



Raw materials for cosmetics

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Foreword

Sasol is a leading producer of raw materials for cosmetics. This brochure gives you a comprehensive overview of our diversified product portfolio which adds value to your products. Our global manufacturing network together with highly skilled marketing, research and development teams are dedicated to helping you achieve your performance and formulation requirements. Benefit from Sasol's 50-plus years of experience in product development.

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Tables



1. Fats and oils/esters

Mono- and diglycerides/mixture

INCI name	Product	Chemical description
Caprylic/Capric Glycerides	IMWITOR 742	Partial glyceride of caprylic and capric acid
Glyceryl Caprylate	IMWITOR 988	Partial glyceride of caprylic acid
	IMWITOR 308	Partial glyceride of caprylic acid, monoglycerides > 80%
Glyceryl Citrate/Lactate/Linoleate/Oleate	IMWITOR 375	Partial glyceride of palmitic, stearic, linoleic, oleic, citric and lactic acid; partially neutralized
Glyceryl Cocoate	IMWITOR 928	Glyceryl mono-, di- and tri-cocoate
Glyceryl Ricinoleate	SOFTIGEN 701	Partial glyceride of ricinoleic acid
Glyceryl Stearate Citrate	IMWITOR 372 P	Partial glyceride of palmitic, stearic and citric acid; partially neutralized
Glyceryl Stearate SE	IMWITOR 960 K	Glycerylmonostearate, selfemulsifying
Glyceryl Stearate	IMWITOR 491	Glycerylmonostearate, > 90%
	IMWITOR 900 K	Glycerylmonostearate, 40–55% (corresponds to type II, Ph.Eur)
	IMWITOR 900 (F) P	Glycerylmonostearate, 40–55% (corresponds to type I, Ph.Eur)
PEG-6 Caprylic/Capric Glycerides	SOFTIGEN 767	Partial glyceride of caprylic and capric acid, ethoxylated
PEG-7 Glyceryl Cocoate	COSMACOL HE	PEG-7 glyceryl cocoate



Form supplied	Properties/typical application areas	Production site
paste	Dispersing agent and solubilizer for actives; penetration enhancer	Witten (Germany)
liquid to paste	Dispersing agent and solubilizer for actives; penetration enhancer	Witten (Germany)
paste	Co-emulsifier, refatting agent in bath formulations, dispersing agent and solubilizer for actives	Witten (Germany)
liquid	O/W-emulsifier for high polar oils and fats; e.g. for oil baths and cream baths. Food grade emulsifier E 472b	Witten (Germany)
solid	Co-emulsifier, penetration enhancer	Witten (Germany)
paste	Skin protecting agent in creams and lotions with good adhesion on skin	Witten (Germany)
flakes	O/W-emulsifier for high polar oils, fats and liquid wax esters (e.g. jojoba oil). Food grade emulsifier E 472 c	Witten (Germany)
flakes	Selfemulsifying glycerylmonostearate; gives O/W emulsions a fine structure	Witten (Germany)
powder	Co-emulsifier and stabilizer for emulsions	Witten (Germany)
powder	Co-emulsifier and consistency regulator	Witten (Germany)
powder		Witten (Germany)
liquid	Refatting and wetting agent, solubilizer, e.g. for bath formulations; watersoluble	Witten (Germany)
liquid	Solubilizer for shampoos, shower gels and bath foam formulations; co-emulsifier for O/W-emulsions, creams and lotions	Terranova (Italy)

1. Fats and oils/esters

Triglycerides

INCI name	Product	Chemical description
Caprylic/Capric Triglyceride	MIGLYOL 8108	Triglyceride of caprylic and capric acid
	MIGLYOL 810	Triglyceride of caprylic and capric acid
	MIGLYOL 812 N	Triglyceride of caprylic and capric acid
Caprylic/Capric/Linoleic Triglycerides	MIGLYOL 818	Triglyceride of caprylic, capric and linoleic acid
Caprylic/Capric/Succinic Triglycerides	MIGLYOL 829	Triglyceride of caprylic, capric and succinic acid
Caprylic/Capric Triglycerides (and) Stearalkonium Bentonite (and) Propylene Carbonate	MIGLYOL Gel T	Oleogel based on caprylic and capric triglycerides, organically modified bentonite clay
Caprylic/Capric Triglycerides (and) Stearalkonium Hectorite Propylene Carbonate	MIGLYOL Gel B	Oleogel based on caprylic and capric triglycerides, organically modified hectorite clay
Propylene Glycol Dicaprylate/Dicaprate (and) Stearalkonium Hectorite (and) Propylene Carbonate	MIGLYOL 840 Gel B	Oleogel based on caprylic and capric propylene
Hydrogenated Coco-Glycerides	SOFTISAN 100	Triglyceride of C ₁₀ –C ₁₈ -fatty acids
	SOFTISAN 138	Triglyceride of C ₁₀ –C ₁₈ -fatty acids; contains parts of diglycerides
	SOFTISAN 142	Triglyceride of C ₁₀ –C ₁₈ -fatty acids
Hydrogenated Palm Oil	SOFTISAN 154	Triglyceride of C ₁₄ –C ₁₈ -fatty acids
Caprylic/Capric/Myristic/Stearic Triglyceride	SOFTISAN 378	Triglyceride of C ₈ –C ₁₈ -fatty acid
Trimyristin	DYNASAN 114	Triglyceride of myristic acid
Tristearin	DYNASAN 118	Triglyceride of stearic acid



Form supplied	Properties/typical application areas	Production site
liquid	Emollient with good spreadability on the skin, leaves no visible fatty gloss on the skin, good solvent for actives e.g. UV filters	Witten (Germany)
liquid	Emollient with good spreadability on the skin, leaves no visible fatty gloss on the skin, stable against oxidation; for creams, lotions and oil preparations	Witten (Germany)
liquid	Emollient with good spreadability on the skin, leaves no visible fatty gloss on the skin; for oil and bath preparations	Witten (Germany)
liquid	High viscous emollient for creams, lotions and oil formulations	Witten (Germany)
gel	Greenish oleogel for waterfree formulations, e.g. for make-ups, lip-glosses; consistency regulator and stabilizer for heat-stable emulsions, e.g. for sunscreens	Witten (Germany)
gel	Brownish oleogel for waterfree formulations, e.g. for make-ups and lip-glosses; consistency regulator and stabilizer for heat-stable emulsions, e.g. for sunscreens	Witten (Germany)
gel		Witten (Germany)
pastilles	Viscosity and drop point regulator; melting point: approx. 35°C; fat component for creams and sticks; improve the spreading coefficient of make-ups and lip-glosses	Witten (Germany)
pastilles	Viscosity and drop point regulator; melting point: approx. 38°C; fat component for creams and sticks; improve the spreading coefficient of make-ups and lip-glosses	Witten (Germany)
pastilles	Viscosity and drop point regulator; melting point: approx. 42°C; fat component for creams and sticks; improve the spreading coefficient of make-ups and lip-glosses	Witten (Germany)
flakes	Viscosity and drop point regulator; melting point: approx. 55°C; fat component for creams and sticks; improve the spreading coefficient of make-ups and lip-glosses	Witten (Germany)
paste to solid	Melts at skin temperature; resorption enhancing emollient for creams and ointments, Drop point: approx. 39°C	Witten (Germany)
powder or flakes	Consistency regulator, powder base, skin texture improver	Witten (Germany)
powder or flakes	Crystallization enhancer in sticks, consistency regulator, powder base, skin texture improver	Witten (Germany)

1. Fats and oils/esters

Special esters

INCI name	Product	Chemical description
C12-15 Alkyl Benzoate	COSMACOL EBI	Monobranched alkyl benzoate
C12-13 Alkyl Ethylhexanoate	COSMACOL EOI	Monobranched alkyl ethylhexanoate
C12-13 Alkyl Lactate	COSMACOL ELI	Monobranched alkyl lactate
Di-C12-13 Alkyl Malate	COSMACOL EMI	Monobranched di-alkyl malate
Di-C12-13 Alkyl Tartrate	COSMACOL ETI	Monobranched di-alkyl tartrate
Dimyristyl Tartrate	COSMACOL ETLP	Di-myristyl tartrate
Tri-C12-13 Alkyl Citrate	COSMACOL ECI	Monobranched tri-alkyl citrate
Tri-C14-15 Alkyl Citrate	COSMACOL ECL	Linear tri-alkyl citrate
Tridecyl Salicylate	COSMACOL ESI	Monobranched tridecyl salicylate

