



Personal Care

Catalog of products
2014

THE SOUL & SCIENCE OF BEAUTY

As a specialist in ingredients and concepts for effective skin, hair and body care products, Evonik Personal Care combines scientific excellence with passion. That means we always work according to the highest ethical and scientific principles – and we always put our hearts into our work.

That's what we call "The Soul & Science of Beauty". This approach has three aspects: foresight, responsibility, realization.

FORESIGHT.

Knowing what's next. By nature, it means identifying chances and investing resources now to achieve better results in the future. And creating innovative solutions that enable our customers to secure their competitiveness and generate lasting value.

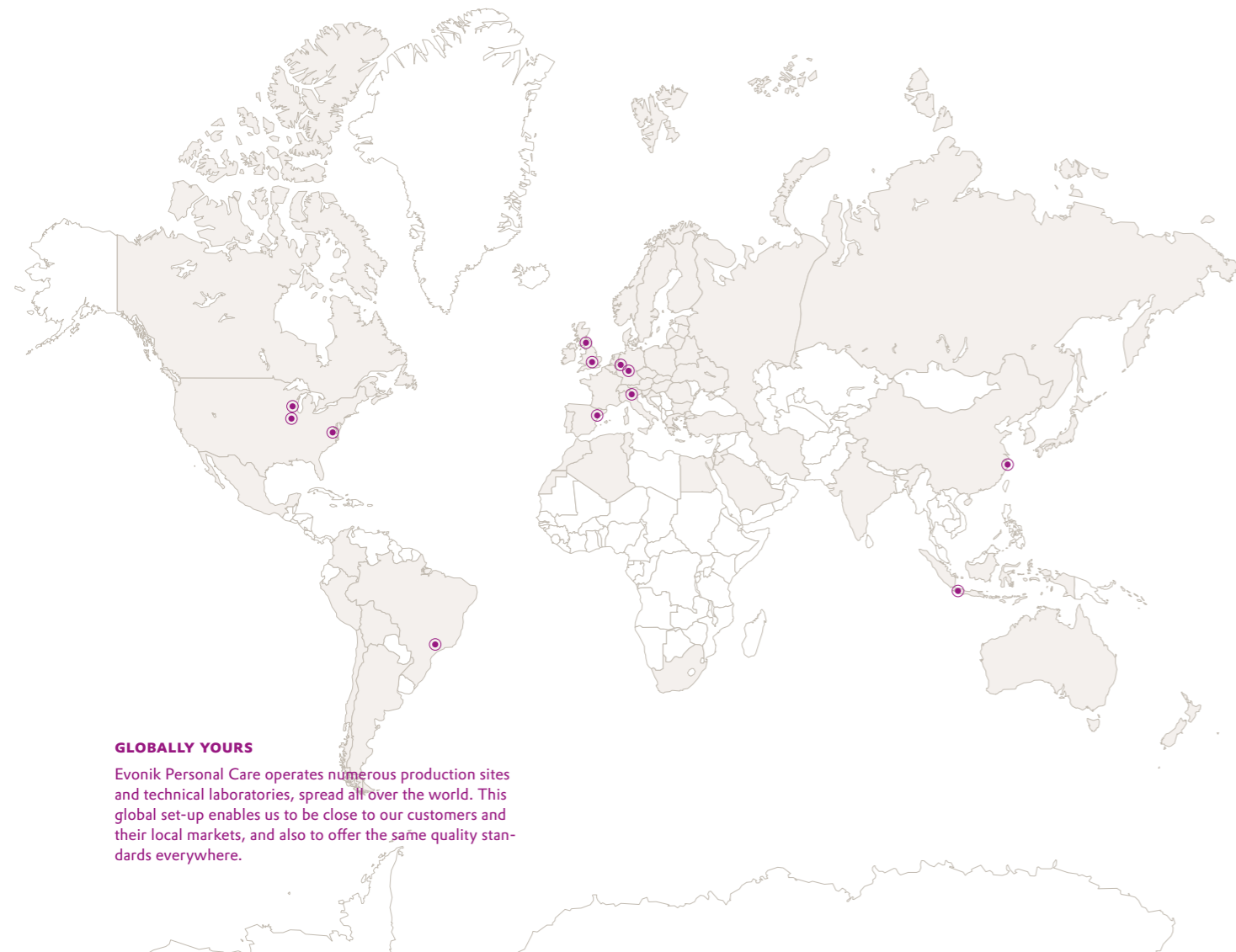
RESPONSIBILITY.

Showing respect. Doing business with responsibility towards the environment, society and clients means addressing the issue of sustainable development. By delivering the best possible transparency within the product lifecycle, we help our clients get a clear plan.

REALIZATION.

Seeing things through. Our mindset is creative and realization-centered, combining technical knowledge, networked thinking and decision-making power. We deliver solutions that get results.

This catalog provides an overview of the exceptional product range available from Evonik Personal Care.



GLOBALLY YOURS

Evonik Personal Care operates numerous production sites and technical laboratories, spread all over the world. This global set-up enables us to be close to our customers and their local markets, and also to offer the same quality standards everywhere.

