



SASOL

Raw Materials for Cosmetics

Sasol Performance Chemicals



About Us

Sasol Performance Chemicals develops and markets a broad portfolio of organic and inorganic commodity and specialty chemicals and comprises three key business divisions: Organics, Advanced Materials and Wax. Our offices in 18 countries serve customers around the world with a multifaceted portfolio of state-of-the-art chemical products and solutions for a wide range of applications and industries.

Surfactants, surfactant intermediates, fatty alcohols, linear alkyl benzene (LAB), short-chain linear alpha olefins, mineral oil-based and synthetic paraffin waxes, high-purity and ultra-high-purity alumina as well as high-quality carbon solutions form the basis of our key product range.

As individual as the industrial applications they serve, the tailor-made solutions offered by our products create real business value for customers. Ongoing research activities result in a continuous stream of innovative product concepts that help our customers position themselves successfully in future markets.

Our products are used in countless applications in our daily lives to add value, security and comfort. Typical examples include detergents, cleaning agents, personal care, construction, paints, inks and coatings, metalworking and lubricants, hot-melt adhesives, bitumen modification and catalyst support for automotive catalysts and refineries as well as other specialty applications including oil and gas recovery, agriculture, plastic stabilization, and polymer production. Every day, our researchers explore ways to improve our products and develop innovations that improve the quality of people's lives.



Register of Product Groups

1. Fats and Oils/Esters	16
Special Esters	16
Castor Oil Derivatives	16
Others	16
2. Fatty Alcohols	18 – 23
Single Fractions	18
Blends	20
Monobranched Guerbet Alcohols	22
3. Petrolatum	22 – 23
4. Paraffin Waxes	24 – 25
Soft Waxes	24
Hard Waxes	24
Microcrystalline Waxes	24
Ceresins	24
5. Paraffins, Single Cuts	26 – 27
6. Polyethylene Glycols	26 – 27
7. Surfactants, Nonionic	28 – 35
Alcohol Ethoxylates	28
8. Surfactants, Anionic	34 – 37
Alcohol Sulfates	34
Alcohol Ether Sulfates	36
Alcohol Ether Carboxylic Acids and Carboxylates	36
9. Surfactants, Compounds	38 – 39
10. Gemini Compounds	38 – 39
11. Dialkyl Ethers	38 – 39
12. Synthetic Waxes	40 – 41
Synthetic Waxes	40
13. Alkanolamines	40 – 41
14. Selfemulsifying Waxes and Others	40 – 41

Foreword

Sasol is a leading producer of raw materials for cosmetics and personal care products. 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. Some of our products are plant based and can be therefore RSPO-MB quality – upon request. Benefit from Sasol's experience in product development.

Register of Trademarks and Product Names

A	Trademark/product name	Page	E	Trademark/product name	Page
	AAES 370 N-II.....	36		EMULDAC AS 18	28
	AAES 370 ZN	36		EMULDAC AS 25.....	28
	AEO 2-24 Z	30		EMULDAC AS 80	28
	AEO 3-24 Z	30		EMULGANTE CO-2.....	30
	AEO 4-24 Z	30		EMULGANTE CO-5.....	30
	AEO 5-24 Z	30			
	AEO 6-24 Z	30	G	GALENOL 1618 AE	40
	AEO 7-24 Z.....	30		GALENOL 2100.....	28
	AEO 9-24 Z	30		GALENOL 2800.....	28
	AEO 10-24 Z.....	30		GALENOL 2880.....	40
	AES 270 N	36			
	AES 270 N-II.....	36	I	ISALCHEM 123	20
	AES 270 NII-Z	36		ISALCHEM 125.....	20
	AES 270 ZN	36		ISALCHEM 145.....	20
	ALCHEM 11-96.....	18		ISOCARB 12.....	40
	ALCHEM 11-99.....	18		ISOFOL 12	22
	ALCHEM 123	20		ISOFOL 16	22
	ALCHEM 125	20		ISOFOL 16 Native	22
	ALCHEM 145	20		ISOFOL 18 E.....	22
	ALFOL 6	18		ISOFOL 18 T	22
	ALFOL 8.....	18		ISOFOL 20	22
	ALFOL 10	18		ISOFOL 20 Native	22
	ALFOL 12.....	18		ISOFOL 24	22
	ALFOL 1216 CO.....	20		ISOFOL 28	22
	ALFOL 14.....	18		ISOFOL 32	22
	ALFOL 16	18	L		
	ALFOL 1618 CG	20		LIALCHEM 25-75	20
	ALFOL 1618 GC	20		LIAL 123	20
	ALFOL 1618 Alcohol	20		LIAL 125	20
	ALFOL 1618 E Alcohol.....	20		LIAL 145.....	20
	ALFOL 18	18		LIALET 111-3	34
	ALFONIC 1216 CO-2	30		LIALET 111-5.5.....	34
	ALFONIC 1216 CO-3	30		LIALET 111-7	34
	ALS 70	34		LIALET 111-8.....	34
C				LIPOXOL 300 MED	26
	CERALUTION CPE	38		LIPOXOL 400 MED	26
	CERALUTION ES RSPO-MB	38		LIPOXOL 600 MED	26
	CERALUTION H RSPO-MB.....	38		LIPOXOL 1000 MED	26
	COSMACOL AES 27-2-24.....	36		LIPOXOL 1500 MED.....	26
	COSMACOL AES 27-3-24.....	36		LIPOXOL 3000 MED.....	26
	COSMACOL AES 70-2-24	36		LIPOXOL 3350 MED	26
	COSMACOL AES 70-3-24	36		LIPOXOL 4000 MED.....	26
	COSMACOL EBL.....	16		LIPOXOL 6000 MED.....	26
	COSMACOL ECI.....	16		LIPOXOL 8000 MED	26
	COSMACOL ECL	16		LORODAC 2-24.....	30
	COSMACOL ELI	16			
	COSMACOL EMI.....	16			
	COSMACOL N II-9.....	28			
	COSMACOL OE	38			
	COSMACOL PE 50	40			

Register of Trademarks and Product Names

Trademark/product name	Page	Trademark/product name	Page
LORODAC 3-24.....	30	MARLOWET COE 329	16
LORODAC 4-24.....	30	MEA pure, cosmetic	40
LORODAC 6-24.....	30	MERKUR 110	22
LORODAC 7-24.....	30	MERKUR 500	22
LORODAC 9-24.....	30	MERKUR 500 USP.....	22
LORODAC 10-24	30	MERKUR 546.....	22
		MERKUR 620	22
M MARLINAT 242/28	36	MERKUR 670.....	22
MARLINAT 242/28 UK.....	36	MERKUR 773	22
MARLINAT 242/70 B	36	MERKUR 774	22
MARLINAT 242/70 C.....	36	MULTISO 13/30.....	32
MARLINAT 242/70 C5.....	36	MULTISO 13/50.....	32
MARLINAT 242/90 MC.....	36	MULTISO 13/60	32
MARLIPAL 24/20	30	MULTISO 13/70	32
MARLIPAL 24/30	30	MULTISO 13/80	32
MARLIPAL 24/40	30	MULTISO 13/89	32
MARLIPAL 24/50	30	MULTISO 13/90	32
MARLIPAL 24/60.....	30	MULTISO 13/100.....	32
MARLIPAL 24/70	30	MULTISO 13/110	32
MARLIPAL 24/79	30	MULTISO 13/120	32
MARLIPAL 24/90.....	30		
MARLIPAL 24/99.....	30	N NACOL 14-95.....	18
MARLIPAL 24/100.....	30	NACOL 16-95.....	18
MARLIPAL 013/30.....	32	NACOL 16-98.....	18
MARLIPAL 013/40.....	32	NACOL 16-98 RSPO-MB.....	18
MARLIPAL 013/50.....	32	NACOL 18 DO RSPO-MB.....	18
MARLIPAL 013/60.....	32	NACOL 18-96 DO RSPO-MB.....	18
MARLIPAL 013/69.....	32	NACOL 18-98 RSPO-MB	18
MARLIPAL 013/70	32	NACOL 20-95	18
MARLIPAL 013/79	32	NACOL 22-98	18
MARLIPAL 013/80.....	32	NAFOL 1618	20
MARLIPAL 013/89.....	32	NAFOL 1618 EN RSPO-MB.....	20
MARLIPAL 013/90.....	32	NAFOL 1618 ES.....	20
MARLIPAL 013/99.....	32	NAFOL 1618 H RSPO-MB.....	20
MARLIPAL 013/100	32	NAFOL 1618 JA RSPO-MB.....	20
MARLIPAL 013/109	32	NAFOL 1618 S RSPO-MB	20
MARLIPAL 013/120.....	32	NAFOL 1822 B	20
MARLIPAL 013/129.....	32	NAFOL 1822 C.....	20
MARLIPAL 1618/11	28	NAFOL 2022	20
MARLIPAL SU	28	NAFOL 2022 EN	20
MARLOSOL PK 9040	30	NONIDAC 1618 F.....	40
MARLOSOL ST 9150 P.....	16	NOVEL 810-4.5.....	28
MARLOSOL TA 30	32	NOVEL 1012-6.....	28
MARLOSOL TA 50	32	NOVEL 12-23	30
MARLOSOL TA 60	32	NOVEL 1214 GC-2	30
MARLOSOL TA 70.....	32		
MARLOSOL TA 80	32		
MARLOSOL TA 90	32		
MARLOWET 1072	36		
MARLOWET CG	16		