Castor oil derivatives

INCI name	Product	Chemical description
PEG-18 Castor Oil Dioleate	MARLOWET CG	Ester of ethoxylated castor oil



Form supplied	Properties/typical application areas	Production site
liquid	Excellent emollient with very light touch, solvent for sunscreen filters; application in transparent lipogels, lipsticks, eye pencils, oil free lotions and creams, body massage oils, hair lacquers, hair conditioners, cleansing lotions and shaving products	Terranova (Italy)
liquid	Light emollient for skin care O/W- and W/O-lotions and creams	Terranova (Italy)
liquid	Personal care: enzymatic deodorant, thickening agent and cocamide DEA replacer; mild agent. Skin care: moisturizing emollient, mild keratolytic, pigment dispersing and wetting agent	Terranova (Italy)
liquid	Outstanding skin feel improver; active emollient for skin care; moisturizing agent and sebum regulator; basic emollient for antiaging, body care and personal care products; powerful hair conditioner for leave-on and rinse-off products	Terranova (Italy)
liquid	Excellent sunscreen filters solubilizer; pigment disperser for make-ups; conditioning agent to improve hair glossing properties	Terranova (Italy)
flakes	Viscosity stabilizer and waterproof improver for sunscreen O/W-creams and lotions; interface stabilizer in O/W-creams and lotions; mild and not irritant, tartaric acid carrier, spreading agent suitable also for make-ups and eye pencils	Terranova (Italy)
liquid	Citric acid derivative for deodorant formulations, dermal care O/W-creams and lotions; spreading agent for lipsticks and make-ups; excellent sunscreen carrier	Terranova (Italy)
flakes	Active emollient for greasy skin, with mild keratolytic properties; low melting point wax; good viscosity regulator for creams and lotions; spreading agent and stability improver for lipsticks and pencils	Terranova (Italy)
liquid	Synergistic antidandruff agent; good conditioner to improve hair color antiacne adjuvant stability; plasticizer for hair sprays; mild keratolytic agent; for skin care creams and lotions; titaniumdioxide-dispersant and SPF-booster in sunscreen formulations	Terranova (Italy)

Form supplied	Properties/typical application areas	Production site
liquid	Emulsifier for oils	Marl (Germany)

1. Fats and oils/esters

Others

INCI name	Product	Chemical description
Bis-Diglyceryl Polyacyladipate-1	SOFTISAN 645	Mixed ester of diglycerol with caprylic, capric, isostearic, stearic and adipic acid
Bis-Diglyceryl Polyacyladipate-2	SOFTISAN 649	Mixed ester of diglycerol with caprylic, capric, isostearic, stearic, hydroxystearic and adipic acid
Butylene Glycol Dicaprylate/Dicaprate	MIGLYOL 8810	Diester of butylene glycol with caprylic and capric acid
Cetearyl Ethylhexanoate	DYNACERIN 1618	Ester of cetearyl alcohol and ethylhexanoic acid
Cetearyl Ethylhexanoate (and) Isopropylmyristate	DYNACERIN CAP	Ester of cetearyl alcohol and ethylhexanoic acid, mixed with isopropylmyristate
Isostearyl Diglyceryl Succinate	IMWITOR 780 K	Mixed ester of diglycerol with isostearic and succinic acid
Oleyl Erucate	DYNACERIN 660	Ester of oleyl alcohol and erucic acid
Polyglyceryl-3-Polyricinoleate	IMWITOR 600	Ester of polyglyceryl with polyricinoleic acid
Propylene Glycol Dicaprylate/Dicaprate	MIGLYOL 840	Diester of propylene glycol with caprylic and capric acid
Propylene Glycol Dicaprylate/Dicaprate (and) Bis-Diglyceryl Polyacyladipate-1 (and) Stearalkonium Hectorite (and) Propylene Carbonate	SOFTISAN Gel	Oleogel based on caprylic and capric diester of propylene glycol, organically modified hectorite
PPG-15 Stearyl Ether	SOFTIGEN P 1815	Stearyl alcohol polypropylene glycol ether

Form supplied	Properties/typical application areas	Production site
liquid	Oil component with high water binding capacity (>170%); good adhesion for W/O-creams, lotions and make-ups	Witten (Germany)
paste	Oil component with high water binding capacity (>170%); similar to lanolin, good adhesion; for W/O creams, lotions and make-ups	Witten (Germany)
liquid	Emollient with good spreadability on the skin, leaves no visible fatty gloss on the skin, very low viscous, stable against oxidation; for creams, lotions and oil preparations, solubilizer für UV-filters	Witten (Germany)
liquid	Medium viscous wax ester with low occlusivity and good spreadability, it is similar to natural purcelin oil, stable against oxidation	Witten (Germany)
liquid	Medium viscous wax ester with low occlusivity and very good spreadability, it is similar to natural purcelin oil, stable against oxidation	Witten (Germany)
liquid	W/O-emulsifier for high polar oils; water uptake up to 70%	Witten (Germany)
liquid	Similar to jojoba oil; emollient in creams and lotions; imparts shining effects to the finish product	Witten (Germany)
liquid	Powerful W/O-emulsifier for polar oils; suitable for emulsions with low viscosity	Witten (Germany)
liquid	Emollient with good spreadability on the skin, leaves no visible fatty gloss on the skin, very low viscous, stable against oxidation; for creams, lotions and oil preparations, solubilizer für UV-filters	Witten (Germany)
soft gel	Brownish oleogel for waterfree formulations, e.g. for make-ups, lip-glosses; consistency regulator, waterbinding in W/O- emulsions	Witten (Germany)
liquid	Polar emollient with pigment wetting properties	Marl (Germany)

2. Fatty alcohols

Single fractions

INCI name	Product	Chemical description
Arachidyl Alcohol	NACOL 20-95	1-eicosanol
Behenyl Alcohol	NACOL 22-98	1-docosanol
Caprylic Alcohol	ALFOL 8	1-octanol
	NACOL 8-99	1-octanol
Cetyl Alcohol	ALFOL 16	1-hexadecanol
	NACOL 16-95	1-hexadecanol
	NACOL 16-98	1-hexadecanol
	NACOL 16-99	1-hexadecanol
Decyl Alcohol	ALFOL 10	1-decanol
	NACOL 10-99	1-decanol
Hexyl Alcohol	ALFOL 6	1-hexanol
	NACOL 6-99	1-hexanol
Lauryl Alcohol	ALFOL 12	1-dodecanol
	NACOL 12-99	1-dodecanol
Myristyl Alcohol	ALFOL 14	1-tetradecanol
	NACOL 14-99	1-tetradecanol
Stearyl Alcohol	ALFOL 18	1-octadecanol
	NACOL 18-94	1-octadecanol
	NACOL 18-98	1-octadecanol
	NACOL 18-99	1-octadecanol
Undecyl Alcohol	ALCHEM 11-96	1-undecanol
	ALCHEM 11-99	1-undecanol