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SURVEY OF PRODUCTS BY PRODUCT NAME

Product name	INCI name	Page
ABIL® 350	Dimethicone	66
ABIL® B 8832	Bis-PEG/PPG-20/20 Dimethicone	42
ABIL® B 8843	PEG-14 Dimethicone	42
ABIL® B 8851	PEG/PPG-14/4 Dimethicone	42
ABIL® B 8852	PEG/PPG-4/12 Dimethicone	42
ABIL® B 9950	Dimethicone Propyl PG-Betaine	20
ABIL® Care 85	Bis-PEG/PPG-16/16 PEG/PPG-16/16 Dimethicone; Caprylic/Capric Triglyceride	54
ABIL® Care XL 80	Bis-PEG/PPG-20/5 PEG/PPG-20/5 Dimethicone; Methoxy PEG/PPG-25/4 Dimethicone; Caprylic/Capric Triglyceride	54
ABIL® EM 90	Cetyl PEG/PPG-10/1 Dimethicone	48
ABIL® EM 97 S	Bis-PEG/PPG-14/14 Dimethicone; Dimethicone	48
ABIL® EM 120	Bis-(Glyceryl/Lauryl) Glyceryl Lauryl Dimethicone; Caprylic/Capric Triglyceride	48
ABIL® EM 180	Cetyl PEG/PPG-10/1 Dimethicone	48
ABIL® ME 45	Silicone Quaternium-22; Polyglyceryl-3 Caprate; Dipropylene Glycol; Cocamidopropyl Betaine	20
ABIL® Quat 3272	Quaternium-80	20
ABIL® Soft AF 100	Methoxy PEG/PPG-7/3 Aminopropyl Dimethicone	20
ABIL® Soft AF 200	Aminopropyl Dimethicone	20
ABIL® Soft AF 300	Aminopropyl Dimethicone	20
ABIL® T Quat 60	Silicone Quaternium-22	20
ABIL® UV Quat 50	Polysilicone-19	20
ABIL® Wax 2434	Stearoxy Dimethicone	72
ABIL® Wax 2440	Behenoxy Dimethicone	72
ABIL® Wax 9800	Stearyl Dimethicone	72
ABIL® Wax 9801	Cetyl Dimethicone	66
ABIL® Wax 9840	Cetyl Dimethicone	66
ABIL® WE 09	Polyglyceryl-4 Isostearate; Cetyl PEG/PPG-10/1 Dimethicone; Hexyl Laurate	48
ANTIL® 120 Plus	PEG-120 Methyl Glucose Dioleate	36
ANTIL® 127	PEG-120 Methyl Glucose Dioleate	36
ANTIL® 141 liquid	Propylene Glycol; PEG-55 Propylene Glycol Oleate	36
ANTIL® 171	PEG-18 Glyceryl Oleate/Cocoate	36
ANTIL® 200	PEG-200 Hydrogenated Glyceryl Palmate; PEG-7 Glyceryl Cocoate	36
ANTIL® CM 90	Cocamide MEA	34
ANTIL® HS 60	Cocamidopropyl Betaine; Glyceryl Laurate	34, 42
ANTIL® Soft SC	Sorbitan Sesquicaprylate	34, 42
ANTIL® SPA 80	Isostearamide MIPA; Glyceryl Laurate	34
AXOL® C 62 Pellets	Glyceryl Stearate Citrate	56
Ceramide III	Ceramide NP	26, 74

Product name	INCI name	Page
Ceramide IIIB	Ceramide NP	26, 74
Ceramide VI	Ceramide AP	74
GluCare® S	Sodium Carboxymethyl Beta-Glucan	74
HyaCare®	Sodium Hyaluronate	74
HyaCare® 50	Hydrolyzed Hyaluronic Acid	74
HyaCare® Filler CL	Aqua; Ethylhexyl Stearate; Sodium Hyaluronate Crosspolymer; Polyglyceryl-4 Diisostearate/Polyhydroxystearate/Sebacate; Sodium Isostearate	74
ISOLAN® GI 34	Polyglyceryl-4 Isostearate	50
ISOLAN® GO 33	Polyglyceryl-3 Oleate	50
ISOLAN® GPS	Polyglyceryl-4 Diisostearate/Polyhydroxystearate/Sebacate	50
ISOLAN® IS	Methyl Glucose Isostearate	50
ISOLAN® PDI	Diisostearyl Polyglyceryl-3 Dimer Dilinoleate	50
LACTIL®	Sodium Lactate; Sodium PCA; Glycine; Fructose; Urea; Niacinamide; Inositol; Sodium Benzoate; Lactic Acid	76
Phytosphingosine	Phytosphingosine	28, 76
Phytosphingosine Hydrochloride	Phytosphingosine HCL	28, 76
Phytosphingosine SLC	Salicyloyl Phytosphingosine	76
PROTEGIN® W	Petrolatum; Ozokerite; Hydrogenated Castor Oil; Glyceryl Isostearate; Polyglyceryl-3 Oleate	52
PROTEGIN® WX	Petrolatum; Ozokerite; Hydrogenated Castor Oil; Glyceryl Isostearate; Polyglyceryl-3 Oleate	52
PROTEGIN® XN	Paraffinum Liquidum (EU)/Mineral Oil (USA); Petrolatum; Ozokerite; Glyceryl Oleate; Lanolin Alcohol	52
REWOCID® DU 185 SE	Undecylenamide DEA	34
REWOCID® SB U 185 KE	Disodium Undecylenamido MEA-Sulfosuccinate	32
REWOCID® UTM 185	Undecylenamidopropyltrimonium Methosulfate	24
REWODERM® LI 63	PEG-30 Glyceryl Cocoate	42
REWODERM® LI 67-75	PEG-80 Glyceryl Cocoate	42
REWODERM® LI 520-70	PEG-200 Hydrogenated Glyceryl Palmate	36
REWODERM® LI S 80	PEG-200 Hydrogenated Glyceryl Palmate; PEG-7 Glyceryl Cocoate	36
REWODERM® S 1333 KM 5	Disodium Ricinoleamido MEA-Sulfosuccinate	32
REWOMID® DC 212 S	Cocamide DEA	34
REWOMID® IPP 240	Cocamide MIPA	34
REWOPAL® PEG 6000 DS A	PEG-150 Distearate	36
REWOPAL® PIB 1000	Polyisobutene	66
REWOPOL® SB CS 50 B	Disodium PEG-5 Lauryl Citrate Sulfosuccinate; Sodium Laureth Sulfate	32
REWOPOL® SB F 12 P	Disodium Lauryl Sulfosuccinate	32
REWOPOL® SB FA 30 B	Disodium Laureth Sulfosuccinate	32
REWOPOL® SB Z U	Disodium PEG-4 Cocamido MIPA-Sulfosuccinate	32
REWOTERIC® AM 2 C NM	Disodium Cocoamphodiacetate	30
REWOTERIC® AM B U 185	Undecylenamidopropyl Betaine	30