Register of Trademarks and Product Names

Trademark/product name	Page	Trademark/product name	Page
NOVEL 1216 CO-2	30	SAFOL 23 E 5	28
NOVEL 1216 CO-3	30	SAFOL 23 E 6	28
NOVEL 1216 CO-7	30	SAFOL 23 E 6.5	28
NOVEL 1412-2	30	SAFOL 23 E 7	28
NOVEL 1412-3	30	SAFOL 23 E 9	28
NOVEL 22-4	28	SASOLWAX 0907	24
NOVEL 1412-7	30	SASOLWAX 1800	24
NOVEL 1412-9	30	SASOLWAX 3971	24
NOVEL 16-3	28	SASOLWAX 3977	24
NOVEL 1618 CG-25	28	SASOLWAX 4610	24
NOVEL 16-20	28	SASOLWAX 5009	24
NOVEL 1618-80	28	SASOLWAX 5203	24
NOVEL 18-20	30	SASOLWAX 5603	24
NOVEL 22-25	28	SASOLWAX 5803	24
NOVEL 23 E 2	28	SASOLWAX 7835	24
NOVEL 23 E 3	28	SASOLWAX 8021	24
NOVEL 23 E 6.5	28		
NOVEL 23 E 7	30	T TEA pure, cosmetic	40
NOVEL 23 E 9	30	TENSIODAC D50-M11	38
NOVEL 23 E 30	30	TITANEL	40
NOVEL 23 E 100	30	TRIDAC ISO 3	32
NOVEL 23 E 150	30	TRIDAC ISO 5	32
NOVEL TDA-2	30	TRIDAC ISO 6	32
NOVEL TDA-3	32	TRIDAC ISO 8	32
NOVEL TDA-4	32	TRIDAC ISO 9	32
NOVEL TDA-5	32	TRIDAC ISO 12	32
NOVEL TDA-6	32	TRIDAC ISO 20	34
NOVEL TDA-7	32	TRIDAC ISO 30	34
NOVEL TDA-8	32	TRIDAC ISO 40	34
NOVEL TDA-9	32	TRIDAC ISO 50	34
NOVEL TDA-10	32		
NOVEL TDA-12	32	V VARA A	22
NOVEL TDA-20	34	VARA AB	22
NOVEL TDA-30	34	VARA 4800	22
NOVEL TDA-40	34		
NOVEL TDA-50	34		
NOVEL TDA-70	34		
NOVEL TDA-100	34		
NOVEL TDA-150	34		
P PARAFOL 12 RSPO-MB	26		
PARAFOL 14 RSPO-MB	26		
PARAFOL 22-95	26		
S SAFOL 23 A 70	34		
SAFOL 23 E 25	36		
SAFOL 23 E 2	28		
SAFOL 23 E 3	28		
SAFOL 23 E 4	28		

Register of INCI Names

	INCI name	Trademark/product name	Page	
A	Ammonium Laureth Sulfate	AAES 370 N II	36	
	Ammonium Lauryl Sulfate	AAES 370 ZN	36	
		ALS 70	34	
		SAFOL 23 A 70	34	
	Aqua (and) Caprylic/Capric Triglyceride (and) Glycerin (and) Cetareth-25 (and) Disodium Ethylene Dicapamide PEG-15 Disulfate (and) Acacia Senegal Gum (and) Xanthan Gum (and) Citric Acid (and) Benzyl Alcohol (and) Ethylhexylglycerin (and) Tocopherol	CERALUTION CPE	38	
	NACOL 20-95	18		
B	Beheneth-4	NOVEL 22-4	28	
	Beheneth-25	NOVEL 22-25	28	
	Behenyl Alcohol	NACOL 22-98	18	
		NAFOL 1822 B	20	
		NAFOL 1822 C	20	
	Behenyl Alcohol (and) Glyceryl Stearate (and) Glyceryl Stearate Citrate (and) Disodium Ethylene Dicapamide PEG-15 Disulfate	CERALUTION H RSPO-MB	38	
	Butyloctanoic Acid	ISOCARB 12	20	
	Butyloctanol	ISOFOL 12	22	
	C	C12-13 Alcohols	ALCHEM 123	20
			ISALCHEM 123	20
		LIAL 123	20	
C12-15 Alcohols		ALCHEM 125	20	
		ISALCHEM 125	20	
		LIAL 125	20	
		LIALCHEM 25-75	20	
C14-15 Alcohols		ALCHEM 145	20	
		ISALCHEM 145	20	
		LIAL 145	20	
C20-22 Alcohols		NAFOL 2022	20	
		NAFOL 2022 E	20	
		NAFOL 2022 EN	20	
C12-15 Alkyl Benzoate		COSMACOL EBL	16	
C12-13 Alkyl Lactate		COSMACOL ELI	16	
C12-13 Pareth-2		SAFOL 23 E 2	28	
		NOVEL 23 E 2	28	
C12-13 Pareth-3		SAFOL 23 E 3	28	
		NOVEL 23 E 3	28	
C12-13 Pareth-4		SAFOL 23 E 4	28	
C12-13 Pareth-5		SAFOL 23 E 5	28	
C12-13 Pareth-6		SAFOL 23 E 6	28	
		SAFOL 23 E 6.5	28	
	NOVEL 23 E 6.5	28		
C12-13 Pareth-7	SAFOL 23 E 7	28		
	NOVEL 23 E 7	28		

Register of INCI Names

INCI name	Trademark/product name	Page
C12-13 Pareth-9	COSMACOL N II-9.....	28
	SAFOL 23 E 9.....	28
	NOVEL 23 E 9.....	28
C12-13 Pareth-30	NOVEL 23 E 30.....	28
C12-13 Pareth-100	NOVEL 23 E 100.....	28
C12-13 Pareth-150	NOVEL 23 E 150.....	28
Caprylic Alcohol	ALFOL 8.....	18
Ceresin	SASOLWAX 3977.....	24
Ceteareth-11	MARLIPAL 1618/11.....	28
Ceteareth-15	EMULDAC AS 18.....	28
Ceteareth-20	GALENOL 2100.....	28
Ceteareth-25	EMULDAC AS 25.....	28
	NOVEL 1618 CG-25.....	28
Ceteareth-25 (and) Disodium Ethylene Dicoamide		
PEG-15 Disulfate	CERALUTION ES RSPO-MB.....	38
Ceteareth-30	GALENOL 2800.....	28
Ceteareth-80	EMULDAC AS 80.....	28
	NOVEL 1618-80.....	28
Cetearyl Alcohol	ALFOL 1618 CG.....	20
	ALFOL 1618 GC.....	20
	ALFOL 1618 Alcohol.....	20
	ALFOL 1618 E Alcohol.....	20
	NAFOL 1618.....	20
	NAFOL 1618 EN RSPO-MB.....	20
	NAFOL 1618 ES.....	20
	NAFOL 1618 H RSPO-MB.....	20
	NAFOL 1618 JA RSPO-MB.....	20
	NAFOL 1618 S RSPO-MB.....	20
	GALENOL 1618 AE.....	40
	NONIDAC 1618 F.....	40
	GALENOL 2880.....	40
Cetearyl Alcohol (and) Ceteareth-20	NOVEL 16-3.....	28
Cetearyl Alcohol (and) Ceteareth-25	NOVEL 16-20.....	28
Cetearyl Alcohol (and) Ceteareth-30	MARLIPAL SU.....	28
Ceteth-3	ALFOL 16.....	18
Ceteth-20	NACOL 16-95.....	18
Cetoleth-25	NACOL 16-98.....	18
Cetyl Alcohol	NACOL 16-98 RSPO-MB.....	18
	NACOL 18 DO RSPO-MB.....	18
	NACOL 18-96 DO RSPO-MB.....	18
	NOVEL 810-4.5.....	28
	NOVEL 1012-6.....	28
	ALFOL 10.....	18
	ISOFOL 24.....	22
	COSMACOL EMI.....	16
	COSMACOL OE.....	38
	PARAFOL 22-95.....	26
D Deceth-5		
Deceth-6		
Decyl Alcohol		
Decyltetradecanol		
Di-C12-13 Alkyl Malate		
Dicaprylyl Ether		
Docosane		