Form supplied	Properties/typical application areas	Production site
pastilles	Viscosity increasing agents, emulsion stabilizer	Brunsbüttel (Germany)
pastilles	Viscosity increasing agents , emulsion stabilizer, binder; used in hair conditioners, hair conditioners, skin care preparations, make-up preparations, colour cosmetics, cleansing products	Brunsbüttel (Germany)
liquid	Fragrance ingredient	Lake Charles (USA)
liquid		Brunsbüttel (Germany)
pastilles	Emulsion stabilizer, viscosity increasing agent, foam booster, fragrance ingredient;	Lake Charles (USA)
pastilles	used in hair dyes and colours, moisturizing preparations, shaving preparations,	Brunsbüttel (Germany)
pastilles	cleansing products	Brunsbüttel (Germany)
pastilles		Brunsbüttel (Germany)
liquid	Fragrance ingredient, viscosity increasing agent, foam booster	Lake Charles (USA)
liquid		Brunsbüttel (Germany)
liquid	Antifoaming agent, fragrance ingredient, solvent, viscosity decreasing agent	Lake Charles (USA)
liquid		Brunsbüttel (Germany)
liquid	Emulsion stabilizer, foam booster, viscosity increasing agent, fragrance	Lake Charles (USA)
liquid	ingredient; used in shampoos, conditioners, hair dyes	Brunsbüttel (Germany)
solid	Emulsion stabilizer, viscosity increasing agent, foam booster, fragrance ingredient;	Lake Charles (USA)
pastilles	used in hair dyes and colours, moisturizing preparations, shaving preparations,	Brunsbüttel (Germany)
pastilles	cleansing products	Lake Charles (USA)
pastilles		Brunsbüttel (Germany)
pastilles		Brunsbüttel (Germany)
pastilles		Brunsbüttel (Germany)
liquid	Thickening agent for personal care cleansing formulations, fragrance component,	Augusta (Italy)
liquid	glossing agent	Augusta (Italy)

2. Fatty alcohols

Blends

INCI name	Product	Chemical description
Arachidyl Alcohol	ALFOL 20+	Mixture of 1-octadecanol, 1-eicosanol, 1-docosanol and 1-tetracosanol
Behenyl Alcohol	NAFOL 1822	Mixture of 1-octadecanol, 1-eicosanol and 1-docosanol (45:45:10)
	NAFOL 1822 B	Mixture of 1-octadecanol, 1-eicosanol and 1-docosanol (15:15:70)
	NAFOL 1822 C	Mixture of 1-octadecanol, 1-eicosanol and 1-docosanol (5:15:80)
	NAFOL 1822 K	Mixture of 1-octadecanol, 1-eicosanol and 1-docosanol (3:12:85)
C12-13 Alcohols	ALCHEM 123	Mixture of linear primary C ₁₂ –C ₁₃ -alcohols
	ISALCHEM 123	Mixture of monobranched primary C ₁₂ –C ₁₃ -alcohols
	LIAL 123	Mixture of linear and monobranched primary C ₁₂ –C ₁₃ -alcohols
C12-15 Alcohols	ALCHEM 125	Mixture of linear primary C ₁₂ –C ₁₅ -alcohols
	ISALCHEM 125	Mixture of monobranched primary C ₁₂ –C ₁₅ -alcohols
	LIAL 125	Mixture of linear and monobranched primary C ₁₂ –C ₁₅ -alcohols
	LIALCHEM 25-75	Mixture of linear and monobranched primary C ₁₂ –C ₁₅ -alcohols
C14-15 Alcohols	ALCHEM 145	Mixture of linear primary C ₁₄ –C ₁₅ -alcohols
	ISALCHEM 145	Mixture of monobranched primary C ₁₄ –C ₁₅ -alcohols
	LIAL 145	Mixture of linear and monobranched primary C ₁₄ –C ₁₅ -alcohols
C20-22 Alcohols	NAFOL 2022	Mixture of 1-eicosanol, 1-docosanol, 1-tetracosanol (60:40)
	NAFOL 2022 E	Mixture of 1-eicosanol, 1-docosanol, 1-tetracosanol (20:80)
Cetearyl Alcohol	ALFOL 1618 Alcohol	Mixture of 1-hexadecanol and 1-octadecanol (60:40)
	ALFOL 1618 E Alcohol	Mixture of 1-hexadecanol and 1-octadecanol (50:50)
	ALFOL 1618 CG	Mixture of 1-hexadecanol and 1-octadecanol (30:70)
	ALFOL 1618 GC	Mixture of 1-hexadecanol and 1-octadecanol (70:30)
	NAFOL 1618	Mixture of 1-hexadecanol and 1-octadecanol (70:30)
	NAFOL 1618 H	Mixture of 1-hexadecanol and 1-octadecanol (50:50)
	NAFOL 1618 L	Mixture of 1-hexadecanol and 1-octadecanol (80:20)
	NAFOL 1618 S	Mixture of 1-hexadecanol and 1-octadecanol (30:70)
Lauryl Alcohol	ALFOL 1216 CO	Mixture of 1-dodecanol, 1-tetradecanol and 1-hexadecanol (68:25:7)



Form supplied	Properties/typical application areas	Production site
solid	Viscosity increasing agent, emulsion stabilizer	Lake Charles (USA)
pastilles	Viscosity increasing agent, emulsion stabilizer, binder; used in hair conditioners, skin care preparations, make-up preparations, colour cosmetics, cleansing products	Brunsbüttel (Germany)
pastilles		Brunsbüttel (Germany)
pastilles		Brunsbüttel (Germany)
pastilles		Brunsbüttel (Germany)
solid	Intermediates for the production of emollients and surfactants	Augusta (Italy)
liquid		Augusta (Italy)
liquid		Augusta (Italy)
solid		Augusta (Italy)
liquid		Augusta (Italy)
liquid		Augusta (Italy)
liquid		Augusta (Italy)
solid		Augusta (Italy)
liquid	Light emollient for skin care creams and lotions; dispersing agent for make-ups	Augusta (Italy)
liquid	Intermediate for the production of emollients and surfactants	Augusta (Italy)
pastilles	Viscosity increasing agent, emulsion stabilizer, binder; used in hair conditioners, hair conditioners, skin care preparations, make-up preparations, colour cosmetics, cleansing products	Brunsbüttel (Germany)
		Brunsbüttel (Germany)
solid	Viscosity increasing agent, emulsion stabilizer	Lake Charles (USA)
solid		Lake Charles (USA)
pastilles	Emulsion stabilizer, viscosity increasing agent, co-emulsifier, opacifying agent, foam booster	Lake Charles (USA)
pastilles		Lake Charles (USA)
pastilles		Brunsbüttel (Germany)
pastilles		Brunsbüttel (Germany)
pastilles		Brunsbüttel (Germany)
pastilles		Brunsbüttel (Germany)
liquid		Lake Charles (USA)

2. Fatty alcohols

Monobranched Guerbet alcohols

INCI name	Product	Chemical description
Butyloctanol	ISO FOL 12	2-butyl-1-octanol
Decyltetradecanol	ISO FOL 24	2-decyl-1-tetradecanol
Dodecylhexadecanol	ISO FOL 28	2-dodecyl-1-hexadecanol
Hexyldecanol	ISO FOL 16	2-hexyl-1-decanol
Octyldecanol	ISO FOL 18 T	2-octyl-1-decanol
Octyldodecanol	ISO FOL 20	2-octyl-1-dodecanol
Tetradecyloctadecanol	ISO FOL 32	2-tetradecyl-1-octadecanol

3. Isocarboxylic acids

INCI name	Product	Chemical description
Butyloctanoic Acid	ISOCARB 12	Fatty acid based on ISO FOL 12
Decyltetradecanoic Acid	ISOCARB 24	Fatty acid based on ISO FOL 24
Hexyldecanoic Acid	ISOCARB 16	Fatty acid based on ISO FOL 16
Octyldodecanoic Acid	ISOCARB 20	Fatty acid based on ISO FOL 20
Tetradecyloctadecanoic Acid	ISOCARB 32	Fatty acid based on ISO FOL 32



Form supplied	Properties/typical application areas	Production site
liquid	Light emollient, solvent, basic material for the production of emollient esters	Brunsbüttel (Germany)
liquid	Polar emollient, used in hair conditioner, hair colour, binder for make-ups; basic material for the production of emollient esters	Brunsbüttel (Germany)
solid	Emollient, consistency regulator, basic material for the production of emollient esters	Brunsbüttel (Germany)
liquid	Medium spreading emollient, basic material for the production of emollient esters	Brunsbüttel (Germany)
liquid	Emollient, basic material for the production of emollient esters	Brunsbüttel (Germany)
liquid	Medium spreading emollient, hydrolysis-stable, suitable for a wide pH range, basic material for the production of emollient esters	Brunsbüttel (Germany)
solid	Consistency regulator, rich emollient, basic material for the production of emollient esters	Brunsbüttel (Germany)