Product name	INCI name	Page
REWOTERIC® AM C	Sodium Cocoamphoacetate	30
REWOTERIC® AM G 30	Disodium Lauroamphodiacetate; Sodium Lauryl Sulfate; Hexylene Glycol	32
REWOTERIC® AM KSF 40	Sodium Cocoamphopropionate	32
SK-INFLUX®/SK-INFLUX® V	Ceramide NP; Ceramide AP; Ceramide EOP; Phytosphingosine; Cholesterol; Sodium Lauroyl Lactylate; Carbomer; Xanthan Gum	28, 76
SKINMIMICS®	Cetareth-25; Glycerin; Cetyl Alcohol; Behenic Acid; Cholesterol; Ceramide NP; Ceramide NS; Ceramide EOS; Ceramide EOP; Ceramide AP; Caprooyl Phytosphingosine; Caprooyl Sphingosine	76
SPHINGOKINE® NP	Caprooyl Phytosphingosine	78
SPHINGONY	Sphinganine	26, 28, 90
TAGAT® CH 40	PEG-40 Hydrogenated Castor Oil	44
TAGAT® S	PEG-30 Glyceryl Stearate	44
TEGIN® Pellets	Glyceryl Stearate SE	58
TEGIN® 4100 Pellets	Glyceryl Stearate	62
TEGIN® BL 315	Glycol Distearate	40
TEGIN® G	Glycol Stearate SE	58
TEGIN® G 1100 Pellets	Glycol Distearate	40
TEGIN® M Pellets	Glyceryl Stearate	62
TEGIN® O V	Glyceryl Oleate	50
TEGINACID®	Glyceryl Stearate; Cetareth-20	60
TEGINACID® C	Cetareth-25	60
TEGO® Acid S 40 P	PEG-40 Stearate	60
TEGO® Alkanol 16	Cetyl Alcohol	62
TEGO® Alkanol 1618	Cetearyl Alcohol	62
TEGO® Alkanol 18	Stearyl Alcohol	62
TEGO® Alkanol 6855	Cetearyl Alcohol	62
TEGO® Alkanol IC 20	Isoceteth-20	60
TEGO® Alkanol L 23 P	Laureth-23	60
TEGO® Alkanol L 4	Laureth-4	34
TEGO® Alkanol S 2 P	Steareth-2	44
TEGO® Alkanol S 20 P	Steareth-20	60
TEGO® Alkanol S 21 P	Steareth-21	60
TEGO® Amid S 18	Stearamidopropyl Dimethylamine	24
TEGO® Arjuna S	Terminalia Arjuna Bark Extract; Pentylene Glycol	28, 78
TEGO® Betain 810	Capryl/Capramidopropyl Betaine	30
TEGO® Betain C 60	Cocamidopropyl Betaine	30
TEGO® Betain CK D	Cocamidopropyl Betaine	30
TEGO® Betain CK KB 5	Cocamidopropyl Betaine	30

