

Starting point formulation – Lip balm in the tube with SPF – sun-safe softness in a squeeze

Easy to apply semi-solid shimmering lip balm that leaves your lips feeling soft, smooth, and UV protected. **TIXOGEL-CCT** stabilizes the mineral UV filter and leads to a shear thinning flow behaviour, so that the balm can be easily squeezed out of the tube.

Formulation

Position	Component	INCI	Supplier	Function	Dosage (%)
A	KAHLWAX 6607 WOA Sunflower	Helianthus Annuus Seed Cera	KAHL	Consistency providing agent	3.00
	KAHLJELLY 7037 BERRY	Ricinus Communis Seed Oil, Rhus Verniciflua Peel Cera, Tocopherol, Helianthus Annuus Seed Oil	KAHL	Conditioner, Re-fattening agent	24.00
	KAHLWAX 6237 Rapeseed	Hydrogenated Rapeseed Oil	KAHL	Conditioner, Re-fattening agent	3.00
	BergaCare SB	Butyrospermum Parkii Butter	Berg + Schmidt	Emollient	3.00
	Castor Oil	Ricinus Communis Seed Oil	Gustav Heess	Emollient	26.00
	Sweet Almond Oil	Prunus Amygdalus Dulcis Oil	Gustav Heess	Emollient	15.00
	Myritol 318	Caprylic/Capric Triglyceride	BASF	Emollient	8.00
	ZinClear XP	Zinc Oxide	Advance ZincTeK Ltd, Antaria	UV filter	12.00
B	TIXOGEL-CCT	Caprylic/Capric Triglyceride, Stearalkonium Bentonite, Propylene Carbonate	BYK	Rheology modifier	5.00
	SYNCRYSTAL Gold	Synthetic Fluorphlogopite (and) Titanium Dioxide (and) Tin Oxide	ECKART	Colorant	0.20
C	Vitamin E natural	Tocopherol	Hallstar	Active	0.50
	Fruit Cocktail Flavor	Propylene Glycol, Flavor	Dragonspice Naturwaren	Flavor	0.30
Total					100.00

Instructions (manufacturing procedure)

- Heat the ingredients of phase A to 85 °C. Add phase B and stir for a few minutes.
- Cool to 70 °C and add phase C while stirring.
- Fill into packaging at 65 °C.

Characteristic data

- Appearance: creamy shimmering, high viscous.
- Storage stability: 3 months at 40 °C.

TIXOGEL-CCT is a mastergel based on organically modified bentonite. It suspends pigments and enables rich consistencies without greasy skin feel.



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