

ClearShield Sunscreen Stick

26188



| Phase | % | Tradename | INCI | Supplier | Function |
|----------|------|-------------------------------|---|-------------------|-------------------------|
| A | 25.0 | SustOleo BA | Brassica Alcohol | Inolex | Wax structurant |
| A | 23.0 | SustOleo BG | Brassica Glycerides | Inolex | Wax structurant |
| B | 40.0 | LexFeel Natural | Heptyl Undecylenate | Inolex | Emollient |
| B | 2.0 | LexFilm Sun Natural MB | Capryloyl Glycerin/Sebacic Acid Copolymer | Inolex | Dispersant, film former |
| C | 10.0 | MZ-500 | Zinc Oxide | MIFI Bioceuticals | Sunscreen active |

Active ingredients: 10% Zinc Oxide

Heptyl Undecylenate, Brassica Alcohol, Brassica Glycerides, Capryloyl Glycerin/Sebacic Acid Copolymer

Procedure

1. Warm A until waxes start to melt
2. Add B to A with fast high shear impeller stirring while maintaining heat (80°C)
3. Add to C to A/B with fast high shear impeller stirring while maintaining heat (80°C)
4. Pour immediately into stick containers

Distinctives

- ✚ Easily spreadable solid sunscreen, great for children
- ✚ Little to no white cast after use
- ✚ Appropriate for daily facial and beach applications or as a primer
- ✚ Highly efficient formulation with 10% Zinc Oxide yielding an in-vitro SPF 33.5, Critical Wavelength 373.2nm
- ✚ 100% naturally derived ingredients