Register of INCI Names

INCI name	Trademark/product name	Page
Dodecane	PARAFOL 12 RSPO-MB.....	26
Dodecylhexadecanol	ISOFOL 28	22
E Ethanolamine	MEA pure, cosmetic	40
H Hexyl Alcohol	ALFOL 6.....	18
Hexyldecanol	ISOFOL 16	22
	ISOFOL 16 Native	22
L Laureth-2	AEO 2-24 Z	30
	ALFONIC 1216 CO-2	30
	LORODAC 2-24.....	30
	MARLIPAL 24/20.....	30
	NOVEL 1216 CO-2	30
	NOVEL 1412-2	30
	NOVEL 1214 GC-2	30
Laureth-3	AEO 3-24 Z	30
	ALFONIC 1216 CO-3	30
	LORODAC 3-24.....	30
	MARLIPAL 24/30.....	30
	NOVEL 1216 CO-3	30
	NOVEL 1412-3	30
Laureth-4	AEO 4-24 Z	30
	LORODAC 4-24.....	30
	MARLIPAL 24/40.....	30
	MARLOSOL PK 9040	30
Laureth-5	AEO 5-24 Z	30
	MARLIPAL 24/50.....	30
Laureth-5 Carboxylic Acid	MARLOWET 1072	36
Laureth-6	AEO 6-24 Z	30
	LORODAC 6-24.....	30
	MARLIPAL 24/60	30
Laureth-7	AEO 7-24 Z	30
	LORODAC 7-24.....	30
	MARLIPAL 24/70	30
	MARLIPAL 24/79	30
	NOVEL 1216 CO-7.....	30
	NOVEL 1412-7	30
Laureth-9	AEO 9-24 Z	30
	LORODAC 9-24.....	30
	MARLIPAL 24/90	30
	MARLIPAL 24/99.....	30
	NOVEL 1412-9.....	30
Laureth-10	AEO 10-24 Z	30
	MARLIPAL 24/100	30
	LORODAC 10-24	30
Laureth-23	NOVEL 12-23	30

Register of INCI Names

INCI name	Trademark/product name	Page	
Lauryl Alcohol	ALFOL 12.....	18	
	ALFOL 1216 CO	20	
M Microcrystalline Wax	SASOLWAX 0907.....	24	
	SASOLWAX 1800	24	
	SASOLWAX 3971	24	
	SASOLWAX 7835	24	
MIPA Laureth Sulfate (and) Propylene Glycol	MARLINAT 242/90 MC.....	36	
Myristyl Alcohol	ALFOL 14	18	
	NACOL 14-95.....	18	
Monoisopropanolamine	MIPA pure, cosmetic	40	
O Octyldecanol	ISOFOL 18 E	22	
	ISOFOL 18 T.....	22	
Octyldodecanol	ISOFOL 20	22	
	ISOFOL 20 Native	22	
Oleth-2	EMULGANTE CO-2.....	30	
Oleth-5	EMULGANTE CO-5.....	30	
P Paraffin	SASOLWAX 4610.....	24	
	SASOLWAX 5009.....	24	
	SASOLWAX 5203	24	
	SASOLWAX 5603.....	24	
	SASOLWAX 5803.....	24	
	SASOLWAX 8021.....	24	
	Petrolatum	MERKUR 110	22
		MERKUR 500	22
		MERKUR 500 USP	22
		MERKUR 546.....	22
		MERKUR 620	22
		MERKUR 670.....	22
		MERKUR 773	22
	MERKUR 774	22	
	VARA A	22	
	VARA AB.....	22	
	VARA 4800	22	
PEG-6	LIPOXOL 300 MED	26	
PEG-7 Glyceryl Cocoate	MARLOWET COE 329	16	
PEG-8	LIPOXOL 400 MED	26	
PEG-12	LIPOXOL 600 MED.....	26	
PEG-18 Castor Oil Dioleate	MARLOWET CG	16	

Register of INCI Names

INCI name	Trademark/product name	Page	
PEG-20	LIPOXOL 1000 MED	26	
PEG-32	LIPOXOL 1500 MED.....	26	
PEG-60	LIPOXOL 3000 MED.....	26	
PEG-75	LIPOXOL 3350 MED	26	
PEG-90	LIPOXOL 4000 MED.....	26	
PEG-150	LIPOXOL 6000 MED	26	
PEG-180	LIPOXOL 8000 MED	26	
PPG-15 Stearyl Ether	MARLOSOL ST 9150 P.....	16	
S	Sodium Laureth Sulfate	AES 270 N	36
		AES 270 N-II.....	36
		AES 270 NII-Z	36
		AES 270 ZN	36
		COSMACOL AES 27-2-24.....	36
		COSMACOL AES 27-3-24.....	36
		COSMACOL AES 70-2-24	36
		COSMACOL AES 70-3-24	36
		MARLINAT 242/70 B	36
		MARLINAT 242/70 C.....	36
		MARLINAT 242/70 C5	36
		MARLINAT 242/28	36
		MARLINAT 242/28 UK.....	36
		SAFOL 23 E 2S.....	36
	Sodium Laureth Sulfate (and) Glycol Distearate (and) Undeceth-10 (and) C12-13 Alkyl Lactate	COSMACOL PE 50	40
	Steareth-20	NOVEL 18-20.....	30
	Stearyl Alcohol	ALFOL 18	18
		NACOL 18-96 DO RSPO-MB.....	18
		NACOL 18-98 RSPO-MB	18
		NACOL 18 DO RSPO-MB	18
Synthetic Wax	TITANEL.....	40	
T	Tetradecyloctadecanol	ISOFOL 32	22
	Tri-C12-13 Alkyl Citrate	COSMACOL ECI.....	16
	Tri-C14-15 Alkyl Citrate	COSMACOL ECL	16
	Trideceth-2	NOVEL TDA-2	30
	Trideceth-3	MARLIPAL 013/30.....	32
		MARLOSOL TA 30	32
		MULTISO 13/30	32
		NOVEL TDA-3	32
		TRIDAC ISO 3.....	32
	Trideceth-4	MARLIPAL 013/40.....	32
		NOVEL TDA-4	32
	Trideceth-5	MARLIPAL 013/50.....	32
		MARLOSOL TA 50	32
		MULTISO 13/50	32

Register of INCI Names

INCI name	Trademark/product name	Page
	NOVEL TDA-5	32
	TRIDAC ISO 5.....	32
Trideceth-6	MARLIPAL 013/60.....	32
	MARLIPAL 013/69.....	32
	MARLOSOL TA 60	32
	MULTISO 13/60	32
	NOVEL TDA-6	32
	TRIDAC ISO 6.....	32
Trideceth-7	MARLIPAL 013/70	32
	MARLIPAL 013/79	32
	MARLOSOL TA 70.....	32
	MULTISO 13/70.....	32
	NOVEL TDA-7	32
Trideceth-8	MARLIPAL 013/80	32
	MARLIPAL 013/89.....	32
	MARLOSOL TA 80	32
	MULTISO 13/80	32
	MULTISO 13/89	32
	NOVEL TDA-8	32
	TRIDAC ISO 8	32
Trideceth-9	MARLIPAL 013/90.....	32
	MARLIPAL 013/99.....	32
	MARLOSOL TA 90	32
	MULTISO 13/90	32
	NOVEL TDA-9	32
	TRIDAC ISO 9.....	32
Trideceth-10	MARLIPAL 013/100	32
	MARLIPAL 013/109	32
	MULTISO 13/100.....	32
	NOVEL TDA-10	32
Trideceth-11	MULTISO 13/110.....	32
Trideceth-12	MARLIPAL 013/120	32
	MARLIPAL 013/129.....	32
	MULTISO 13/120	32
	NOVEL TDA-12.....	32
	TRIDAC ISO 12	32
Trideceth-20	NOVEL TDA-20.....	34
	TRIDAC ISO 20	34
Trideceth-30	NOVEL TDA-30.....	34
	TRIDAC ISO 30	34
Trideceth-40	NOVEL TDA-40.....	34
	TRIDAC ISO 40	34
Trideceth-50	NOVEL TDA-50.....	34
	TRIDAC ISO 50	34
Triethanolamine	TEA pure, cosmetic	40
Triisopropanolamine	TIPA pure, cosmetic	40

Register of INCI Names

	INCI name	Trademark/product name	Page
U	Undeceth-3	LIALET 111-3.....	34
	Undeceth-5	LIALET 111-5.5.....	34
	Undeceth-7	LIALET 111-7.....	34
	Undeceth-8	LIALET 111-8.....	34
	Undecyl Alcohol	ALCHEM 11-96.....	18
			ALCHEM 11-99.....