Form supplied	Properties/typical application areas	Production site
liquid	Emulsifier; basic material for the production of surfactants and emollient esters	Brunsbüttel (Germany)
solid	Odourless viscosity increasing agent for creams, lotions and ointments; basic material for the production of surfactants and emollient esters	Brunsbüttel (Germany)
liquid	Emollient, basic material for the production of surfactants and emollient esters	Brunsbüttel (Germany)
solid		Brunsbüttel (Germany)
solid	Viscosity increasing agent for hair cosmetics and lipsticks	Brunsbüttel (Germany)

4. Polyethylene glycols

INCI name	Product	Chemical description	Form supplied
PEG-4	LIPOXOL 200	Polyethylene glycol 200	liquid
	POLIDAC 200	Polyethylene glycol 200	liquid
PEG-6	LIPOXOL 300	Polyethylene glycol 300	liquid
	LIPOXOL 300 MED	Polyethylene glycol 300	liquid
	PEG-300	Polyethylene glycol 300	liquid
	POLIDAC 300	Polyethylene glycol 300	liquid
PEG-8	LIPOXOL 400	Polyethylene glycol 400	liquid
	LIPOXOL 400 MED	Polyethylene glycol 400	liquid
	PEG-400	Polyethylene glycol 400	liquid
	POLIDAC 400	Polyethylene glycol 400	liquid
PEG-12	LIPOXOL 600	Polyethylene glycol 600	liquid to paste
	LIPOXOL 600 MED	Polyethylene glycol 600	liquid
	PEG-600	Polyethylene glycol 600	solid
	POLIDAC 600	Polyethylene glycol 600	paste
PEG-20	LIPOXOL 1000	Polyethylene glycol 1000	wax to solid
	LIPOXOL 1000 MED	Polyethylene glycol 1000	solid
	POLIDAC 1000	Polyethylene glycol 1000	solid
PEG-32	LIPOXOL 1500	Polyethylene glycol 1500	flakes or solid
	LIPOXOL 1500 MED	Polyethylene glycol 1500	solid
PEG-60	LIPOXOL 3000	Polyethylene glycol 3000	flakes
	LIPOXOL 3000 MED	Polyethylene glycol 3000	powder or flakes
PEG-75	LIPOXOL 3350	Polyethylene glycol 3350	flakes
	LIPOXOL 3350 MED	Polyethylene glycol 3350	powder or flakes
PEG-90	LIPOXOL 4000	Polyethylene glycol 4000	flakes or powder
	LIPOXOL 4000 MED	Polyethylene glycol 4000	powder or flakes
	POLIDAC 4000	Polyethylene glycol 4000	flakes
PEG-135	LIPOXOL 6000	Polyethylene glycol 6000	flakes or powder
	LIPOXOL 6000 MED	Polyethylene glycol 6000	powder or flakes
	POLIDAC 6000	Polyethylene glycol 6000	flakes
PEG-180	LIPOXOL 8000	Polyethylene glycol 8000	flakes
	LIPOXOL 8000 MED	Polyethylene glycol 8000	flakes

Solidification range [°C]	Properties	Production site
-55 to -40	Moisturizing, solubilizing and viscosity adjusting agents for cosmetics, personal care products and toothpastes. The LIPOXOL MED-grades comply with the demands of of the pharmacopoeia Ph. Eur. and USP/NF.	Marl (Germany)
< -10		Terranova (Italy)
-20 to -10		Marl (Germany)
-20 to -10		Marl (Germany)
about - 8		Nanjing (China)
≤ -5		Terranova (Italy)
4 to 8		Marl (Germany)
4 to 8		Marl (Germany)
about 6		Nanjing (China)
6		Terranova (Italy)
15 to 25		Marl (Germany)
15 to 25		Marl (Germany)
about 20		Nanjing (China)
20		Terranova (Italy)
36 to 40		Marl (Germany)
35 to 40		Marl (Germany)
32 to 38		Terranova (Italy)
42 to 48		Marl (Germany)
42 to 48		Marl (Germany)
50 to 56		Marl (Germany)
50 to 56		Marl (Germany)
53 to 57		Marl (Germany)
53 to 57		Marl (Germany)
53 to 58		Marl (Germany)
53 to 58		Marl (Germany)
59 to 61		Terranova (Italy)
55 to 61		Marl (Germany)
55 to 61		Marl (Germany)
61 to 63		Terranova (Italy)
55 to 62		Marl (Germany)
55 to 62		Marl (Germany)

5. Surfactants, nonionic

Alcohol ethoxylates

INCI name	Product	Chemical description
Beheneth-4	NOVEL 22-4	C ₂₂ -alcohol polyethylene glycol ether (4 EO)
Beheneth-25	NOVEL 22-25	C ₂₂ -alcohol polyethylene glycol ether (25 EO)
C12-13 Pareth-3	COSMACOL AE 3	C ₁₂ -C ₁₃ -alcohol polyethylene glycol ether (3 EO)
C12-13 Pareth-5	COSMACOL AE 5	C ₁₂ -C ₁₃ -alcohol polyethylene glycol ether (5 EO)
C12-13 Pareth-7	COSMACOL AE 7	C ₁₂ -C ₁₃ -alcohol polyethylene glycol ether (7 EO)
C12-13 Pareth-9	COSMACOL N II-9	C ₁₂ -C ₁₃ -alcohol polyethylene glycol ether (9 EO)
C12-13 Pareth-10	COSMACOL AE 10	C ₁₂ -C ₁₃ -alcohol polyethylene glycol ether (10 EO)
Ceteareth-11	MARLIPAL 1618/11	C ₁₆ -C ₁₈ -alcohol polyethylene glycol ether (11 EO)
Ceteareth-15	EMULDAC AS 18	C ₁₆ -C ₁₈ -alcohol polyethylene glycol ether (15 EO)
Ceteareth-20	GALENOL 2100	C ₁₆ -C ₁₈ -alcohol polyethylene glycol ether (20 EO)
Ceteareth-25	EMULDAC AS 25	C ₁₆ -C ₁₈ -alcohol polyethylene glycol ether (25 EO)
Ceteareth-30	GALENOL 2800	C ₁₆ -C ₁₈ -alcohol polyethylene glycol ether (30 EO)
Ceteareth-80	NOVEL 1618-80	C ₁₆ -C ₁₈ -alcohol polyethylene glycol ether (80 EO)
Ceteth-3	NOVEL 16-3	C ₁₆ -alcohol polyethylene glycol ether (3 EO)
Ceteth-20	NOVEL 16-20	C ₁₆ -alcohol polyethylene glycol ether (20 EO)
Cetoleth-25	MARLIPAL SU	Oleylalcohol polyethylene glycol ether (25 EO)
Deceth-5	NOVEL 810-4.5	C ₈ -C ₁₀ -alcohol polyethylene glycol ether (5 EO)
Deceth-6	NOVEL 1012-6	C ₁₀ -C ₁₂ -alcohol polyethylene glycol ether (6 EO)
Laureth-2	AEO 2-24 Z	C ₁₂ -C ₁₄ -alcohol polyethylene glycol ether (2 EO)
	MARLIPAL 24/20	C ₁₂ -C ₁₄ -alcohol polyethylene glycol ether (2 EO)
	NOVEL 1216 CO-2	C ₁₂ -C ₁₆ -alcohol polyethylene glycol ether (2 EO)
	NOVEL 1412-2	C ₁₂ -C ₁₄ -alcohol polyethylene glycol ether (2 EO)
	NOVEL 23 E 2	C ₁₂ -C ₁₃ -alcohol polyethylene glycol ether (2 EO)
	NOVEL 1214 GC-2	C ₁₂ -C ₁₄ -alcohol polyethylene glycol ether (2 EO)
Laureth-3	SAFOL 23 E 3	C ₁₂ -C ₁₃ -alcohol polyethylene glycol ether (3 EO)
	AEO 3-24 Z	C ₁₂ -C ₁₄ -alcohol polyethylene glycol ether (3 EO)
	NOVEL 1412-3	C ₁₂ -C ₁₄ -alcohol polyethylene glycol ether (3 EO)
	LORODAC 3-24	C ₁₂ -C ₁₄ -alcohol polyethylene glycol ether (3 EO)
	MARLIPAL 24/30	C ₁₂ -C ₁₄ -alcohol polyethylene glycol ether (3 EO)
	NOVEL 23 E 3	C ₁₂ -C ₁₃ -alcohol polyethylene glycol ether (3 EO)