Product name	INCI name	Page
TEGO® Betain F 50	Cocamidopropyl Betaine	30
TEGO® Betain F KB 5	Cocamidopropyl Betaine	30
TEGO® Betain F KM 1	Cocamidopropyl Betaine	30
TEGO® Betain HS KB 5	Cocamidopropyl Betaine; Glyceryl Laurate	30
TEGO® Betain ZF	Cocamidopropyl Betaine	30
TEGO® Carbomer 134	Carbomer	38, 64
TEGO® Carbomer 140	Carbomer	38, 64
TEGO® Carbomer 140 G	Carbomer	38, 64
TEGO® Carbomer 141	Carbomer	38, 64
TEGO® Carbomer 141 G	Carbomer	38, 64
TEGO® Carbomer 340 FD	Carbomer	38, 64
TEGO® Carbomer 341 ER	Acrylates/C10-30 Alkyl Acrylate Crosspolymer	38, 64
TEGO® Carbomer 750 HD	Acrylates/C10-30 Alkyl Acrylate Crosspolymer	38, 64
TEGO® Carbomer 841 SER	Acrylates/C10-30 Alkyl Acrylate Crosspolymer	38
TEGO® Care 165	Glyceryl Stearate; PEG-100 Stearate	60
TEGO® Care 215	Ceteareth-15; Glyceryl Stearate	60
TEGO® Care 450	Polyglyceryl-3 Methylglucose Distearate	56
TEGO® Care CG 90	Cetearyl Glucoside	56
TEGO® Care LTP	Sorbitan Laurate; Polyglyceryl-4 Laurate; Dilauryl Citrate	56
TEGO® Care PBS 6	Polyglyceryl-6 Stearate; Polyglyceryl-6 Behenate	56, 89
TEGO® Care PL 4	Polyglyceryl-4 Laurate	56
TEGO® Care PS	Methyl Glucose Sesquistearate	58
TEGO® Care PSC 3	Polyglyceryl-3 Dicitrate/Stearate	58
TEGO® Cistus	Cistus Incanus Extract; Maltodextrin	78
TEGO® Cosmo C 100	Creatine	26, 28, 78
TEGO® Cosmo C 250	1-Methylhydantoin-2-imide	78
TEGO® Cosmo P 813	Polyglyceryl-3 Caprylate	28, 82
TEGO® Cosmo PGA	Sodium Polyglutamate	78
TEGO® Feel Green	Cellulose	84
TEGO® Natural Betaine	Betaine	26, 28, 78
TEGO® Pearl N 100	Glycol Distearate; Steareth-4	40
TEGO® Pearl N 300	Glycol Distearate; Laureth-4; Cocamidopropyl Betaine	40
TEGO® Pearl S 33 PB	Sodium C14-16 Olefin Sulfonate; Glycol Distearate; Cocamidopropyl Betaine; Sorbitan Laurate	40
TEGO® Pep 4-17	Tetrapeptide-21; Glycerin; Butylene Glycol; Aqua	80
TEGO® Pep 4-Even	Tetrapeptide-30; Glycerin	80
TEGO® SIS 40	PEG-40 Sorbitan Perisostearate	44

Product name	INCI name	Page
TEGO® SML	Sorbitan Laurate	44, 52
TEGO® SML 20	Polysorbate 20	44
TEGO® SMO 80 V	Polysorbate 80	44, 60
TEGO® SMO V	Sorbitan Oleate	44, 52
TEGO® Smooth	Betaine; Urea; Potassium Lactate; Sodium Polyglutamate; Hydrolyzed Sclerotium Gum	80
TEGO® SMS	Sorbitan Stearate	52
TEGO® SMS 60	Polysorbate 60	44, 60
TEGO® Solve 61	Polyglyceryl-6 Caprylate; Polyglyceryl-4 Caprate; Polyglyceryl-4 Cocoate; Polyglyceryl-6 Ricinoleate	44
TEGO® Stemlastin	Algae Extract	80
TEGO® STO V	Sorbitan Trioleate	52
TEGO® Sun T 805/ TEGO® Sun T 805 G	Titanium Dioxide; Trimethoxycaprylsilane	84
TEGO® Sun TDEC 45	Titanium Dioxide; Diethylhexyl Carbonate; Polyglyceryl-6 Polyhydroxystearate	84
TEGO® Turmerone	Curcuma Longa (Turmeric) Root Extract	80
TEGO® Wipe DE	Diethylhexyl Carbonate; Polyglyceryl-4 Laurate; Phenoxyethanol; Methylparaben; Dilauryl Citrate; Butylparaben; Ethylparaben; Propylparaben; Isobutylparaben	54
TEGO® Wipe Flex	Ethylhexyl Stearate; Phenoxyethanol; Polyglyceryl-4 Laurate; Sorbitan Laurate; Dilauryl Citrate	54
TEGO® Wipe Lux	Ethylhexyl Stearate; Sorbitan Laurate; Phenoxyethanol; Gossypium Herbaceum (Cotton) Seed Oil; Polyglyceryl-4 Laurate; Dilauryl Citrate	54
TEGO® Xymenynic	Caprylic/Capric Triglyceride; Xymenynic Acid	80
TEGODEO® CW 90	Zinc Ricinoleate; Tetrahydroxypropyl Ethylenediamine; Laureth-3; Propylene Glycol	82
TEGODEO® HY 77	Zinc Ricinoleate; Triethanolamine; Dipropylene Glycol; Lactic Acid	82
TEGODEO® PY 88 G	Zinc Ricinoleate	82
TEGOLON® 12-10	Nylon-12	84
TEGOLON® 12-20	Nylon-12	84
TEGOLON® ECO 10-10	Nylon-10/10	84
TEGOSOFT® AC	Isoamyl Cocoate	66
TEGOSOFT® APM	PPG-3 Myristyl Ether	66
TEGOSOFT® APS	PPG-11 Stearyl Ether	66
TEGOSOFT® CI	Cetearyl Isononanoate	68
TEGOSOFT® CO	Cetyl Ethylhexanoate	68
TEGOSOFT® CR	Cetyl Ricinoleate	72
TEGOSOFT® CT	Caprylic/Capric Triglyceride	68
TEGOSOFT® DC	Decyl Cocoate	68
TEGOSOFT® DEC	Diethylhexyl Carbonate	68
TEGOSOFT® E	PPG-15 Stearyl Ether	68
TEGOSOFT® GC	PEG-7 Glyceryl Cocoate	42, 44

