

CEVO[®]-cos K-8560
Sun Lotion SPF 15 – Base Receipt

Formula No 22-16-1-7-a

Composition

Phase	Trade name	INCI name	Supplier	Weight [%]
Water phase	Deionised Water	Aqua		62.60
	Glycerin 99.5 %	Glycerin	AOT	4.00
	Magnesium Sulfate	Magnesium Sulfate	Inter-Harz	0.70
	Potassium Sorbate	Potassium Sorbate	Inter-Harz	0.50
	Citric Acid	Citric Acid	Inter-Harz	0.20
Oil phase	CEVO [®] -cos K-8560	C18-36 Acid Triglyceride	VOELPKER	1.50
	dermofeel [®] PGPR	Polyglyceryl-3 Polyricinoleate	Dr. Straetmans	5.00
	Tegosoft [®] CT	Caprylic/Capric Triglyceride	Evonik	5.00
	Cosmacol [®] ESI	Tridecyl Salicylate	Sasol	5.00
	Cosmacol [®] OE	Dicaprylyl Ether	Sasol	5.00
	Solaveil [™] XT-300-LQ-(WD)	Titanium Dioxide (and) Caprylic/Capric Triglyceride (and) Polyhydroxystearic Acid (and) Stearic Acid (and) Alumina	Croda	10.00
Perfume phase	Cotton Water E_1407987	Fragrance	Mane	0.50

Preparation (300 g batch)

1. Heat water and oil phase up to 80 °C.
2. Add water phase slowly into oil phase under stirring.
3. Homogenise 1 min with SilentCrusher/ULTRA-TURRAX[®] at 20,000 rpm.
4. Cool down under stirring with IKA paddle stirrer at 300 rpm.
5. Add perfume phase below 40 °C and homogenise 1 min with SilentCrusher/ULTRA-TURRAX[®] at 20,000 rpm. Ready.

Formula Specifications

Appearance	white, soft w/o emulsion
Viscosity (Brookfield DV3T, spindle 6/speed 10/time 30 s)	18,900 mPas
pH value	–
Centrifugation (15 min at 4,000 rpm)	no separation

Stability Data
Storage Stability in Terms of Appearance

- stable at room temperature
- 5 °C ... 40 °C for at least 3 months
- at 50 °C for at least 1 month

The information contained herein is meant to demonstrate how our products can be used. The given data are suggestions without any guarantee aimed to support customers' development. As production conditions at our customers' facilities are beyond our control we refuse to accept any liability involved in the use of our products. Please observe possible third party patent rights.

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Patents/Literature

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