Form supplied	Active content [% by wt.]	Properties/typical application areas	Production site
solid	100	Emulsifier; applicable for all kinds of liquid personal cleansing products	Lake Charles (USA)
solid	100	Water soluble emulsifier; applicable for all kinds of liquid personal cleansing products	Lake Charles (USA)
liquid	100	Solubilizer for essential oils, oilsoluble emulsifier; applicable	Terranova (Italy)
paste	100	for all kinds of liquid personal cleansing products	Terranova (Italy)
paste	100	Wetting agent and emulsifier for baby wet wipes and sanitizing tissue; suitable for all types of personal care cleansing products	Terranova (Italy)
liquid	100	Solubiliser for fragrances and essential oils, emulsifier	Terranova (Italy)
paste	100	Watersoluble emulsifier; applicable for all kinds of liquid personal cleansing products	Terranova (Italy)
solid	100	Emulsifier, improves consistency	Marl (Germany)
solid	100		Terranova (Italy)
flakes or pastilles	100		Lake Charles (USA)
solid or flakes	100		Terranova (Italy)
flakes or pastilles	100		Lake Charles (USA)
solid	100	Water soluble emulsifier; applicable for all kinds of liquid personal cleansing products	Lake Charles (USA)
liquid	100	Emulsifier	Lake Charles (USA)
solid	100	Emulsifier, improves consistency	Lake Charles (USA)
solid	100	Plasticizer in bar soaps; yields a fine pored foam	Marl (Germany)
liquid	100	Emulsifier	Lake Charles (USA)
liquid	100		Lake Charles (USA)
liquid	100	Solubilizer for essential oils, oilsoluble emulsifier, good	Nanjing (China)
liquid	100	thickener for alkylsulfate based formulations; applicable for	Marl (Germany)
liquid	100	all kinds of liquid personal cleansing products	Lake Charles (USA)
liquid	100		Lake Charles (USA)
liquid	100		Lake Charles (USA)
Liquid	100		Lake Charles (USA)
liquid	100	Emulsifier; applicable for all kinds of liquid personal cleansing products	Lake Charles (USA)
liquid	100	Solubilizer for essential oils, oilsoluble emulsifier; applicable for all kinds of liquid personal cleansing products including	Nanjing (China), Terranova (Italy), Lake Charles (USA)
liquid	100		Nanjing (China)
liquid	100		Lake Charles (USA)
liquid	100		Terranova (Italy)
liquid	100		Marl(Germany)
liquid	100	Emulsifier; applicable for all kinds of liquid personal cleansing products	Lake Charles (USA)

5. Surfactants, nonionic

Alcohol ethoxylates

INCI name	Product	Chemical description
Laureth-4	AEO 4-24 Z	C ₁₂ -C ₁₄ -alcohol polyethylene glycol ether (4 EO)
	SAFOL 23 E 4	C ₁₂ -C ₁₃ -alcohol polyethylene glycol ether (4 EO)
	SOFTIGEN 2404	C ₁₂ -C ₁₄ -alcohol polyethylene glycol ether (4 EO)
Laureth-5	SAFOL 23 E 5	C ₁₂ -C ₁₃ -alcohol polyethylene glycol ether (5 EO)
Laureth-6	LORODAC 6-24	C ₁₂ -C ₁₄ -alcohol polyethylene glycol ether (6 EO)
	MARLIPAL 24/60	C ₁₂ -C ₁₄ -alcohol polyethylene glycol ether (6 EO)
	NOVEL 23 E 6.5	C ₁₂ -C ₁₃ -alcohol polyethylene glycol ether (6.5 EO)
	SAFOL 23 E 6	C ₁₂ -C ₁₃ -alcohol polyethylene glycol ether (6 EO)
Laureth-7	AEO 7-24 Z	C ₁₂ -C ₁₄ -alcohol polyethylene glycol ether (7 EO)
	AEO 7-42 H	C ₁₂ -C ₁₄ -alcohol polyethylene glycol ether (7 EO)
	LORODAC 7-24	C ₁₂ -C ₁₄ -alcohol polyethylene glycol ether (7 EO)
	MARLIPAL 24/70	C ₁₂ -C ₁₄ -alcohol polyethylene glycol ether (7 EO)
	MARLIPAL 24/79	C ₁₂ -C ₁₄ -alcohol polyethylene glycol ether (7 EO)
	NOVEL 23 E 7	C ₁₂ -C ₁₃ -alcohol polyethylene glycol ether (7 EO)
	NOVEL 1216 CO-7	C ₁₂ -C ₁₆ -alcohol polyethylene glycol ether (7 EO)
	NOVEL 1412-7	C ₁₂ -C ₁₄ -alcohol polyethylene glycol ether (7 EO)
Laureth-9	SAFOL 23 E 7	C ₁₂ -C ₁₃ -alcohol polyethylene glycol ether (7 EO)
	AEO 9-24 Z	C ₁₂ -C ₁₄ -alcohol polyethylene glycol ether (9 EO)
	LORODAC 9-24	C ₁₂ -C ₁₄ -alcohol polyethylene glycol ether (9 EO)
	MARLIPAL 24/90	C ₁₂ -C ₁₄ -alcohol polyethylene glycol ether (9 EO)
	MARLIPAL 24/99	C ₁₂ -C ₁₄ -alcohol polyethylene glycol ether (9 EO)
	NOVEL 23 E 9	C ₁₂ -C ₁₃ -alcohol polyethylene glycol ether (9 EO)
	NOVEL 1412-9	C ₁₂ -C ₁₄ -alcohol polyethylene glycol ether (9 EO)
Laureth-10	SAFOL 23 E 9	C ₁₂ -C ₁₃ -alcohol polyethylene glycol ether (9 EO)
	MARLIPAL 24/100	C ₁₂ -C ₁₄ -alcohol polyethylene glycol ether (10 EO)
Laureth-23	NOVEL 12-23	C ₁₂ -alcohol polyethylene glycol ether (23 EO)
Laureth-30	NOVEL 23 E 30	C ₁₂ -C ₁₃ -alcohol polyethylene glycol ether (30 EO)
Oleth-2	EMULGANTE CO-2	Oleyl alcohol polyethylene glycol (2 EO)
Oleth-5	EMULGANTE CO-5	Oleyl alcohol polyethylene glycol (5 EO)



Form supplied	Active content [% by wt.]	Properties/typical application areas	Production site
liquid	100	Solubilizer for essential oils, oilsoluble emulsifier; applicable for all kinds of liquid personal cleansing products including waterfree shower oils; mild odour	Nanjing (China)
liquid	100		Lake Charles (USA)
liquid	100		Marl (Germany)
liquid	100		Nanjing (China), Terranova (Italy), Lake Charles (USA)
liquid	100	Watersoluble emulsifier; applicable for all kinds of liquid personal cleansing products	Terranova (Italy)
liquid	100		Marl (Germany)
liquid	100		Lake Charles (USA)
liquid	100	Emulsifier; applicable for all kinds of liquid personal cleansing products	Lake Charles (USA)
liquid to paste	100	Watersoluble emulsifier; applicable for all kinds of liquid personal cleansing products	Nanjing (China)
liquid to paste	100		Nanjing (China)
paste	100		Terranova (Italy)
liquid	100		Marl (Germany)
liquid	90		Marl (Germany)
liquid	100		Lake Charles (USA)
liquid	100		Lake Charles (USA)
liquid	100		Lake Charles (USA)
liquid	100		Nanjing (China), Terranova (Italy), Lake Charles (USA)
liquid	100	Emulsifier partuculary for perfume oil	Nanjing (China)
solid	100		Terranova (Italy)
paste to solid	100		Marl (Germany)
liquid	90		Marl (Germany)
liquid	100		Lake Charles (USA)
solid	100		Lake Charles (USA)
solid	100		China, Germany, Italy, USA
solid	100		Marl (Germany)
solid	100		Lake Charles (USA)
solid, pastilled	100	Oil soluble emulsifier for W/O emulsions, stabilizer for O/W emulsions	Lake Charles (USA)
liquid	100		Terranova (Italy)
liquid	100		Terranova (Italy)