Product name	INCI name	Page
TEGOSOFT® GMC 6	PEG-6 Caprylic/Capric Glycerides	42
TEGOSOFT® liquid	Cetearyl Ethylhexanoate	68
TEGOSOFT® LSE 65 K Soft Plus	Sucrose Cocoate	42
TEGOSOFT® M	Isopropyl Myristate	68
TEGOSOFT® MM	Myristyl Myristate	72
TEGOSOFT® OER	Oleyl Erucate	70
TEGOSOFT® OP	Ethylhexyl Palmitate	70
TEGOSOFT® OS	Ethylhexyl Stearate	70
TEGOSOFT® P	Isopropyl Palmitate	70
TEGOSOFT® PBE	PPG-14 Butyl Ether	70
TEGOSOFT® PC 31	Polyglyceryl-3 Caprate	34, 42
TEGOSOFT® PC 41	Polyglyceryl-4 Caprate	44
TEGOSOFT® PSE 141 G	Sucrose Stearate	80
TEGOSOFT® SH	Stearyl Heptanoate	72
TEGOSOFT® TIS	Triisostearin	70
TEGOSOFT® TN	C12-15 Alkyl Benzoate	70
TEGOSOFT® TN 2	C12-15 Alkyl Benzoate	70
TEGOSOFT® XC	Phenoxyethyl Caprylate	70
VARISOFT® 300	Cetrimonium Chloride	22
VARISOFT® 432 CG	Dicetyldimonium Chloride	22
VARISOFT® 432 PPG	Dicetyldimonium Chloride	22
VARISOFT® 442 100 P	Quaternium-18	22
VARISOFT® BT 70	Behentrimonium Chloride	22
VARISOFT® BT 85 Pellets	Behentrimonium Chloride	22
VARISOFT® BTMS Pellets	Behentrimonium Methosulfate; Cetearyl Alcohol	22
VARISOFT® EQ 65 Pellets	Distearylethyl Dimonium Chloride; Cetearyl Alcohol	24
VARISOFT® PATC	Palmitamidopropyltrimonium Chloride	24, 34, 54
VARISOFT® RTM 50	Ricinoleamidopropyltrimonium Methosulfate	24
VARISOFT® TA 100	Distearyldimonium Chloride	22, 54
VARISOFT® W 575 PG	Quaternium-87	24

SURVEY OF PRODUCTS BY INCI NAME

INCI name	Product name	Pharmaceutical	Page
1-Methylhydantoin-2-imide	TEGO® Cosmo C 250		78
Acrylates/C10-30 Alkyl Acrylate Crosspolymer	TEGO® Carbomer 341 ER		38, 64
Acrylates/C10-30 Alkyl Acrylate Crosspolymer	TEGO® Carbomer 750 HD	USP	38, 64
Acrylates/C10-30 Alkyl Acrylate Crosspolymer	TEGO® Carbomer 841 SER		38
Algae Extract	TEGO® Stemlastin		80
Aminopropyl Dimethicone	ABIL® Soft AF 200		20
Aminopropyl Dimethicone	ABIL® Soft AF 300		20
Aqua; Ethylhexyl Stearate; Sodium Hyaluronate Crosspolymer; Polyglyceryl-4 Diisostearate/Polyhydroxystearate/Sebacate; Sodium Isostearate	HyaCare® Filler CL		74
Behenoxy Dimethicone	ABIL® Wax 2440		72
Behentrimonium Chloride	VARISOFT® BT 70		22
Behentrimonium Chloride	VARISOFT® BT 85 Pellets		22
Behentrimonium Methosulfate; Cetearyl Alcohol	VARISOFT® BTMS Pellets		22
Betaine	TEGO® Natural Betaine		26, 28, 78
Betaine; Urea; Potassium Lactate; Sodium Polyglutamate; Hydrolyzed Sclerotium Gum	TEGO® Smooth		80
Bis-(Glyceryl/Lauryl) Glyceryl Lauryl Dimethicone; Caprylic/Capric Triglyceride	ABIL® EM 120		48
Bis-PEG/PPG-14/14 Dimethicone; Dimethicone	ABIL® EM 97 S		48
Bis-PEG/PPG-16/16 PEG/PPG-16/16 Dimethicone; Caprylic/Capric Triglyceride	ABIL® Care 85		54
Bis-PEG/PPG-20/5 PEG/PPG-20/5 Dimethicone; Methoxy PEG/PPG-25/4 Dimethicone; Caprylic/Capric Triglyceride	ABIL® Care XL 80		54
Bis-PEG/PPG-20/20 Dimethicone	ABIL® B 8832		42
C12-15 Alkyl Benzoate	TEGOSOFT® TN	USP	70
C12-15 Alkyl Benzoate	TEGOSOFT® TN 2	USP	70
Caprooyl Phytosphingosine	SPHINGOKINE® NP		78
Capryl/Capramidopropyl Betaine	TEGO® Betain 810		30
Caprylic/Capric Triglyceride	TEGOSOFT® CT	PH Eur.	68
Caprylic/Capric Triglyceride; Xymenynic Acid	TEGO® Xymenynic		80
Carbomer	TEGO® Carbomer 134	PH Eur.	38, 64
Carbomer	TEGO® Carbomer 140	PH Eur.	38, 64
Carbomer	TEGO® Carbomer 140 G	PH Eur.	38, 64
Carbomer	TEGO® Carbomer 141		38, 64
Carbomer	TEGO® Carbomer 141 G	PH Eur.	38, 64

DAC Deutscher Arzneimittel-Codex
 USP US Pharmacopoeia
 PH Eur. Pharmacopée Européenne
 Pharmaceutical quality is available on request.

