



Credits

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Explanation

- ■ Highly recommendable
- Suitable
- ■ ■ ■ From 100 % renewable feedstocks; physically purified by water/alcohol or energy
- ■ ■ From 100 % renewable feedstocks; chemically processed, catalyst or reaction aids used
- ■ From renewable & synthetic feedstocks; renewable & synthetic building blocks are combined in a chemical process. Share natural C-atoms ≥ 70%
- From renewable & synthetic feedstocks; renewable & synthetic building blocks are combined in a chemical process. Share natural C-atoms < 70%
- From synthetic feedstocks; chemically processed

**BASF Emollients –
Choosing the right Emollient**

BASF Emollients

Trade Name	INCI Name (EU)	Chemistry	Spreading Value (mm ² /10 min)	Spreading Rate	Avg. Molecular Weight (g/mol)	Polarity	Refractive Index (at 20 °C)	Viscosity at 23 °C (mPa s)	Applications				Eco-Status	Additional Properties
									Face / Body Care	Sun Care	Antiperspirant/Deodorant	Color Cosmetics		
CEGESOFT® C 24*	Ethylhexyl Palmitate	Ester	900	medium	365	low	1.447	12	■	■	■	■		
CEGESOFT® PFO	Passiflora Incarnata Seed Oil	Vegetable oil	250	slow	880	medium	1.475	52	■			■		rich and intensive skin feel, high content of linoleic fatty acid, known to reduce trans epidermal water loss of the skin
CEGESOFT® PS 6	Olus Oil	Modified Vegetable oil	230	slow	885	medium	1.470	80	■			■		rich and intensive skin feel, based on canola oil, similar spreading behavior to paraffinum liquidum
CEGESOFT® SBE	Butyrospermum Parkii	Vegetable oil	n.a. melting point (20-40 °C)		undefined	high	1.478 (50 °C)	-	■	■		■		highly concentrated form of shea butter
CEGESOFT® SH	Shorea Stenoptera Seed Butter	Vegetable oil	n.a. melting point (25-35 °C)		875	high	1.454 (50 °C)	-	■	■		■		high oxidative stability due to high content of saturated fatty acids and good crystallisation behavior
CEGESOFT® VP	Olus Oil (and) Hydrogenated Vegetable Oil (and) Candelilla Cera	Mixture	n.a. melting point (30-50°C)		undefined	high	1.461 (50 °C)	-	■	■		■		standard mass for the stick formulations, consistency and melting behavior close to Petrolatum
CETIOL® 868*	Ethylhexyl Stearate	Ester	800	medium	390	medium	1.448	13	■	■	■	■		
CETIOL® 4 ALL	Dipropylheptyl Carbonate	Carbonate	900	medium	374	low	1.444	12	■	■	■	■		the "all-round" emollient conveying a rich and nourishing initial skin feel which evolves into a light after feel
CETIOL® A	Hexyl Laurate	Ester	1100	fast	285	medium	1.439	6	■	■		■		light skin feel, suitable only for W/O emulsions
CETIOL® AB	C12-15 Alkyl Benzoate	Ester	400	slow	305	high	1.485	14	■	■	■	■		very good performance in solubilizing crystalline UV filters
CETIOL® B	Dibutyl Adipate	Ester	1000	fast	260	high	1.435	5	■	■	■	■		very good performance in solubilizing crystalline UV filters
CETIOL® C 5*	Coco-Caprylate	Ester	1300	fast	280	medium	1.437	5	■	■	■	■		A sensory alternative to Cyclomethicone, good performance in wetting powder
CETIOL® C 5C	Coco-Caprylate/Caprates	Ester	1300	fast	280	medium	1.437	5	■	■	■	■		A sensory alternative to Cyclomethicone, good performance in wetting powder
CETIOL® CC*	Dicaprylyl Carbonate	Carbonate	1200	fast	286	medium	1.436	7	■	■	■	■		the multifunctional dry emollient, very good performance in solubilizing UV filters, good perfume and propellant solubility and good pH stability thus suitable for liquid AP/Deo systems