5. Surfactants, nonionic

Alcohol ethoxylates

INCI name	Product	Chemical description
Steareth-20	NOVEL 18-20	C ₁₈ -alcohol polyethylene glycol ether (20 EO)
Trideceth-2	NOVEL TDA-2	C ₁₃ -alcohol polyethylene glycol ether (2 EO)
Trideceth-3	MARLIPAL O13/30	C ₁₃ -alcohol polyethylene glycol ether (3 EO)
	MARLOSOL TA 30	C ₁₃ -alcohol polyethylene glycol ether (3 EO)
	MULTISO 13/30	C ₁₃ -alcohol polyethylene glycol ether (3 EO)
	NOVEL TDA-3	C ₁₃ -alcohol polyethylene glycol ether (3 EO)
	TRIDAC ISO 3	C ₁₃ -alcohol polyethylene glycol ether (3 EO)
Trideceth-4	MARLIPAL O13/40	C ₁₃ -alcohol polyethylene glycol ether (4 EO)
	NOVEL TDA-4	C ₁₃ -alcohol polyethylene glycol ether (4 EO)
Trideceth-5	MARLIPAL O13/50	C ₁₃ -alcohol polyethylene glycol ether (5 EO)
	MARLOSOL TA 50	C ₁₃ -alcohol polyethylene glycol ether (5 EO)
	MULTISO 13/50	C ₁₃ -alcohol polyethylene glycol ether (5 EO)
	NOVEL TDA-5	C ₁₃ -alcohol polyethylene glycol ether (5 EO)
	TRIDAC ISO 5	C ₁₃ -alcohol polyethylene glycol ether (5 EO)
Trideceth-6	MARLIPAL O13/60	C ₁₃ -alcohol polyethylene glycol ether (6 EO)
	MARLIPAL O13/69	C ₁₃ -alcohol polyethylene glycol ether (6 EO)
	MARLOSOL TA 60	C ₁₃ -alcohol polyethylene glycol ether (6 EO)
	MULTISO 13/60	C ₁₃ -alcohol polyethylene glycol ether (6 EO)
	NOVEL TDA-6	C ₁₃ -alcohol polyethylene glycol ether (6 EO)
	TRIDAC ISO 6	C ₁₃ -alcohol polyethylene glycol ether (6 EO)
Trideceth-7	MARLIPAL O13/70	C ₁₃ -alcohol polyethylene glycol ether (7 EO)
	MARLIPAL O13/79	C ₁₃ -alcohol polyethylene glycol ether (7 EO)
	MARLOSOL TA 70	C ₁₃ -alcohol polyethylene glycol ether (7 EO)
	MULTISO 13/70	C ₁₃ -alcohol polyethylene glycol ether (7 EO)
	NOVEL TDA-7	C ₁₃ -alcohol polyethylene glycol ether (7 EO)
Trideceth-8	MARLIPAL O13/80	C ₁₃ -alcohol polyethylene glycol ether (8 EO)
	MARLIPAL O13/89	C ₁₃ -alcohol polyethylene glycol ether (8 EO)
	MARLOSOL TA 80	C ₁₃ -alcohol polyethylene glycol ether (8 EO)
	MULTISO 13/80	C ₁₃ -alcohol polyethylene glycol ether (8 EO)
	MULTISO 13/89	C ₁₃ -alcohol polyethylene glycol ether (8 EO)
	NOVEL TDA-8	C ₁₃ -alcohol polyethylene glycol ether (8 EO)
Trideceth-9	TRIDAC ISO 8	C ₁₃ -alcohol polyethylene glycol ether (8 EO)
	MARLIPAL O13/90	C ₁₃ -alcohol polyethylene glycol ether (9 EO)
	MARLIPAL O13/99	C ₁₃ -alcohol polyethylene glycol ether (9 EO)
	MULTISO 13/90	C ₁₃ -alcohol polyethylene glycol ether (9 EO)
	NOVEL TDA-9	C ₁₃ -alcohol polyethylene glycol ether (9 EO)
	TRIDAC ISO 9	C ₁₃ -alcohol polyethylene glycol ether (9 EO)



Form supplied	Active content [% by wt.]	Properties/typical application areas	Production site
solid	100	Emulsifier, improves consistency	Lake Charles (USA)
liquid	100	Solubilizer for essential oils, oilsoluble emulsifier; applicable for all kinds of liquid personal cleansing products	Lake Charles (USA)
liquid	100		Marl (Germany)
liquid	100		Nanjing (China)
liquid	100		Nanjing (China)
liquid	100		Lake Charles (USA)
liquid	100		Terranova (Italy)
liquid	100		Marl (Germany)
liquid	100		Lake Charles (USA)
liquid	100		Marl (Germany)
liquid	100		Nanjing (China)
liquid	100		Nanjing (China)
liquid	100		Lake Charles (USA)
liquid	100		Terranova (Italy)
liquid	100		Marl (Germany)
liquid	90		Marl (Germany)
liquid	100		Nanjing (China)
liquid	100		Nanjing (China)
liquid	100		Lake Charles (USA)
liquid	100		Terranova (Italy)
liquid	100	Watersoluble emulsifier; applicable for all kinds of liquid personal cleansing products	Marl (Germany)
liquid	90		Marl (Germany)
liquid	100		Nanjing (China)
liquid	100		Nanjing (China)
liquid	100		Lake Charles (USA)
liquid	100		Marl (Germany)
liquid	90		Marl (Germany)
liquid	100		Nanjing (China)
liquid	100		Nanjing (China)
liquid	90		Nanjing (China)
liquid	100		Lake Charles (USA)
liquid	100		Terranova (Italy)
liquid	100		Marl (Germany)
liquid	90		Marl (Germany)
liquid	100		Nanjing (China)
liquid	100		Lake Charles (USA)
liquid	100		Terranova (Italy)

5. Surfactants, nonionic

Alcohol ethoxylates

INCI name	Product	Chemical description
Trideceth-10	MARLIPAL O13/100	C ₁₃ -alcohol polyethylene glycol ether (10 EO)
	MARLIPAL O13/109	C ₁₃ -alcohol polyethylene glycol ether (10 EO)
	MULTISO 13/100	C ₁₃ -alcohol polyethylene glycol ether (10 EO)
	NOVEL TDA-10	C ₁₃ -alcohol polyethylene glycol ether (10 EO)
Trideceth-11	MULTISO 13/110	C ₁₃ -alcohol polyethylene glycol ether (11 EO)
Trideceth-12	MARLIPAL O13/120	C ₁₃ -alcohol polyethylene glycol ether (12 EO)
	MARLIPAL O13/129	C ₁₃ -alcohol polyethylene glycol ether (12 EO)
	MULTISO 13/120	C ₁₃ -alcohol polyethylene glycol ether (12 EO)
	NOVEL TDA-12	C ₁₃ -alcohol polyethylene glycol ether (12 EO)
	TRIDAC ISO 12	C ₁₃ -alcohol polyethylene glycol ether (12 EO)
Trideceth-20	NOVEL TDA-20	C ₁₃ -alcohol polyethylene glycol ether (20 EO)
Trideceth-30	NOVEL TDA-30	C ₁₃ -alcohol polyethylene glycol ether (30 EO)
Trideceth-40	NOVEL TDA-40	C ₁₃ -alcohol polyethylene glycol ether (40 EO)
Trideceth-50	NOVEL TDA-50	C ₁₃ -alcohol polyethylene glycol ether (50 EO)
Trideceth-70	NOVEL TDA-70	C ₁₃ -alcohol polyethylene glycol ether (70 EO)
Trideceth-100	NOVEL TDA-100	C ₁₃ -alcohol polyethylene glycol ether (100 EO)
Undeceth-3	LIALET 111-3	C ₁₁ -alcohol polyethylene glycol ether (3 EO)
Undeceth-5	LIALET 111-5.5	C ₁₁ -alcohol polyethylene glycol ether (5 EO)
Undeceth-7	LIALET 111-7	C ₁₁ -alcohol polyethylene glycol ether (7 EO)
Undeceth-8	LIALET 111-8	C ₁₁ -alcohol polyethylene glycol ether (8 EO)
Undeceth-10 (INCI name applied)	LIALET 111-10	C ₁₁ -alcohol polyethylene glycol ether (10 EO)