INCI name	Product name	Pharmaceutical	Page
Carbomer	TEGO® Carbomer 340 FD		38, 64
Cellulose	TEGO® Feel Green		84
Ceramide AP	Ceramide VI		74
Ceramide NP	Ceramide III		26, 74
Ceramide NP	Ceramide IIIB		26, 74
Ceramide NP; Ceramide AP; Ceramide EOP; Phytosphingosine; Cholesterol; Sodium Lauroyl Lactylate; Carbomer; Xanthan Gum	SK-INFLUX®/SK-INFLUX® V		28, 76
Ceteareth-15; Glyceryl Stearate	TEGO® Care 215		60
Ceteareth-25	TEGINACID® C		60
Ceteareth-25; Glycerin; Cetyl Alcohol; Behenic Acid; Cholesterol; Ceramide NP; Ceramide NS; Ceramide EOS; Ceramide EOP; Ceramide AP; Caprooyl Phytosphingosine; Caprooyl Sphingosine	SKINMIMICS®		76
Cetearyl Alcohol	TEGO® Alkanol 1618	PH Eur.	62
Cetearyl Alcohol	TEGO® Alkanol 6855	USP + PH Eur.	62
Cetearyl Ethylhexanoate	TEGOSOFT® liquid		68
Cetearyl Glucoside	TEGO® Care CG 90		56
Cetearyl Isononanoate	TEGOSOFT® CI		68
Cetrimonium Chloride	VARISOFT® 300		22
Cetyl Alcohol	TEGO® Alkanol 16	PH Eur.	62
Cetyl Dimethicone	ABIL® Wax 9801		66
Cetyl Dimethicone	ABIL® Wax 9840		66
Cetyl Ethylhexanoate	TEGOSOFT® CO		68
Cetyl PEG/PPG-10/1 Dimethicone	ABIL® EM 90		48
Cetyl PEG/PPG-10/1 Dimethicone	ABIL® EM 180		48
Cetyl Ricinoleate	TEGOSOFT® CR		72
Cistus Incanus Extract; Maltodextrin	TEGO® Cistus		78
Cocamide DEA	REWOMID® DC 212 S		34
Cocamide MEA	ANTIL® CM 90		
Cocamide MIPA	REWOMID® IPP 240		34
Cocamidopropyl Betaine	TEGO® Betain C 60		30
Cocamidopropyl Betaine	TEGO® Betain CK D		30
Cocamidopropyl Betaine	TEGO® Betain CK KB 5		30
Cocamidopropyl Betaine	TEGO® Betain F 50	DAC	30

DAC Deutscher Arzneimittel-Codex
 USP US Pharmacopoeia
 PH Eur. Pharmacopée Européenne
 Pharmaceutical quality is available on request.

INCI name	Product name	Pharmaceutical	Page
Cocamidopropyl Betaine	TEGO® Betain F KB 5		30
Cocamidopropyl Betaine	TEGO® Betain F KM 1		30
Cocamidopropyl Betaine	TEGO® Betain ZF		30
Cocamidopropyl Betaine; Glyceryl Laurate	ANTIL® HS 60		34, 42
Cocamidopropyl Betaine; Glyceryl Laurate	TEGO® Betain HS KB 5		30
Creatine	TEGO® Cosmo C 100		26, 28, 78
Curcuma Longa (Turmeric) Root Extract	TEGO® Turmerone		80
Decyl Cocoate	TEGOSOFT® DC		68
Dicetyldimonium Chloride	VARISOFT® 432 CG		22
Dicetyldimonium Chloride	VARISOFT® 432 PPG		22
Diethylhexyl Carbonate	TEGOSOFT® DEC		68
Diethylhexyl Carbonate; Polyglyceryl-4 Laurate; Phenoxyethanol; Methylparaben; Dilauryl Citrate; Butylparaben; Ethylparaben; Propylparaben; Isobutylparaben	TEGO® Wipe DE		54
Diisostearoyl Polyglyceryl-3 Dimer Dilinoleate	ISOLAN® PDI		50
Dimethicone	ABIL® 350		66
Dimethicone Propyl PG-Betaine	ABIL® B 9950		20
Disodium Cocoamphodiacetate	REWOTERIC® AM 2 C NM		30
Disodium Laureth Sulfosuccinate	REWOPOL® SB FA 30 B		32
Disodium Lauroamphodiacetate; Sodium Lauryl Sulfate; Hexylene Glycol	REWOTERIC® AM G 30		32
Disodium Lauryl Sulfosuccinate	REWOPOL® SB F 12 P		32
Disodium PEG-4 Cocamido MIPA-Sulfosuccinate	REWOPOL® SB Z U		32
Disodium PEG-5 Laurylcitrate Sulfosuccinate; Sodium Laureth Sulfate	REWOPOL® SB CS 50 B		32
Disodium Ricinoleamido MEA-Sulfosuccinate	REWODERM® S 1333 KM 5		32
Disodium Undecylenamido MEA-Sulfosuccinate	REWOCID® SB U 185 KE		32
Distearoylethyl Dimonium Chloride; Cetearyl Alcohol	VARISOFT® EQ 65 Pellets		24
Distearyldimonium Chloride	VARISOFT® TA 100		22, 54
Ethylhexyl Palmitate	TEGOSOFT® OP		70
Ethylhexyl Stearate	TEGOSOFT® OS		70
Ethylhexyl Stearate; Phenoxyethanol; Polyglyceryl-4 Laurate; Sorbitan Laurate; Dilauryl Citrate	TEGO® Wipe Flex		54
Ethylhexyl Stearate; Sorbitan Laurate; Phenoxyethanol; Gossypium Herbaceum (Cotton) Seed Oil; Polyglyceryl-4 Laurate; Dilauryl Citrate	TEGO® Wipe Lux		54
Glyceryl Oleate	TEGIN® O V		50

DAC Deutscher Arzneimittel-Codex
 USP US Pharmacopoeia
 PH Eur. Pharmacopée Européenne
 Pharmaceutical quality is available on request.