Tables



1. Fats and Oils/Esters

Special Esters

INCI name	Product	Chemical description
C12-15 Alkyl Benzoate	COSMACOL EBL	Monobranched alkyl benzoate
C12-13 Alkyl Lactate	COSMACOL ELI	Monobranched alkyl lactate
Di-C12-13 Alkyl Malate	COSMACOL EMI	Monobranched di-alkyl malate
PEG-7 Glyceryl Cocoate	MARLOWET COE 329	PEG-7 glyceryl cocoate
Tri-C12-13 Alkyl Citrate	COSMACOL ECI	Monobranched tri-alkyl citrate
Tri-C14-15 Alkyl Citrate	COSMACOL ECL	Linear tri-alkyl citrate

Castor Oil Derivatives

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

Others

INCI name	Product	Chemical description
PPG-15 Stearyl Ether	MARLOSOL ST 9150 P	Stearyl alcohol polypropylene glycol ether

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	Europe
Liquid	Personal care: body odor reducing agent in antiperspirants/deodorants; thickening agent and cocamide DEA replacer; mild agent. Skin care: moisturizing emollient, mild keratolytic, pigment dispersing and wetting agent	Europe
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	Europe
Liquid	Solubilizer for shampoos, shower gels and bath foam formulations; co-emulsifier for O/W-emulsions, creams and lotions	Europe
Liquid	Emollient for dermal care, O/W-creams and lotions; spreading agent for lipsticks and make-ups; excellent sunscreen carrier	Europe
Flakes	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	Europe

Form supplied	Properties/typical application areas	Production site
Liquid	Emulsifier for oils	Europe

Form supplied	Properties/typical application areas	Production site
Liquid	Polar emollient	Europe

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
Cetyl Alcohol	ALFOL 16	1-hexadecanol
	NACOL 16-95	1-hexadecanol
	NACOL 16-98 RSPO-MB	1-hexadecanol
Decyl Alcohol	ALFOL 10	1-decanol
Hexyl Alcohol	ALFOL 6	1-hexanol
Lauryl Alcohol	ALFOL 12	1-dodecanol
Myristyl Alcohol	ALFOL 14	1-tetradecanol
	NACOL 14-95	1-tetradecanol
Stearyl Alcohol	ALFOL 18	1-octadecanol
	NACOL 18 DO RSPO-MB	1-octadecanol
	NACOL 18-98 RSPO-MB	1-octadecanol
	NACOL 18-96 RSPO-MB	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 agent, emulsion stabilizer	Europe
Pastilles	Viscosity increasing agent, emulsion stabilizer, binder; used in hair conditioners, skin care preparations, make-up preparations, colour cosmetics, cleansing products	Europe
Liquid	Fragrance ingredient	USA
Pastilles	Emulsion stabilizer, viscosity increasing agent, fragrance ingredient; used in hair dyes and colours, moisturizing preparations, shaving preparations, cleansing products	Europe
Pastilles		Europe
Pastilles		Europe
Liquid	Fragrance ingredient	USA
Liquid	Antifoaming agent, fragrance ingredient, solvent, viscosity decreasing agent	USA
Liquid	Emulsion stabilizer, viscosity increasing agent, fragrance ingredient; used in shampoos, conditioners, hair dyes	USA
Solid	Emulsion stabilizer, viscosity increasing agent, fragrance ingredient; used in hair dyes and colours, moisturizing preparations, shaving preparations, cleansing products	USA
Pastilles		Europe
Pastilles		USA
Pastilles		Europe
Pastilles		Europe
Pastilles		Europe
Liquid	Thickening agent for personal care cleansing formulations, raw material for fragrances	Europe
Liquid		Europe

Blends

INCI name	Product	Chemical description
Behenyl Alcohol	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)
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 (60:40)
	NAFOL 2022 E	Mixture of 1-eicosanol, 1-docosanol (20:80)
	NAFOL 2022 EN	Mixture of 1-eicosanol, 1-docosanol (65:35)
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 EN RSPO-MB	Mixture of 1-hexadecanol and 1-octadecanol (50:50)
	NAFOL 1618 ES	Mixture of 1-hexadecanol and 1-octadecanol (50:50)
	NAFOL 1618 H RSPO-MB	Mixture of 1-hexadecanol and 1-octadecanol (50:50)
	NAFOL 1618 JA RSPO-MB	Mixture of 1-hexadecanol and 1-octadecanol (50:50)
	NAFOL 1618 S RSPO-MB	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	
Pastilles	Viscosity increasing agent, emulsion stabilizer, binder; used in hair conditioners, skin care preparations, make-up preparations ,	Europe	
Pastilles	colour cosmetics, cleansing product	Europe	
Solid	Intermediate for the production of emollients and surfactants; ALCHEM grades: emulsion stabilizers , ISALCHEM and LIAL grades: light emollients	Europe	
Liquid		Europe	
Liquid		Europe	
Solid		Europe	
Liquid		Europe	
Liquid		Europe	
Liquid		Europe	
Solid			
Liquid		Light emollient for skin care creams and lotions; dispersing agent for make-up	Europe
Liquid	Intermediate for the production of emollients and surfactants	Europe	
Pastilles	Viscosity increasing agent, emulsion stabilizer, binder; used in hair conditioners, skin care preparations, make-up preparations, colour cosmetics, cleansing products	Europe	
Solid	Emulsion stabilizer, viscosity increasing agent, co-emulsifier, opacifying agent	USA	
Solid		USA	
Pastilles		USA	
Pastilles		USA	
Pastilles		Europe	
Pastilles		Europe	
Pastilles		Europe	
Pastilles		Europe	
Pastilles		Europe	
Pastilles		Europe	
Pastilles		Europe	
Liquid		Skin conditioning agent	USA

Monobranched Guerbet Alcohols

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

3. Petrolatum

INCI name	Product	Chemical description	Form supplied
Petrolatum	VARA A	Pharmaceutical petroleum jelly, white Ph. Eur.	Drum: paste
	VARA AB	Pharmaceutical petroleum jelly, white Ph. Eur.	Bulk: liquid or drum: paste
	VARA 4800	Pharmaceutical petroleum jelly, white Ph. Eur.	Bulk: liquid or drum: paste
	MERKUR 110	Pharmaceutical petroleum jelly, white Ph. Eur.	Bulk: liquid or drum: paste
	MERKUR 500	Pharmaceutical petroleum jelly, white Ph. Eur.	Bulk: liquid or drum: paste
	MERKUR 500 USP	Pharmaceutical petroleum jelly, white Ph. Eur./USP	Bulk: liquid or drum: paste
	MERKUR 546	Pharmaceutical petroleum jelly, white Ph. Eur.	Bulk: liquid or drum: paste
	MERKUR 620	Pharmaceutical petroleum jelly, yellow*	Bulk: liquid or drum: paste
	MERKUR 670	Pharmaceutical petroleum jelly, yellow*	Drum: paste
	MERKUR 773	Pharmaceutical petroleum jelly, white Ph. Eur.	Bulk: liquid or drum: paste
	MERKUR 774	Pharmaceutical petroleum jelly, white Ph. Eur.	Bulk: liquid or drum: paste

* Dyed with a vegetable food grade colorant. The basic white petroleum jelly is fully compliant to Ph. Eur.

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

Cone penetration at 25 °C [mm/10]	Properties/typical application areas	Production site
195 – 245	Ointment-like, nearly odorless, homogeneous mixtures of high-purity; hydrogenated; predominantly saturated hydrocarbons; snow-white, off-white or yellow; pharmaceutical qualities; base material for eye creams, ointments and hair care agents as well as the main constituent of skin care creams; applicable for baby care, hand-cleaning pastes, body lotions, hand and skin creams as well as eye make-up	Europe
165 – 185		Europe
155 – 175		Europe
170 – 190		Europe
140 – 160		Europe
140 – 160		Europe
95 – 120		Europe
150 – 175		Europe
165 – 185		Europe
155 – 175		Europe
190 – 210		Europe

4. Paraffin Waxes

Soft Waxes

INCI name	Product	Chemical description	Form supplied	Congealing point [°C]
Paraffin	SASOLWAX 4610	Soft paraffin wax	Slab	45 – 49
	SASOLWAX 5009	Soft paraffin wax	Slab	50 – 52
	SASOLWAX 8021	Soft paraffin wax	Slab	44 – 48

Hard Waxes

INCI name	Product	Chemical description	Form supplied	Congealing point [°C]
Paraffin	SASOLWAX 5203	Hard paraffin wax	Slab or pastilles	52 – 54
	SASOLWAX 5603	Hard paraffin wax	Slab or pastilles	56 – 58
	SASOLWAX 5803	Hard paraffin wax	Slab, pastilles or powder	58 – 60

