







Credits

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Explanation

- ■ Highly recommendable
- Suitable
-  From 100 % natural, renewable feedstocks; physically purified by water/alcohol or energy
-  From 100 % natural, renewable feedstocks; chemically processed, catalyst or reaction aids used
-  From natural, renewable & synthetic feedstocks; renewable & synthetic building blocks are combined in a chemical process. Share natural C-atoms > 70%
-  From natural, 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	Ave. molecular Weight (g/mol)	Polarity	Refractive Index (at 20 °C)	Viscosity at 20 °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	medium	1.447	12	■	■	■	■		
CEGESOFT® GPO	Elaeis Guineensis (Palm) Oil	Vegetable oil	250	slow	850	high	1.466	64 (25°C)	■			■		rich and intensive skin feel, natural colorant due to its carotenoids content
CEGESOFT® PFO	Passiflora Incarnata Seed Oil	Vegetable oil	250	slow	880	medium	1.475	33 (25°C)	■			■		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	85 (25 °C)	■			■		rich and intensive skin feel, based on canola oil similar spreading behavior to paraffinum liquidum
CETIOL® 868	Ethylhexyl Stearate	Ester	800	medium	390	medium	1.448	15	■	■		■		
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	30	■	■	■	■		very good performance of solubilizing crystalline UV filters
CETIOL® B	Dibutyl Adipate	Ester	1000	fast	260	high	1.435	6	■	■	■	■		very good performance of solubilizing crystalline UV filters
CETIOL® C 5	Coco-Caprylate	Ester	1300	fast	280	medium	1.437	5	■	■	■	■		light skin feel, good performance of wetting powder
CETIOL® C 5C	Coco-Caprylate/Caprates	Ester	1300	fast	280	medium	1.437	5	■	■	■	■		light skin feel, good performance of wetting powder
CETIOL® CC	Dicaprylyl Carbonate	Carbonate	1600	fast	286	medium	1.436	7	■	■	■	■		a velvety, dry skin feel, especially good performance in solubilizing crystalline UV filters
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	45	■			■		rich and intensive skin feel
CETIOL® LC	Coco-Caprylate/Caprates	Ester	800	medium	335	medium	1.445	11	■	■	■	■		
CETIOL® OE	Dicaprylyl Ether	Ether	1600	fast	242	low	1.433	4	■	■	■	■		dry skin feel, resistant to hydrolysis at extreme pHs
CETIOL® PGL	Hexyldecanol (and) Hexyldecyl Laurate	Mixture	750	medium	mix	medium	1.452	30	■	■	■	■		
CETIOL® RLF	Caprylyl Caprylate/Caprates	Ester	1400	fast	264	medium	1.436	5	■	■	■	■		enzymatically produced ester, recommended for sensitive skin
CETIOL® S	Diethylhexylcyclohexane	Hydrocarbon	800	medium	305	low	1.459	15	■	■	■	■		resistant to hydrolysis at extreme pHs, suitable for depilatory, self-tanning formulations
CETIOL® SENSOFT	Propylheptyl Caprylate	Ester	1900	fast	284	medium	1.444	5	■	■	■	■		"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	21	■	■	■	■		
CETIOL® ULTIMATE	Undecane (and) Tridecane	Hydrocarbon	> 2500	ultra-fast	170	low	1.419	1	■	■		■		100% natural based, volatile, dry & fresh feel, performance benefits in color cosmetics, e.g: improvement in color stability and powdery sensation of liquid foundation
CETIOL® V	Decyl Oleate	Ester	700	medium	415	high	1.456	17	■		■	■		
EUTANOL® G	Octyldodecanol	Guerbet Alcohol	600	medium	300	high	1.454	61	■	■	■	■		resistant to hydrolysis at extreme pHs, alternative to castor oil in lipstick and other color cosmetic applications
EUTANOL® G 16	Hexyldecanol	Guerbet Alcohol	700	medium	240	medium	1.450	45	■	■	■	■		resistant to hydrolysis at extreme pHs
EUTANOL® G 16 S	Hexyldecyl Stearate	Ester	450	slow	510	medium	1.455	31.5	■		■	■		
ISOPROPYLMYRISTATE	Isopropyl Myristate	Ester	1200	fast	270	medium	1.440	5.5	■	■	■	■		
ISOPROPYLPALMITATE	Isopropyl Palmitate	Ester	1000	fast	300	medium	1.439	7.5	■	■	■	■		
LUVITOL® EHO	Cetearyl Ethylhexanoate	Ester	900	medium	385	medium	1.445	14	■	■	■	■		
LUVITOL® LITE	Hydrogenated Polyisobutene	Hydrocarbon	1800	fast	255	low	1.442	5	■	■	■	■		
MYRITOL® 312	Capric/Caprylic Triglyceride	Triglyceride	550	medium	500	medium	1.449	30	■	■	■	■		
MYRITOL® 318	Capric/Caprylic Triglyceride	Triglyceride	550	medium	500	high	1.449	30	■	■	■	■		
MYRITOL® 331	Cocoglycerides	Triglyceride	750	medium	580	high	1.455	45	■	■	■	■		good performance of solubilising crystalline UV filters
MYRITOL® PGDC	Propylene Glycol Dicaprylate/ Dicaprate	Ester	800	medium	360	low	1.441	10.5	■	■	■	■		
CEGESOFT® SBE	Butyrospermum Parkii	Vegetable oil	n.a. melting point (20-40 °C)		undefined	high	-	-	■	■		■		highly concentrated form of Shea butter
CEGESOFT® SH	Shorea Stenoptera Butter	Vegetable oil	n.a. melting point (25-35 °C)		875	high	-	-	■	■		■		high oxidative stability due to high content of saturated fatty acids and good crystallisation behavior
CETIOL® MM	Myristyl Myristate	Ester	n.a. melting point (38-42 °C)		440	medium	-	-	■	■	■	■		imparts body to all skin care applications, dry skin feel
CETIOL® SB 45	Butyrospermum Parkii Butter	Modified Shea butter	n.a. melting point (42-46 °C)		undefined	high	-	-	■	■		■		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
CEGESOFT® VP	Olus Oil (and) Hydrogenated Vegetable Oil (and) Candelilla Cera	Mixture	n.a. melting point (30-50°C)		undefined	medium	-	-	■	■		■		standard mass for the stick formulations, consistency and melting behavior close to Petrolatum
CUTINA® CP	Cetyl Palmitate	Ester	n.a. melting point (46-51 °C)		480	medium	-	-	■	■	■	■		standard mass for the stick formulations, dry skin feel