



Better chemistry – achieving more.

GUIDE FORMULATION

# Sun Cream

contains WeylCare® ATBS & CetylP



# Composition

Phase	Tradename	INCI	Supplier	%
A	Parsol 1789	Butyl Methoxydibenzoyl-methane	DSM	4.0
	Parsol SLX	Polysilicone-15	DSM	3.0
	Parsol 340	Octocrylene	DSM	3.6
	WeylCare® Cetyl P	Potassium Cetyl Phosphate	WeylChem	3.0
	Blanova Vita- min E Acetat	Tocopheryl Acetate	Azelis	0.5
	Cithrol GMM	Glyceryl Myristate	Croda	4.0
	Lanette 16	Cetyl Alcohol	BASF	2.0
	Blanova DM 350	Dimethicone	Azelis	2.0
	Paraffin oil	Paraffinum Liquidum		3.6
	Cetiol B	Dibutyl Adipate	BASF	7.0
	Phenonip ME	Phenoxyethanol, Methylparaben, Ethylparaben	Clariant	0.8
B	WeylCare® ATBS	Ammonium Polyacryloyl-dimethyl Taurate	WeylChem	0.5
	Glycerin 99.5%	Glycerin	Roth	3.0
	Dequest 2046	Pentasodium Ethylene-diamine Tetramethylene Phosphonate	Solutia	0.5
	Water	Aqua		
C	Tropical Melon	Parfum	Frey+Lau	0.1

# Procedure & Remarks

- I. Heat part A and B to 85° C
- II. Add part B to A while homogenizing intensively
- III. Cool down mixture to 35° C while stirring
- IV. Add C and homogenize again
- V. Adjust pH 5 – 5.5 as necessary

The following ingredients from WeylChem Performance Products are used in this formulation:

## WEYLCARE® ATBS

**Thickening with a silky-cool touch:** WeylCare® ATBS is the multifunctional viscosity modifier for oil/water emulsions with an outstanding cool and light non-tacky skin feeling. Additionally it has self-emulsifying properties with high amounts of oils and can be used in oil/water emulsions or soft cream gels in all application areas.

## WEYLCARE® CETYLP

**High-end emulsifying with a velvety feel:** WeylCare® CetylP is a flexible to use anionic PEG-free oil/water emulsifier with a HLB of 9.6. It is suitable to emulsify high amounts of oils and give excellent stability for difficult to emulsify emulsions like sun care formulations. WeylCare® CetylP can be used in almost all application areas.

For information and samples, please contact your local sales contact or us directly at WeylChem Performance Products GmbH.

# Product Description

Off-white glossy sun protection cream with approx. 15% UV filter content.

When applied this cream spreads nicely on the skin and is rapidly absorbed leaving a nice and non-sticky feeling.

Ref.: GF-0102

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