Alkanolamides

INCI name	Product	Chemical description
Cocamide DEA	DACAMID DC	Coconut fatty acid diethanolamide
Cocamide MEA	DACAMID MAC	Coconut fatty acid monoethanolamide
Lauramide MEA	DACAMID MAL	Lauric fatty acid monoethanolamide



Form supplied	Active content [% by wt.]	Properties/typical application areas	Production site
liquid	100	Watersoluble emulsifier; applicable for all kinds of liquid personal cleansing products	Marl (Germany)
liquid	90		Marl (Germany)
liquid	100		Nanjing (China)
liquid	100		Lake Charles (USA)
solid	100		Nanjing (China)
liquid to paste	100		Marl (Germany)
liquid	90		Marl (Germany)
liquid to paste	100		Nanjing (China)
liquid	100		Lake Charles (USA)
liquid	100		Terranova (Italy)
Solid	100		Lake Charles (USA)
solid	100		Lake Charles (USA)
Solid	100		Lake Charles (USA)
Solid	100		Lake Charles (USA)
Solid	100		Lake Charles (USA)
Solid	100		Lake Charles USA)
liquid	100	Oil soluble emulsifier	Terranova (Italy)
liquid	100		Terranova (Italy)
paste	100	Water soluble emulsifier, applicable for any kind of liquid personal cleansing products	Terranova (Italy)
paste	100		Terranova (Italy)
paste	100		Terranova (Italy)

Form supplied	Active content [% by wt.]	Properties/typical application areas	Production site
liquid	100	Foam stabilizer, solubilizer for perfumes, lime soap dispersant	Terranova (Italy)
wax	100	Viscosity improver, foam booster	Terranova (Italy)
wax	100		Terranova (Italy)

6. Surfactants, anionic

Alcohol sulfates

INCI name	Product	Chemical description
Ammonium Lauryl Sulfate	ALS 70	C ₁₂ -C ₁₄ -alcohol sulfate, ammonium-salt

Alcohol ether sulfates

INCI name	Product	Chemical description
Ammonium Laureth Sulfate	AAES 370 N	C ₁₂ -C ₁₄ -alcohol polyethylene glycol ether (3 EO) sulfate, ammonium-salt
MIPA Laureth Sulfate (and) Propylene Glycol	MARLINAT 242/90 M	C ₁₂ -C ₁₄ -alcohol polyethylene glycol ether (2 EO) sulfate, monoisopropanolammonium-salt
Sodium Laureth Sulfate	AES 270 N	C ₁₂ -C ₁₄ -alcohol polyethylene glycol ether (2 EO) sulfate, Na-salt
	AES 370 N	C ₁₂ -C ₁₄ -alcohol polyethylene glycol ether (3 EO) sulfate, Na-salt
	COSMACOL AES 27-2-24	C ₁₂ -C ₁₄ -alcohol polyethylene glycol ether (2 EO) sulfate, Na-salt
	COSMACOL AES 27-3-24	C ₁₂ -C ₁₄ -alcohol polyethylene glycol ether (3 EO) sulfate - Na Salt
	COSMACOL AES 70-2-24	C ₁₂ -C ₁₄ -alcohol polyethylene glycol ether (2 EO) sulfate, Na-salt
	COSMACOL AES 70-3-24	C ₁₂ -C ₁₄ -alcohol polyethylene glycol ether (3 EO) sulfate - Na Salt
	MARLINAT 242/28	C ₁₂ -C ₁₄ -alcohol polyethylene glycol ether (2 EO) sulfate, Na-salt
	MARLINAT 242/28 UK	C ₁₂ -C ₁₄ -alcohol polyethylene glycol ether (2 EO) sulfate, Na-salt
	MARLINAT 242/70	C ₁₂ -C ₁₄ -alcohol polyethylene glycol ether (2 EO) sulfate, Na-salt
	MARLINAT 242/70 C	C ₁₂ -C ₁₄ -alcohol polyethylene glycol ether (2 EO) sulfate, Na-salt
	SAFOL 23 E 2S	C ₁₂ -C ₁₃ -alcohol polyethylene glycol ether (2 EO) sulfate, Na-salt

Form supplied	Active content [% by wt.]	Properties/typical application areas	Production site
paste	70	Base surfactant exhibiting a high foaming power; for all kinds	Nanjing (China)

Form supplied	Active content [% by wt.]	Properties/typical application areas	Production site
paste	70	Base surfactant exhibiting a high foaming power and good solubility in water; for all kinds of liquid personal cleansing products	Nanjing (China)
liquid	90	Waterfree ethersulfate; base surfactant exhibiting a high foaming power; for waterfree shower oils and aqueous clear personal cleansing products including high amounts of oils	Marl (Germany)
paste	70	Base surfactant exhibiting a high foaming power; for all kinds of liquid personal cleansing products	Nanjing (China)
paste	70		Nanjing (China)
liquid	27		Terranova (Italy)
liquid	27	Base surfactant exhibiting a high foaming power; for all kinds of liquid personal cleansing products (free of preservatives)	Terranova (Italy)
paste	70	Base surfactant exhibiting a high foaming power; for all kinds of liquid personal cleansing products	Terranova (Italy)
paste	70	Base surfactant exhibiting a high foaming power; for all kinds of liquid personal cleansing products (free of preservatives)	Terranova (Italy)
liquid	28	Base surfactant exhibiting a high foaming power; for all kinds of liquid personal cleansing products	Marl (Germany)
liquid	28	Base surfactant exhibiting a high foaming power; for all kinds of liquid personal cleansing products (free of preservatives)	Marl (Germany)
paste	70	Base surfactant exhibiting a high foaming power; for all kinds of liquid personal cleansing products	Marl (Germany)
paste	70	Base surfactant exhibiting a high foaming power; for all kinds of liquid personal cleansing products (cosmetic grade)	Marl (Germany)
paste	70	Base surfactant exhibiting a high foaming power; for all kinds of liquid personal cleansing products	Nanjing (China)

6. Surfactants, anionic

Alcohol ether carboxylic acids and carboxylates

INCI name	Product	Chemical description
Laureth-5 Carboxylic Acid	MARLOWET 1072	C ₁₂ -C ₁₄ -alcohol polyethylene glycol ether (5 EO) carboxylic acid

7. Surfactants, compounds

INCI name	Product	Chemical description
Laureth-4 (and) MIPA Laureth Sulfate (and) PEG-6 Caprylic/Capric Glycerides (and) Propylene Glycol	SOFTIGEN M 40	Blend of fatty alcohol polyethylene glycol ether sulfate monoisopropanolammonium salt, fatty alcohol polyethylene glycol ether and partial fatty glycerides, ethoxylated
Sodium Laureth Sulfate (and) Cocamide MEA	TENSIODAC D50-M11	Mixture of Sodium Laureth Sulfate and Cocamide MEA