INCI name	Product name	Pharmaceutical	Page
Glyceryl Stearate	TEGIN® 4100 Pellets	PH Eur.	62
Glyceryl Stearate	TEGIN® M Pellets		62
Glyceryl Stearate Citrate	AXOL® C 62 Pellets		56
Glyceryl Stearate; Cetareth-20	TEGINACID®		60
Glyceryl Stearate SE	TEGIN® Pellets		58
Glyceryl Stearate; PEG-100 Stearate	TEGO® Care 165		60
Glycol Distearate	TEGIN® BL 315		40
Glycol Distearate	TEGIN® G 1100 Pellets		40
Glycol Distearate; Laureth-4; Cocamidopropyl Betaine	TEGO® Pearl N 300		40
Glycol Distearate; Steareth-4	TEGO® Pearl N 100		40
Glycol Stearate SE	TEGIN® G		58
Hydrolyzed Hyaluronic Acid	HyaCare® 50		74
Isoamyl Cocoate	TEGOSOFT® AC		66
Isoceteth-20	TEGO® Alkanol IC 20		60
Isopropyl Myristate	TEGOSOFT® M	PH Eur.	68
Isopropyl Palmitate	TEGOSOFT® P	PH Eur.	70
Isostearamide MIPA; Glyceryl Laurate	ANTIL® SPA 80		34
Laureth-4	TEGO® Alkanol L 4		34
Laureth-23	TEGO® Alkanol L 23 P	PH Eur.	60
Methoxy PEG/PPG-7/3 Aminopropyl Dimethicone	ABIL® Soft AF 100		20
Methyl Glucose Isostearate	ISOLAN® IS		50
Methyl Glucose Sesquistearate	TEGO® Care PS		58
Myristyl Myristate	TEGOSOFT® MM		72
Nylon-10/10	TEGOLON® ECO 10-10		84
Nylon-12	TEGOLON® 12-10		84
Nylon-12	TEGOLON® 12-20		84
Oleyl Erucate	TEGOSOFT® OER		70
Palmitamidopropyltrimonium Chloride	VARISOFT® PATC		24, 34, 54
Paraffinum Liquidum (EU)/Mineral Oil (USA); Petrolatum; Ozokerite; Glyceryl Oleate; Lanolin Alcohol	PROTEGIN® XN		52
PEG-6 Caprylic/Capric Glycerides	TEGOSOFT® GMC 6	PH Eur.	42
PEG-7 Glyceryl Cocoate	TEGOSOFT® GC	PH Eur.	42, 44

INCI name	Product name	Pharmaceutical	Page
PEG-14 Dimethicone	ABIL® B 8843		42
PEG-18 Glyceryl Oleate/Cocoate	ANTIL® 171		36
PEG-30 Glyceryl Cocoate	REWODERM® LI 63		42
PEG-30 Glyceryl Stearate	TAGAT® S		44
PEG-40 Hydrogenated Castor Oil	TAGAT® CH 40	PH Eur.	44
PEG-40 Sorbitan Perisostearate	TEGO® SIS 40		44
PEG-40 Stearate	TEGO® Acid S 40 P	USP + PH Eur.	60
PEG-80 Glyceryl Cocoate	REWODERM® LI 67-75		42
PEG-120 Methyl Glucose Dioleate	ANTIL® 120 Plus		36
PEG-120 Methyl Glucose Dioleate	ANTIL® 127		
PEG-150 Distearate	REWOPAL® PEG 6000 DS A		36
PEG-200 Hydrogenated Glyceryl Palmate	REWODERM® LI 520-70		36
PEG-200 Hydrogenated Glyceryl Palmate; PEG-7 Glyceryl Cocoate	REWODERM® LI S 80		36
PEG-200 Hydrogenated Glyceryl Palmate; PEG-7 Glyceryl Cocoate	ANTIL® 200		36
PEG/PPG-4/12 Dimethicone	ABIL® B 8852		42
PEG/PPG-14/4 Dimethicone	ABIL® B 8851		42
Petrolatum; Ozokerite; Hydrogenated Castor Oil; Glyceryl Isostearate; Polyglyceryl-3 Oleate	PROTEGIN® W		52
Petrolatum; Ozokerite; Hydrogenated Castor Oil; Glyceryl Isostearate; Polyglyceryl-3 Oleate	PROTEGIN® WX		52
Phenoxyethyl Caprylate	TEGOSOFT® XC		70
Phytosphingosine	Phytosphingosine		28, 76
Phytosphingosine HCL	Phytosphingosine Hydrochloride		28, 76
Polyglyceryl-3 Caprate	TEGOSOFT® PC 31		34, 42
Polyglyceryl-3 Caprylate	TEGO® Cosmo P 813		28, 82
Polyglyceryl-3 Dicitrate/Stearate	TEGO® Care PSC 3		58
Polyglyceryl-3 Methylglucose Distearate	TEGO® Care 450		56
Polyglyceryl-3 Oleate	ISOLAN® GO 33		50
Polyglyceryl-4 Caprate	TEGOSOFT® PC 41		44
Polyglyceryl-4 Diisostearate/Polyhydroxystearate/Sebacate	ISOLAN® GPS		50
Polyglyceryl-4 Isostearate	ISOLAN® GI 34		50
Polyglyceryl-4 Isostearate; Cetyl PEG/PPG-10/1 Dimethicone; Hexyl Laurate	ABIL® WE 09		48
Polyglyceryl-4 Laurate	TEGO® Care PL 4		56

