexyl Salicylate | | 2,00 | |
| Tinosorb S | Bis-Ethylhexyloxyphenol Methoxyphenyl Triazine | 1,50 | |
| Antarone V-216 | VP/Hexadecane Copolymer | 0,50 | |
| Phase B | | | |
| Water | | 4,43 | |
| Sodium Hydroxide | | 0,07 | |
| Eusolex 232 | Phenylbenzimidazole Sulfonic Acid | 0,50 | |
| Phase C | | | |
| Water | | 46,40 | |
| Glycerin | | 6,00 | |
| CORN PO4 PH "B" | Distarch Phosphate | 1,50 | |
| Alcohol | | 1,00 | |
| Phase D | | | |
| Microcare MEM | Dipropylene Glycol; Methylparaben; Ethylparaben; Aqua; Methylisothiazolinone | 0,80 | |
| Phase Z | | | |
| Perfume | | q.s. | |



PROCEDURE

1. Heat phase A to approx. 85 °C.
2. Disperse TEGO Sun T 805 in phase A.
3. Prepare phase B (neutralization of Eusolex 232).
4. Add phase C to phase B.
5. Add phase B/C (80 °C or room temperature) slowly while stirring to phase A.
6. Homogenise for a short time.
7. Cool with gentle stirring and add phase D below 40 °C.
8. Homogenise again below 30 °C.

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