Microcrystalline Waxes

INCI name	Product	Chemical description	Form supplied	Congealing point [°C]
Microcrystalline Wax	SASOLWAX 0907	Microcrystalline wax	Pastilles	83 – 94
	SASOLWAX 1800	Microcrystalline wax	Bulk: liquid, slab or pastilles	70 – 80
	SASOLWAX 3971	Microcrystalline wax	Bulk: liquid or slab	70 – 75
	SASOLWAX 7835	Microcrystalline wax	Bulk: liquid or slab	70 – 80

Ceresins

INCI name	Product	Chemical description	Form supplied	Congealing point [°C]
Ceresin	SASOLWAX 3977	Blend of microcrystalline wax and hard paraffin wax	Slab or pastilles	69 – 72
	SASOLWAX 6403	Blend of microcrystalline wax and hard paraffin wax	Slab or pastilles	62 – 66

Needle penetration at 25°C [mm/10]	Properties/typical application areas	Production site
40–80	Consistency regulator; applicable e.g. for creams, lotions, soft lip care products, depilatory waxes, fango treatment products, thermotherapy as well as hand baths	Europe
40–60		Europe
60–100		Europe

Needle penetration at 25°C [mm/10]	Properties/typical application areas	Production site
16–20	Improves oil binding and used as consistency regulator in skin care products as well as conditioner in hair styling products; applicable for lipsticks, creams, lotions, and make-up	Europe
15–19		Europe
15–19		Europe

Needle penetration at 25°C [mm/10]	Properties/typical application areas	Production site
4–10	Hard but smooth and ductile grease component with low crystalline characteristic; can be used without restriction as base material for lip care products as well as for other foodstuff applications since it corresponds to the Cosmetics Europe recommendation; improves oil binding properties and stability; adapts hardness of preparation; adds structure and hardness to lip balm sticks and other products in stick form	Europe
18–22		Europe
25–33		Europe
25–30		Europe

Needle penetration at 25°C [mm/10]	Properties/typical application areas	Production site
14–18	Improves oil binding and stability of emulsions; Viscosity and consistency regulation.	Europe
16–22		Europe

5. Paraffins, Single Cuts

INCI name	Product	Chemical description	Form supplied
Docosane	PARAFOL 22-95	Docosane	Solid
Dodecane	PARAFOL 12 RSPO-MB	Dodecane	Liquid
Tetradecane	PARAFOL 14 RSPO-MB	Tetradecane	Liquid

6. Polyethylene Glycols

INCI name	Product	Chemical description	Form supplied
PEG-6	LIPOXOL 300 MED	Polyethylene glycol 300	Liquid
PEG-8	LIPOXOL 400 MED	Polyethylene glycol 400	Liquid
PEG-12	LIPOXOL 600 MED	Polyethylene glycol 600	Liquid
PEG-20	LIPOXOL 1000 MED	Polyethylene glycol 1000	Solid
PEG-32	LIPOXOL 1500 MED	Polyethylene glycol 1500	Flakes or solid (in drums)
PEG-60	LIPOXOL 3000 MED	Polyethylene glycol 3000	Powder or flakes
PEG-75	LIPOXOL 3350 MED	Polyethylene glycol 3350	Powder or flakes
PEG-90	LIPOXOL 4000 MED	Polyethylene glycol 4000	Powder or flakes
PEG-150	LIPOXOL 6000 MED	Polyethylene glycol 6000	Powder or flakes
PEG-180	LIPOXOL 8000 MED	Polyethylene glycol 8000	Powder or flakes

Properties/typical application areas	Production site
Natural based emollient with sharp melting profile and hydrophobic properties, suitable for a wide pH range; in combination with PARAFOL 12 RSPO-MB secondary conditioning agent in silicone free haircare formulations, viscosity and texture improver	Europe
Natural based very light and highly spreading emollient, alternative to cyclopentasiloxane	Europe
Natural based very light and highly spreading emollient, alternative to isohexadecane	Europe

Solidification range [°C]	Properties	Production site
-20--10	Moisturizing, solubilizing and viscosity adjusting agent for cosmetics, personal care products and toothpastes. The LIPOXOL MED-grades comply with the demands of the pharmacopoeia Ph. Eur. and USP/NF.	Europe
4-8		Europe
15-25		Europe
35-40		Europe
42-48		Europe
50-56		Europe
53-57		Europe
53-58		Europe
55-61		Europe
55-62		Europe

7. Surfactants, Nonionic

Alcohol Ethoxylates

INCI name	Product	Chemical description	Form supplied [% by wt.]
Beheneth-4	NOVEL 22-4	C ₂₂ -alcohol polyethylene glycol ether (4 EO)	Solid
Beheneth-25	NOVEL 22-25	C ₂₂ -alcohol polyethylene glycol ether (25 EO)	Solid
C12-13 Pareth-2	NOVEL 23 E 2	C ₁₂ -C ₁₃ -alcohol polyethylene glycol ether (2 EO)	Liquid
	SAFOL 23 E 2	C ₁₂ -C ₁₃ -alcohol polyethylene glycol ether (2 EO)	Liquid
C12-13 Pareth-3	SAFOL 23 E 3	C ₁₂ -C ₁₃ -alcohol polyethylene glycol ether (3 EO)	Liquid
	NOVEL 23 E 3	C ₁₂ -C ₁₃ -alcohol polyethylene glycol ether (3 EO)	Liquid
C12-13 Pareth-4	SAFOL 23 E 4	C ₁₂ -C ₁₃ -alcohol polyethylene glycol ether (4 EO)	Liquid
C12-13 Pareth-5	SAFOL 23 E 5	C ₁₂ -C ₁₃ -alcohol polyethylene glycol ether (5 EO)	Liquid
C12-13 Pareth-6	NOVEL 23 E 6.5	C ₁₂ -C ₁₃ -alcohol polyethylene glycol ether (6.5 EO)	Liquid
	SAFOL 23 E 6	C ₁₂ -C ₁₃ -alcohol polyethylene glycol ether (6 EO)	Liquid
	SAFOL 23 E 6.5	C ₁₂ -C ₁₃ -alcohol polyethylene glycol ether (6.5 EO)	Liquid
C12-13 Pareth-7	NOVEL 23 E 7	C ₁₂ -C ₁₃ -alcohol polyethylene glycol ether (7 EO)	Liquid
	SAFOL 23 E 7	C ₁₂ -C ₁₃ -alcohol polyethylene glycol ether (7 EO)	Liquid
C12-13 Pareth-9	COSMACOL N II-9	C ₁₂ -C ₁₃ -alcohol polyethylene glycol ether (9 EO)	Liquid
	NOVEL 23 E 9	C ₁₂ -C ₁₃ -alcohol polyethylene glycol ether (9 EO)	Liquid
	SAFOL 23 E 9	C ₁₂ -C ₁₃ -alcohol polyethylene glycol ether (9 EO)	Solid
C12-13 Pareth-30	NOVEL 23 E 30	C ₁₂ -C ₁₃ -alcohol polyethylene glycol ether (30 EO)	Pastilles
C12-13 Pareth-100	NOVEL 23 E 100	C ₁₂ -C ₁₃ -alcohol polyethylene glycol ether (100 EO)	Pastilles
C12-13 Pareth-150	NOVEL 23 E 150	C ₁₂ -C ₁₃ -alcohol polyethylene glycol ether (150 EO)	Pastilles
Ceteareth-11	MARLIPAL 1618/11	C ₁₆ -C ₁₈ -alcohol polyethylene glycol ether (11 EO)	Solid
Ceteareth-15	EMULDAC AS 18	C ₁₆ -C ₁₈ -alcohol polyethylene glycol ether (15 EO)	Solid
Ceteareth-20	GALENOL 2100	C ₁₆ -C ₁₈ -alcohol polyethylene glycol ether (20 EO)	Flakes or pastilles
Ceteareth-25	EMULDAC AS 25	C ₁₆ -C ₁₈ -alcohol polyethylene glycol ether (25 EO)	Flakes
	NOVEL 1618 CG-25	C ₁₆ -C ₁₈ -alcohol polyethylene glycol ether (25 EO)	Pastilles
Ceteareth-30	GALENOL 2800	C ₁₆ -C ₁₈ -alcohol polyethylene glycol ether (30 EO)	Flakes or pastilles
Ceteareth-80	EMULDAC AS 80	C ₁₆ -C ₁₈ -alcohol polyethylene glycol ether (80 EO)	Powder
	NOVEL 1618-80	C ₁₆ -C ₁₈ -alcohol polyethylene glycol ether (80 EO)	Solid
Ceteth-3	NOVEL 16-3	C ₁₆ -alcohol polyethylene glycol ether (3 EO)	Liquid
Ceteth-20	NOVEL 16-20	C ₁₆ -alcohol polyethylene glycol ether (20 EO)	Solid
Cetoleth-25	MARLIPAL SU	Oleyl alcohol polyethylene glycol ether (25 EO)	Solid
Deceth-5	NOVEL 810-4.5	C ₈ -C ₁₀ -alcohol polyethylene glycol ether (5 EO)	Liquid
Deceth-6	NOVEL 1012-6	C ₁₀ -C ₁₂ -alcohol polyethylene glycol ether (6 EO)	Liquid

