

## CEVO-cos K-5130

## Body Butter – Base Receipt

Formula No 22-16-4-2

### Composition

Phase	Trade name	INCI name	Supplier	Weight [%]
Water phase	Deionised Water	Aqua		57.30
	Dermosoft® 1388 ECO	Aqua + Glycerin + Sodium Levulinate + Sodium Anisate	Dr. Straetmans	4.00
	Structure® XL	Hydroxypropyl Starch Phosphate	AkzoNobel Surface Chemistry	4.00
Thickener phase	Glycerin 99.5%	Glycerin	AOT	5.00
	Keltrol® CG-SFT	Xanthan Gum	CP Kelco	0.10
	Cosmedia® SP	Sodium Polyacrylate	BASF	0.50
Oil phase	CEVO-cos K-5130	Proprietary blend of Ceresin (INCI), Dammar (INCI) and Copernicia Cerifera (Carnauba) Wax (INCI)	VOELPKER	4.00
	Eumulgin® SG	Sodium Stearoyl Glutamate	BASF	0.50
	Emulgade® PL 68/50	Cetearyl Glucoside Ceteryl Alcohol	BASF	3.00
	Cutina® GMS V	Glyceryl Stearate	BASF	3.00
	Cetiol® CC	Dicaprylyl Carbonate	BASF	7.00
	Sweet Almond Oil	Prunus Amygdalus Dulcis (Sweet Almond) Oil	AOT	5.00
	BRB Silicone Oil 100cS	Dimethicone	BRB	1.00
	Softigen® Pura	Olus Oil	IOI Oleo GmbH	5.00
Extra phase	Cotton Water E_1407987	Parfum	Exilva	0.60

### Preparation (300 g batch)

1. Heat the water phase to 80 °C and the oil phase to 90 °C.
2. Add the oil phase to the water phase while stirring with the Silverson mixer at 6,000 rpm and then add the thickener phase.
3. Homogenise for 2 minutes with the Silverson mixer at 9,000 rpm.
4. Allow to cool down while stirring with the IKA paddle stirrer at 300 rpm.
5. Once the temperature has reached 30 °C, add the extra phase and stir for another five minutes. Ready.

### Formula Specifications

Appearance	buttery hair wax
Viscosity (Brookfield DV3T, spindle 6/speed 10/time 30 s)	321.0 mPas
pH value	5.8 – 6.1
Centrifugation (15 min at 4,000 rpm)	no separation

### Stability Data

#### Storage Stability in Terms of Appearance

- stable at room temperature
- stable at 5 °C ... 40 °C for at least 30 days

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