8. Gemini compounds

INCI name	Product	Chemical description
Behenyl Alcohol (and) Glyceryl Stearate (and) Glyceryl Stearate Citrate (and) Disodium Ethylene Dicocoamide PEG-15 Disulfate	CERALUTION H	Coco fatty acid ethylenediamide based Gemini surfactant mixed with Behenyl alcohol and co-emulsifiers
Aqua (and) Caprylic/Capric Triglyceride (and) Glycerin (and) Ceteareth-25 (and) Disodium Ethylene Dicocoamide PEG-15 Disulfate (and) Acacia Senegal Gum (and) Behenyl Alcohol (and) Glyceryl Stearate (and) Glyceryl Disulfate (and) Glyceryl Stearate Citrate (and) Phenoxyethanol (and) Xanthan Gum (and) Benzyl Alcohol (and) Potassium Sorbate (and) Tocopherol (and) Citric Acid (and) Undecyl Alcohol	CERALUTION CC	Emulsion concentrate
Ceteareth-25 (and) Disodium Ethylene Dicocoamide PEG-15 Disulfate	CERALUTION ES	Coco fatty acid ethylenediamide based Gemini surfactant mixed with polar alcohol polyethylene glycol ether

Form supplied	Active content [% by wt.]	Properties/typical application areas	Production site
liquid	90	Raw material to produce the corresponding salts which are very mild	Marl (Germany)

Form supplied	Active content [% by wt.]	Properties/typical application areas	Production site
liquid	100	Base surfactant blend free of water, for waterfree shower oils	Marl (Germany)
liquid	60	Ready-to-use concentrated surfactant base for personal cleansing products.	Terranova (Italy)

Form supplied	Properties/typical application areas	Production site
pastilles	Liquid crystalline lamellar gel network emulsifier and dispersant; highly efficient and flexible for all oil polarities from polar to unpolar to silicone oils; high electrolyte tolerance, pH 4 to 12, elegant silky skin feel; for lotions, creams and color cosmetics; ensures high filter efficiency in sunscreens	Marl (Germany)
liquid	Self-emulsifying emulsion concentrate for sprays, wipes, lotions, creams; highly flexible and efficient—all oil polarities, high electrolyte tolerance; no homogenization equipment needed, cold-processing possible	Marl (Germany)
solid	Emulsifier / Dispersant for liquid O/W emulsion sprays	Marl (Germany)

9. Dialkyl ethers

INCI name	Product	Chemical description
Dicaprylyl Ether	COSMACOL OE	Dioctyl ether
Didecyl Ether	COSMACOL Ether 10	Didecyl ether
Dilauryl Ether	COSMACOL Ether 12	Didodecyl ether
Dimyristyl Ether	COSMACOL Ether 14	Ditetradecyl ether
Dihexadecyl Ether	COSMACOL Ether 16	Dihexadecyl ether
Distearyl Ether	COSMACOL SE	Diocetadecyl ether

10. Paraffins, single cuts

INCI name	Product	Chemical description
Dodecane	PARAFOL 12-97	Dodecane
Tetradecane	PARAFOL 14-97	Tetradecane

Form supplied	Properties/typical application areas	Production site
liquid	Very light and highly spreading emollient , solvent for active ingredients, suitable for a wide pH range, reduce tackiness, skin feel improver	Brunsbüttel (Germany)
liquid	Light and good spreading emollient , suitable for a wide pH range,	Brunsbüttel (Germany)
solid	reduce tackiness, skin feel improver	Brunsbüttel (Germany)
solid		Brunsbüttel (Germany)
pastilles	Emollient with sharp melting point, suitable for a wide pH range, texture improver	Brunsbüttel (Germany)
pastilles	Emollient with sharp melting point, suitable for a wide pH range, texture improver, pearlescent agent additive	Brunsbüttel (Germany)

Form supplied	Properties/typical application areas	Production site
liquid	Natural based very light and highly spreading emollient, alternative to cyclopentasiloxane	Brunsbüttel (Germany)
liquid	Natural based very light and highly spreading emollient, alternative to isohexadecane	Brunsbüttel (Germany)

11. Selfemulsifying waxes and others

INCI name	Product	Chemical description
Cetearyl Alcohol (and) Sodium Lauryl Sulfate	GALENOL 1618 DSN	Mixture of C ₁₆ –C ₁₈ -fatty alcohol and sodium lauryl sulfate
Cetearyl Alcohol (and) Sodium Cetearyl Sulfate	GALENOL 1618 CS	Mixture of C ₁₆ –C ₁₈ -fatty alcohol and sodium cetylstearyl sulfate
Cetearyl Alcohol (and) Ceteareth-20	GALENOL 1618 AE	Mixture of C ₁₆ –C ₁₈ -fatty alcohol and C ₁₆ –C ₁₈ -fatty alcohol polyethylene glycol ether (20 EO)
	GALENOL 2173	Mixture of C ₁₆ –C ₁₈ -fatty alcohol and C ₁₆ –C ₁₈ -fatty alcohol polyethylene glycol ether (20 EO)
Cetearyl Alcohol (and) Ceteareth-25	NONIDAC 1618 F	Mixture of C ₁₆ –C ₁₈ -fatty alcohol and C ₁₆ –C ₁₈ -fatty alcohol polyethylene glycol ether (25 EO)
Cetearyl Alcohol (and) Ceteareth-30	GALENOL 2880	Mixture of C ₁₆ –C ₁₈ -fatty alcohol and C ₁₆ –C ₁₈ -fatty alcohol polyethylene glycol ether (30 EO)
Cetearyl Alcohol (and) Polysorbate-60	GALENOL PS-60	Mixture of C ₁₆ –C ₁₈ -fatty alcohol and polysorbate-60
Di-C12-13 Alkyl Tartrate (and) Tri-C12-13 Alkyl Citrate (and) Silica	COSMACOL PLG	Mixture of Di-C ₁₂ –C ₁₃ -alkyl tartrate, tri-C ₁₂ –C ₁₃ -alkyl citrate and silica
Dimyristyl Tartrate (and) Cetearyl Alcohol (and) C12-15 Pareth-7 (and) PPG-25-Laureth-25	COSMACOL PSE	Mixture of dimyristyl tartrate, cetearyl alcohol, C ₁₂ –C ₁₅ -pareth-7 and PPG-25-laureth-25
Lauramide MEA (and) Sodium Laureth Sulfate (and) Glycol Stearate	COSMACOL P 50	Mixture of lauramide MEA, sodium laureth sulfate and glycol stearate
Glyceryl Cocoate (and) Hydrogenated Coconut Oil (and) Ceteareth-25	SOFTISAN 601	Mixture of triglyceride, partial glycerides and a nonionic emulsifiers

Form supplied	Properties/typical application areas	Production site
pastilles	Anionic self-emulsifying O/W base for hair dyes and colours	Brunsbüttel (Germany)
pastilles	Anionic self-emulsifying O/W base for lotions, creams and ointments	Brunsbüttel (Germany)
pastilles	Nonionic self-emulsifying O/W base for lotions, creams, hair dyes, colours, hair relaxers and depilatory creams, stable over a wide pH range and in the presence of high electrolyte levels	Brunsbüttel (Germany)
pastilles		Lake Charles (USA)
flakes	Nonionic self-emulsifying O/W base for hair dyes and colours, hair relaxer, stable over a wide pH range and in the presence of high electrolyte levels	Brunsbüttel (Germany)
pastilles	Nonionic self-emulsifying O/W base for lotions, creams, hair dyes, colours, hair relaxers and depilatory creams, stable over a wide pH range and in the presence of high electrolyte levels	Terranova (Italy)
pastilles	Nonionic self-emulsifying mixture for O/W-emulsions	Lake Charles (USA)
liquid	Transparent lipogel base; carrier for active ingredients in water free systems	Lake Charles (USA)
flakes	Self-emulsifying base for O/W-creams and lotions, body lotions, make-up foundations, balsams and any other type of emulsions	Terranova (Italy)
paste	Pearlizing agent with foam boosting and thickening properties for shampoos, shower gels and bath foams	Terranova (Italy)
pastilles	Water free self-emulsifying system, ready-to-use O/W cream base, suitable for a variety of cosmetic emulsions; melting point: approx. 43° C	Witten (Germany)

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