Active content	Properties/typical application areas	Production site
100	Emulsifier; applicable for all kinds of liquid personal cleansing products	USA
100	Water-soluble emulsifier; applicable for all kinds of liquid personal cleansing products	USA
100		USA
100		China
100	Emulsifier; applicable for all kinds of liquid personal cleansing products	China, Europe, USA
100		China, Europe, USA
100		USA
100		China, Europe, USA
100		USA
100		USA
100		Europe
100		USA
100		China, Europe, USA
100	Solubiliser for fragrances and essential oils, emulsifier	Europe, China
100	Water-soluble emulsifier; applicable for all kinds of liquid personal cleansing products	USA
100		China, Europe, USA
100		USA
100		USA
150		USA
100	Emulsifier, improves consistency	Europe
100		Europe
100		USA
100		Europe
100		USA
100		USA
100	Water-soluble emulsifier; applicable for all kinds of liquid personal cleansing products	China
100		USA
100	Emulsifier	USA
100	Emulsifier, improves consistency	USA
100	Plasticizer in bar soaps; yields a fine pored foam	Europe
100	Emulsifier	USA
100		USA

INCI name	Product	Chemical description	Form supplied [% by wt.]
Laureth-2	AEO 2-24 Z	C ₁₂ -C ₁₄ -alcohol polyethylene glycol ether (2 EO)	Liquid
	ALFONIC 1216 CO-2	C ₁₂ -C ₁₆ -alcohol polyethylene glycol ether (2 EO)	Liquid
	ALFONIC 1216 CO-3	C ₁₂ -C ₁₆ -alcohol polyethylene glycol ether (3 EO)	Liquid
	LORODAC 2-24	C ₁₂ -C ₁₄ -alcohol polyethylene glycol ether (2 EO)	Liquid
	MARLIPAL 24/20	C ₁₂ -C ₁₄ -alcohol polyethylene glycol ether (2 EO)	Liquid
	NOVEL 1216 CO-2	C ₁₂ -C ₁₆ -alcohol polyethylene glycol ether (2 EO)	Liquid
	NOVEL 1412-2	C ₁₂ -C ₁₄ -alcohol polyethylene glycol ether (2 EO)	Liquid
	NOVEL 1214 GC-2	C ₁₂ -C ₁₄ -alcohol polyethylene glycol ether (2 EO)	Liquid
	NOVEL 1216 CO-3	C ₁₂ -C ₁₆ -alcohol polyethylene glycol ether (3 EO)	Liquid
Laureth-3	AEO 3-24 Z	C ₁₂ -C ₁₄ -alcohol polyethylene glycol ether (3 EO)	Liquid
	NOVEL 1412-3	C ₁₂ -C ₁₄ -alcohol polyethylene glycol ether (3 EO)	Liquid
	LORODAC 3-24	C ₁₂ -C ₁₄ -alcohol polyethylene glycol ether (3 EO)	Liquid
	MARLIPAL 24/30	C ₁₂ -C ₁₄ -alcohol polyethylene glycol ether (3 EO)	Liquid
Laureth-4	AEO 4-24 Z	C ₁₂ -C ₁₄ -alcohol polyethylene glycol ether (4 EO)	Liquid
	LORODAC 4-24	C ₁₂ -C ₁₃ -alcohol polyethylene glycol ether (4 EO)	Liquid
	MARLIPAL 24/40	C ₁₂ -C ₁₃ -alcohol polyethylene glycol ether (4 EO)	Liquid
	MARLOSOL PK 9040	C ₁₂ -C ₁₄ -alcohol polyethylene glycol ether (4 EO)	Liquid
Laureth-5	AEO 5-24 Z	C ₁₂ -C ₁₄ -alcohol polyethylene glycol ether (5 EO)	Liquid
	MARLIPAL 24/50	C ₁₂ -C ₁₄ -alcohol polyethylene glycol ether (5 EO)	Liquid
Laureth-6	AEO 6-24 Z	C ₁₂ -C ₁₄ -alcohol polyethylene glycol ether (6 EO)	Liquid
	LORODAC 6-24	C ₁₂ -C ₁₄ -alcohol polyethylene glycol ether (6 EO)	Liquid
	MARLIPAL 24/60	C ₁₂ -C ₁₄ -alcohol polyethylene glycol ether (6 EO)	Liquid
Laureth-7	AEO 7-24 Z	C ₁₂ -C ₁₄ -alcohol polyethylene glycol ether (7 EO)	Liquid to paste
	LORODAC 7-24	C ₁₂ -C ₁₄ -alcohol polyethylene glycol ether (7 EO)	Paste
	MARLIPAL 24/70	C ₁₂ -C ₁₄ -alcohol polyethylene glycol ether (7 EO)	Liquid
	MARLIPAL 24/79	C ₁₂ -C ₁₄ -alcohol polyethylene glycol ether (7 EO)	Liquid
	NOVEL 1216 CO-7	C ₁₂ -C ₁₆ -alcohol polyethylene glycol ether (7 EO)	Liquid
	NOVEL 1412-7	C ₁₂ -C ₁₄ -alcohol polyethylene glycol ether (7 EO)	Liquid
Laureth-9	AEO 9-24 Z	C ₁₂ -C ₁₄ -alcohol polyethylene glycol ether (9 EO)	Liquid
	LORODAC 9-24	C ₁₂ -C ₁₄ -alcohol polyethylene glycol ether (9 EO)	Solid
	MARLIPAL 24/90	C ₁₂ -C ₁₄ -alcohol polyethylene glycol ether (9 EO)	Paste to solid
	MARLIPAL 24/99	C ₁₂ -C ₁₄ -alcohol polyethylene glycol ether (9 EO)	Liquid
	NOVEL 1412-9	C ₁₂ -C ₁₄ -alcohol polyethylene glycol ether (9 EO)	Solid
Laureth-10	AEO 10-24 Z	C ₁₂ -C ₁₄ -alcohol polyethylene glycol ether (10 EO)	Solid
	LORODAC 10-24	C ₁₂ -C ₁₄ -alcohol polyethylene glycol ether (10 EO)	Solid
	MARLIPAL 24/100	C ₁₂ -C ₁₄ -alcohol polyethylene glycol ether (10 EO)	Solid
Laureth-23	NOVEL 12-23	C ₁₂ -alcohol polyethylene glycol ether (23 EO)	Solid
Oleth-2	EMULGANTE CO-2	Oleyl alcohol polyethylene glycol (2 EO)	Liquid
Oleth-5	EMULGANTE CO-5	Oleyl alcohol polyethylene glycol (5 EO)	Liquid
Steareth-20	NOVEL 18-20	C ₁₈ -alcohol polyethylene glycol ether (20 EO)	Solid
Trideceth-2	NOVEL TDA-2	C ₁₃ -alcohol polyethylene glycol ether (2 EO)	Liquid

Active content	Properties/typical application areas	Production site
100	Emulsifier, good thickener for alkylethersulfate based formulations; applicable for all kinds of liquid personal cleansing products	China
100		USA
100		USA
100		Europe
100		Europe
100		USA
100		USA
100		USA
100		USA
100	Emulsifier; applicable for all kinds of liquid personal cleansing products	China
100		USA
100		Europe
100		USA
100		China
100		Europe
100	Europe	
100	For waterfree shower oils, mild odour	Europe
100	Emulsifier; applicable for all kinds of liquid personal cleansing products	China
100		Europe
100		China
100		Europe
100		Europe
100	Water-soluble emulsifier; applicable for all kinds of liquid personal cleansing products	China
100		Europe
100		Europe
90		Europe
100		USA
100		USA
100		China
100		Europe
100		Europe
90		Europe
100		USA
100		China
100		Europe
100		Europe
100		USA
100		USA
100		Oil-soluble emulsifier for W/O emulsions, stabilizer for O/W emulsions
100	Europe	
100	Emulsifier, improves consistency	USA
100	Emulsifier; applicable for all kinds of liquid personal cleansing products	USA