CETIOL® COCO	Ethylhexyl Cocoate (and) Cocos Nucifera Oil	Mixture	1100	fast	mix	medium	1.445	9	■	■		■		
CETIOL® E	PPG-15 Stearyl Ether	Ether	300	slow	1150	high	1.449	78	■		■			resistant to hydrolysis at extreme pHs
CETIOL® J 600	Oleyl Erucate	Ester	350	slow	590	medium	1.467	36	■			■		rich and intensive skin feel
CETIOL® LC	Coco-Caprylate/Caprates	Ester	800	medium	335	medium	1.445	10	■	■	■	■		
CETIOL® MM	Myristyl Myristate	Ester	n.a. melting point (38-42 °C)		440	medium	1.440 (50 °C)	-	■	■	■	■		imparts body to all skin care applications, dry skin feel
CETIOL® OE*	Dicaprylyl Ether	Ether	1600	fast	242	low	1.433	3	■	■	■	■		a flexible wax-dry emollient, resistant to hydrolysis at extreme pHs
CETIOL® PGL	Hexyldecanol (and) Hexyldecyl Laurate	Mixture	750	medium	mix	medium	1.452	26	■	■	■	■		
CETIOL® RLF	Caprylyl Caprylate/Caprates	Ester	1400	fast	264	medium	1.436	4	■	■	■	■		enzymatically produced ester, recommended for sensitive skin
CETIOL® SB 45	Butyrospermum Parkii Butter	Modified shea butter	n.a. melting point (42-46 °C)		undefined	high	1.464 (50 °C)	-	■	■		■		unique shea butter due to its special fraction of the natural shea butter characterized by a higher melting point and a higher content of unsaponifiable matter
CETIOL® SENSOFT*	Propylheptyl Caprylate	Ester	1400	fast	284	medium	1.440	5	■	■	■	■		the "happy" emollient having unique sensory of multi-dimensional softness, good performance in wetting powder
CETIOL® SN*	Cetearyl Isononanoate	Ester	700	medium	400	medium	1.449	18	■	■	■	■		
CETIOL® ULTIMATE	Undecane (and) Tridecane	Hydrocarbon	> 2500	ultra-fast	170	low	1.419	1	■	■		■		the volatile emollient from renewable sources, performance benefits in color cosmetics and sun care, e.g: improvement in color stability and powdery skin feel of liquid foundation, no crystallization of UV filters in clear sun care systems
CETIOL® V*	Decyl Oleate	Ester	700	medium	415	medium	1.456	14	■		■	■		
CUTINA® CP*	Cetyl Palmitate	Ester	n.a. melting point (46-51 °C)		480	medium	-	-	■	■	■	■		standard mass for the stick formulations, dry skin feel
EUTANOL® G*	Octyldodecanol	Guerbet Alcohol	600	medium	300	high	1.454	52	■	■	■	■		resistant to hydrolysis at extreme pHs, an alternative to castor oil in lipstick and other color cosmetic applications
EUTANOL® G 16	Hexyldecanol	Guerbet Alcohol	700	medium	240	medium	1.450	37	■	■	■	■		resistant to hydrolysis at extreme pHs
EUTANOL® G 16 S	Hexyldecyl Stearate	Ester	450	slow	510	medium	1.455	26	■		■	■		
ISOPROPYL MYRISTATE	Isopropyl Myristate	Ester	1200	fast	270	medium	1.435	5	■	■	■	■		
ISOPROPYL PALMITATE	Isopropyl Palmitate	Ester	1000	fast	300	medium	1.439	7	■	■	■	■		
LUVITOL® LITE	Hydrogenated Polyisobutene	Hydrocarbon	1800	fast	255	low	1.442	4	■	■	■	■		
MYRITOL® 312	Caprylic/Capric Triglyceride	Triglyceride	550	medium	500	medium	1.449	26	■	■	■	■		
MYRITOL® 318*	Caprylic/Capric Triglyceride	Triglyceride	550	medium	500	high	1.449	25	■	■	■	■		
MYRITOL® 331	Cocoglycerides	Triglyceride	750	medium	580	high	1.455	40	■	■	■	■		good performance in solubilizing crystalline UV filters
MYRITOL® PGDC	Propylene Glycol Dicaprylate/Dicaprate	Ester	800	medium	360	low	1.441	11	■	■	■	■		

*: RSPO MB (Mass Balance) grade available on demand