INCI name	Product	Chemical description	Form supplied [% by wt.]
Trideceth-3	MARLIPAL O13/30	C ₁₃ -alcohol polyethylene glycol ether (3 EO)	Liquid
	MARLOSOL TA 30	C ₁₃ -alcohol polyethylene glycol ether (3 EO)	Liquid
	MULTISO 13/30	C ₁₃ -alcohol polyethylene glycol ether (3 EO)	Liquid
	NOVEL TDA-3	C ₁₃ -alcohol polyethylene glycol ether (3 EO)	Liquid
	TRIDAC ISO 3	C ₁₃ -alcohol polyethylene glycol ether (3 EO)	Liquid
Trideceth-4	MARLIPAL O13/40	C ₁₃ -alcohol polyethylene glycol ether (4 EO)	Liquid
	NOVEL TDA-4	C ₁₃ -alcohol polyethylene glycol ether (4 EO)	Liquid
Trideceth-5	MARLIPAL O13/50	C ₁₃ -alcohol polyethylene glycol ether (5 EO)	Liquid
	MARLOSOL TA 50	C ₁₃ -alcohol polyethylene glycol ether (5 EO)	Liquid
	MULTISO 13/50	C ₁₃ -alcohol polyethylene glycol ether (5 EO)	Liquid
	NOVEL TDA-5	C ₁₃ -alcohol polyethylene glycol ether (5 EO)	Liquid
	TRIDAC ISO 5	C ₁₃ -alcohol polyethylene glycol ether (5 EO)	Liquid
Trideceth-6	MARLIPAL O13/60	C ₁₃ -alcohol polyethylene glycol ether (6 EO)	Liquid
	MARLIPAL O13/69	C ₁₃ -alcohol polyethylene glycol ether (6 EO)	Liquid
	MARLOSOL TA 60	C ₁₃ -alcohol polyethylene glycol ether (6 EO)	Liquid
	MULTISO 13/60	C ₁₃ -alcohol polyethylene glycol ether (6 EO)	Liquid
	NOVEL TDA-6	C ₁₃ -alcohol polyethylene glycol ether (6 EO)	Liquid
	TRIDAC ISO 6	C ₁₃ -alcohol polyethylene glycol ether (6 EO)	Liquid
Trideceth-7	MARLIPAL O13/70	C ₁₃ -alcohol polyethylene glycol ether (7 EO)	Liquid
	MARLIPAL O13/79	C ₁₃ -alcohol polyethylene glycol ether (7 EO)	Liquid
	MARLOSOL TA 70	C ₁₃ -alcohol polyethylene glycol ether (7 EO)	Liquid
	MULTISO 13/70	C ₁₃ -alcohol polyethylene glycol ether (7 EO)	Liquid
	NOVEL TDA-7	C ₁₃ -alcohol polyethylene glycol ether (7 EO)	Liquid
Trideceth-8	MARLIPAL O13/80	C ₁₃ -alcohol polyethylene glycol ether (8 EO)	Liquid
	MARLIPAL O13/89	C ₁₃ -alcohol polyethylene glycol ether (8 EO)	Liquid
	MARLOSOL TA 80	C ₁₃ -alcohol polyethylene glycol ether (8 EO)	Liquid
	MULTISO 13/80	C ₁₃ -alcohol polyethylene glycol ether (8 EO)	Liquid
	MULTISO 13/89	C ₁₃ -alcohol polyethylene glycol ether (8 EO)	Liquid
	NOVEL TDA-8	C ₁₃ -alcohol polyethylene glycol ether (8 EO)	Liquid
	TRIDAC ISO 8	C ₁₃ -alcohol polyethylene glycol ether (8 EO)	Liquid
Trideceth-9	MARLIPAL O13/90	C ₁₃ -alcohol polyethylene glycol ether (9 EO)	Liquid
	MARLIPAL O13/99	C ₁₃ -alcohol polyethylene glycol ether (9 EO)	Liquid
	MARLOSOL TA 90	C ₁₃ -alcohol polyethylene glycol ether (9 EO)	Liquid
	MULTISO 13/90	C ₁₃ -alcohol polyethylene glycol ether (9 EO)	Liquid
	NOVEL TDA-9	C ₁₃ -alcohol polyethylene glycol ether (9 EO)	Liquid
	TRIDAC ISO 9	C ₁₃ -alcohol polyethylene glycol ether (9 EO)	Liquid
Trideceth-10	MARLIPAL O13/100	C ₁₃ -alcohol polyethylene glycol ether (10 EO)	Liquid
	MARLIPAL O13/109	C ₁₃ -alcohol polyethylene glycol ether (10 EO)	Liquid
	MULTISO 13/100	C ₁₃ -alcohol polyethylene glycol ether (10 EO)	Liquid
	NOVEL TDA-10	C ₁₃ -alcohol polyethylene glycol ether (10 EO)	Liquid
Trideceth-11	MULTISO 13/110	C ₁₃ -alcohol polyethylene glycol ether (11 EO)	Solid
Trideceth-12	MARLIPAL O13/120	C ₁₃ -alcohol polyethylene glycol ether (12 EO)	Liquid to paste
	MARLIPAL O13/129	C ₁₃ -alcohol polyethylene glycol ether (12 EO)	Liquid
	MULTISO 13/120	C ₁₃ -alcohol polyethylene glycol ether (12 EO)	Liquid to paste
	NOVEL TDA-12	C ₁₃ -alcohol polyethylene glycol ether (12 EO)	Liquid

Active content	Properties/typical application areas	Production site
100	Emulsifier; applicable for all kinds of liquid personal cleansing products	Europe
100		China
100		China
100		USA
100		Europe
100		Europe
100		USA
100		Europe
100		China
100		China
100		USA
100		Europe
100		Emulsifier; applicable for all kinds of liquid personal cleansing products
90	Europe	
100	China	
100	China	
100	USA	
100	Europe	
100	Water-soluble emulsifier; applicable for all kinds of liquid personal cleansing products	Europe
90		Europe
100		China
100		China
100		USA
100	Water-soluble emulsifier; applicable for all kinds of liquid personal cleansing products	Europe
90		Europe
100		China
100		China
90		China
100		USA
100		Europe
100		Europe
90		Europe
100		China
100		China
100		USA
100		Europe
100		Europe
90		Europe
100		China
100		USA
100		China
100		Europe
90		Europe
100		China
100	USA	

INCI name	Product	Chemical description	Form supplied [% by wt.]
	TRIDAC ISO 12	C ₁₃ -alcohol polyethylene glycol ether (12 EO)	Liquid
Trideceth-20	NOVEL TDA-20	C ₁₃ -alcohol polyethylene glycol ether (20 EO)	Solid
	TRIDAC ISO 20	C ₁₃ -alcohol polyethylene glycol ether (20 EO)	Solid
Trideceth-30	NOVEL TDA-30	C ₁₃ -alcohol polyethylene glycol ether (30 EO)	Solid
	TRIDAC ISO 30	C ₁₃ -alcohol polyethylene glycol ether (30 EO)	Solid
Trideceth-40	NOVEL TDA-40	C ₁₃ -alcohol polyethylene glycol ether (40 EO)	Solid
	TRIDAC ISO 40	C ₁₃ -alcohol polyethylene glycol ether (40 EO)	Solid
Trideceth-50	NOVEL TDA-50	C ₁₃ -alcohol polyethylene glycol ether (50 EO)	Solid
	TRIDAC ISO 50	C ₁₃ -alcohol polyethylene glycol ether (50 EO)	Solid
Trideceth-70	NOVEL TDA-70	C ₁₃ -alcohol polyethylene glycol ether (70 EO)	Solid
Trideceth-100	NOVEL TDA-100	C ₁₃ -alcohol polyethylene glycol ether (100 EO)	Solid
Trideceth-150	NOVEL TDA-150	C ₁₃ -alcohol polyethylene glycol ether (150 EO)	Pastilles
Undeceth-3	LIALET 111-3	C ₁₁ -alcohol polyethylene glycol ether (3 EO)	Liquid
Undeceth-5	LIALET 111-5.5	C ₁₁ -alcohol polyethylene glycol ether (5 EO)	Liquid
Undeceth-7	LIALET 111-7	C ₁₁ -alcohol polyethylene glycol ether (7 EO)	Paste
Undeceth-8	LIALET 111-8	C ₁₁ -alcohol polyethylene glycol ether (8 EO)	Paste

8. Surfactants, Anionic

Alcohol Sulfates

INCI name	Product	Chemical description
Ammonium Lauryl Sulfate	ALS 70	C ₁₂ -C ₁₄ -alcohol sulfate, ammonium-salt
	SAFOL 23 A 70	C ₁₂ -C ₁₃ -alcohol sulfate, ammonium-salt

Active content	Properties/typical application areas	Production site
100		Europe
100		USA
100		Europe
100		USA
100		Europe
100		USA
100		Europe
100		USA
100		Europe
100		USA
100		USA
100		USA
100	Oil-soluble emulsifier	Europe
100		Europe
100	Water-soluble emulsifier, applicable for any kind of liquid personal cleansing products	Europe
100		Europe

Form supplied	Active content [% by wt.]	Properties/typical application areas	Production site
Paste	70	Base surfactant exhibiting a high foaming power; for all kinds of liquid personal cleansing products	China
Paste	70		China

Alcohol Ether Sulfates

INCI name	Product	Chemical description
Ammonium Laureth Sulfate	AAES 370 N-II	C ₁₂ -C ₁₄ -alcohol polyethylene glycol ether (3 EO) sulfate, ammonium-salt
	AAES 370 ZN	C ₁₂ -C ₁₄ -alcohol polyethylene glycol ether (3 EO) sulfate, ammonium-salt
MIPA Laureth Sulfate (and) Propylene Glycol	MARLINAT 242/90 MC	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)
	AES 270 NII-Z	C ₁₂ -C ₁₄ -alcohol polyethylene glycol ether (2 EO)
	AES 270 N-II	C ₁₂ -C ₁₄ -alcohol polyethylene glycol ether (2 EO) sulfate, Na-salt
	AES 270 ZN	C ₁₂ -C ₁₄ -alcohol polyethylene glycol ether (2 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 B	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
	MARLINAT 242/70 C5	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	

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

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	China
Paste	70		China
Paste	70	Waterfree ethersulfate; base surfactant exhibiting a high foaming power; for waterfree shower oils and aqueous clear personal cleansing products including high amounts of oils	Europe
Paste	70		China
Paste	70	Base surfactant exhibiting a high foaming power; for all kinds of liquid personal cleansing products	China
Paste	70		China
Paste	70		China
Paste	70		China
Liquid	27		Europe
Liquid	27		Europe
Paste	70		Europe
Paste	70		Europe
Liquid	28		Europe
Liquid	28		Europe
Paste	70		Europe
Paste	70		Europe
Paste	70		Europe
Paste	70		China

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	Europe

9. Surfactants, Compounds

INCI name	Product	Chemical description
Sodium Laureth Sulfate (and) Cocamide MEA	TENSIODAC D50-M11	Mixture of Sodium Laureth Sulfate and Cocamide MEA

10. Gemini Compounds

INCI name	Product	Chemical description
Aqua (and) Caprylic/Capric Triglyceride (and) Glycerin (and) Cetareth-25 (and) Disodium Ethylene Dicapamate PEG-15 Disulfate (and) Citric Acid (and) Benzyl Alcohol (and) Ethylhexylglycerin (and) Tocopherol	CERALUTION CPE	Emulsion concentrate
Cetareth-25 (and) Disodium Ethylene Dicapamate PEG-15 Disulfate	CERALUTION ES RSPO-MB	O/W emulsifier
Behenyl Alcohol (and) Glyceryl Stearate (and) Glyceryl Stearate Citrate (and) Disodium Ethylene Dicapamate PEG-15 Disulfate	CERALUTION H RSPO-MB	O/W emulsifier

11. Dialkyl Ethers

INCI name	Product	Chemical description
Dicaprylyl Ether	COSMACOL OE	Dioctyl ether

Form supplied	Active content [% by wt.]	Properties/typical application areas	Production site
Liquid	60	Ready-to-use concentrated surfactant base for personal cleansing products.	Europe

Form supplied	Properties/typical application areas	Production site
Liquid	Self-emulsifying emulsion concentrate for sprays, wipes, lotions, creams; highly flexible and efficient – all oil polarities, high electrolyte tolerance	Europe
Solid	Emulsifier / Dispersant for O/W emulsion sprays	Europe
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 10, elegant silky skin feel; for lotions, creams and color cosmetics; ensures high filter efficiency in sunscreens	Europe

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	Europe

12. Synthetic Waxes

Synthetic Waxes

INCI name	Product	Chemical description	Form supplied	Melting point [°C]
Synthetic Wax	TITANEL	Synthetic wax	Pastilles or powder	79 – 84

13. Alkanolamines

INCI name	Product	Chemical description
Ethanolamine	MEA pure, cosmetic	Monoethanolamine
Monoisopropanolamine	MIPA pure, cosmetic	Monoisopropanolamine
Triethanolamine	TEA pure, cosmetic	Triethanolamine
Triisopropanolamine	TIPA pure, cosmetic	Triisopropanolamine

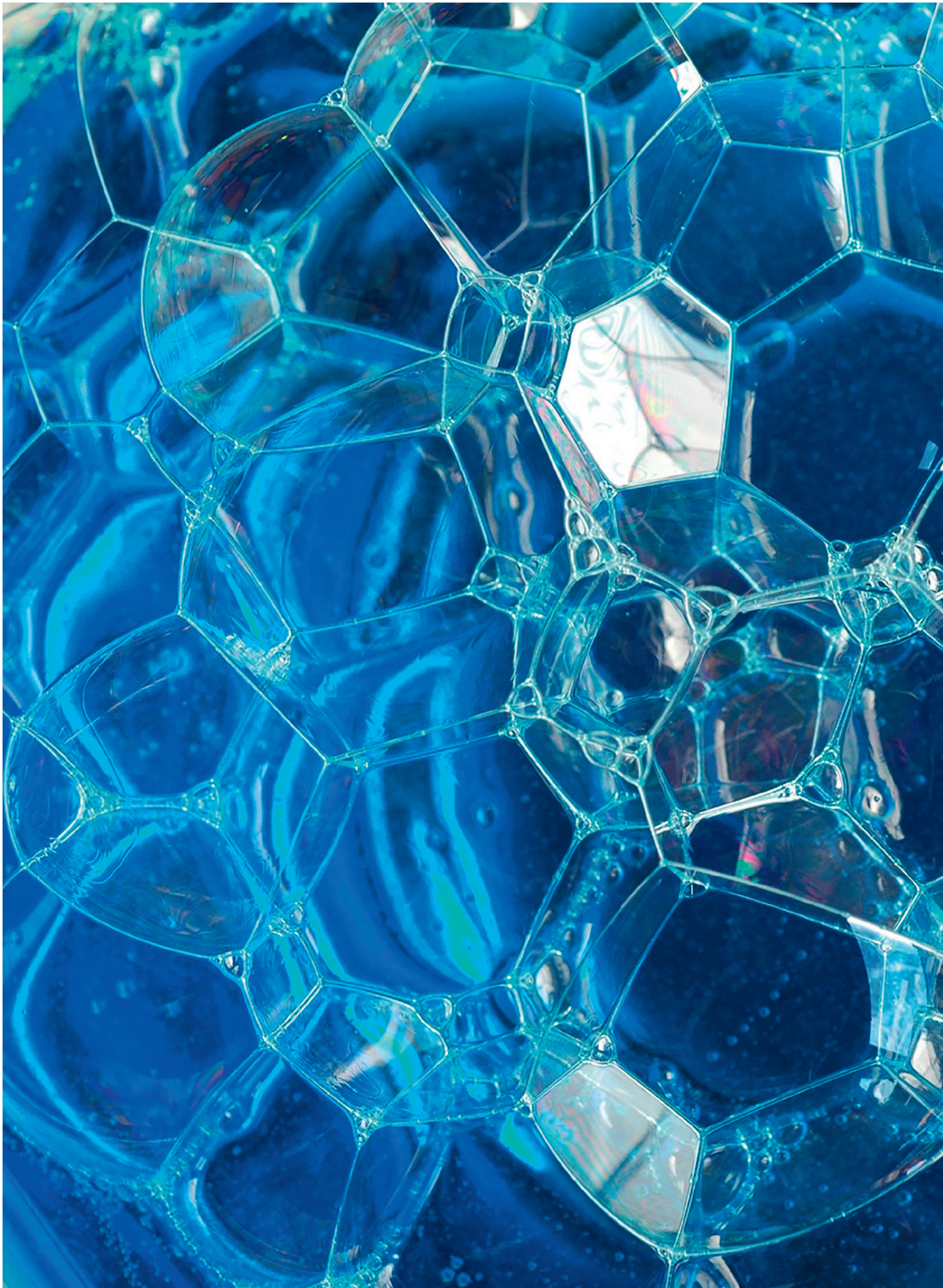
14. Selfemulsifying Waxes and Others

INCI name	Product	Chemical description
Butyloctanoic Acid	ISOCARB 12	2-Butyl octanoic acid
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)
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)
Sodium Laureth Sulfate (and) Glycol Distearate (and) Undeceth-10 (and) C12-13 Alkyl Lactate	COSMACOL PE 50	Mixture of sodium laureth sulfate, glycol distearate, undeceth-10 and C ₁₂₋₁₃ Alkyl Lactate

Properties/typical application areas	Production site
Innovative products based on natural gas; TITANEL is a hard synthetic wax with a high melting point, for the use i.e. in stick applications	South Africa

Form supplied	Properties/typical application areas	Production site
Liquid	Neutralisation agent	Europe
Liquid		Europe
Liquid		Europe
Solid		Europe

Form supplied	Properties/typical application areas	Production site
Liquid	Highly polar and medium spreading emollient, booster for AP/Deo formulations	Europe
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	Europe
Pastilles	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	Europe
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	USA
Paste	Pearlizing agent with foam boosting and thickening properties for shampoos, shower gels and bath foams	Europe



**Source reference**

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