INCI name	Product name	Pharmaceutical	Page
Polyglyceryl-6 Caprylate; Polyglyceryl-4 Caprate; Polyglyceryl-4 Cocoate; Polyglyceryl-6 Ricinoleate	TEGO® Solve 61		44
Polyglyceryl-6 Stearate; Polyglyceryl-6 Behenate	TEGO® Care PBS 6		56, 89
Polyisobutene	REWOPAL® PIB 1000		66
Polysilicone-19	ABIL® UV Quat 50		20
Polysorbate 20	TEGO® SML 20	USP + PH Eur.	44
Polysorbate 60	TEGO® SMS 60	PH Eur.	44, 60
Polysorbate 80	TEGO® SMO 80 V	USP + PH Eur.	44, 60
PPG-3 Myristyl Ether	TEGOSOFT® APM		66
PPG-11 Stearyl Ether	TEGOSOFT® APS		66
PPG-14 Butyl Ether	TEGOSOFT® PBE		70
PPG-15 Stearyl Ether	TEGOSOFT® E		68
Propylene Glycol; PEG-55 Propylene Glycol Oleate	ANTIL® 141 liquid		36
Quaternium-18	VARISOFT® 442 100 P		22
Quaternium-80	ABIL® Quat 3272		20
Quaternium-87	VARISOFT® W 575 PG		24
Ricinoleamidopropyltrimonium Methosulfate	VARISOFT® RTM 50		24
Salicyloyl Phytosphingosine	Phytosphingosine SLC		76
Silicone Quaternium-22	ABIL® T Quat 60		20
Silicone Quaternium-22; Polyglyceryl-3 Caprate; Dipropylene Glycol; Cocamidopropyl Betaine	ABIL® ME 45		20
Sodium C14-16 Olefin Sulfonate; Glycol Distearate; Cocamidopropyl Betaine; Sorbitan Laurate	TEGO® Pearl S 33 PB		40
Sodium Carboxymethyl Beta-Glucan	GluCare® S		74
Sodium Cocoamphoacetate	REWOTERIC® AM C		30
Sodium Cocoamphopropionate	REWOTERIC® AM KSF 40		32
Sodium Hyaluronate	HyaCare®		74
Sodium Lactate; Sodium PCA; Glycine; Fructose; Urea; Niacinamide; Inositol; Sodium Benzoate; Lactic Acid	LACTIL®		76
Sodium Polyglutamate	TEGO® Cosmo PGA		78
Sorbitan Laurate	TEGO® SML		44, 52
Sorbitan Laurate; Polyglyceryl-4 Laurate; Dilauryl Citrate	TEGO® Care LTP		56
Sorbitan Oleate	TEGO® SMO V	PH Eur.	44, 52
Sorbitan Sesquicaprylate	ANTIL® Soft SC		34, 42

DAC Deutscher Arzneimittel-Codex
 USP US Pharmacopoeia
 PH Eur. Pharmacopée Européenne
 Pharmaceutical quality is available on request.

INCI name	Product name	Pharmaceutical	Page
Sorbitan Stearate	TEGO® SMS	PH Eur.	52
Sorbitan Trioleate	TEGO® STO V		52
Sphinganine	SPHINGONY		26, 28, 90
Stearamidopropyl Dimethylamine	TEGO® Amid S 18		24
Steareth-2	TEGO® Alkanol S 2 P	PH Eur.	44
Steareth-20	TEGO® Alkanol S 20 P	PH Eur.	60
Steareth-21	TEGO® Alkanol S 21 P		60
Stearoxy Dimethicone	ABIL® Wax 2434		72
Stearyl Alcohol	TEGO® Alkanol 18	USP + PH Eur.	62
Stearyl Dimethicone	ABIL® Wax 9800		72
Stearyl Heptanoate	TEGOSOFT® SH		72
Sucrose Cocoate	TEGOSOFT® LSE 65 K Soft Plus		42
Sucrose Stearate	TEGOSOFT® PSE 141 G		80
Tetrapeptide-21; Glycerin; Butylene Glycol; Aqua	TEGO® Pep 4-17		80
Tetrapeptide-30; Glycerin	TEGO® Pep 4-Even		80
Terminalia Arjuna Bark Extract; Pentylene Glycol	TEGO® Arjuna S		28, 78
Titanium Dioxide; Diethylhexyl Carbonate; Polyglyceryl-6 Polyhydroxystearate	TEGO® Sun TDEC 45		84
Titanium Dioxide; Trimethoxycaprylylsilane	TEGO® Sun T 805		84
Titanium Dioxide; Trimethoxycaprylylsilane	TEGO® Sun T 805 G	USP	84
Triisostearin	TEGOSOFT® TIS		70
Undecylenamide DEA	REWOCID® DU 185 SE		34
Undecylenamidopropyl Betaine	REWOTERIC® AM B U 185		30
Undecylenamidopropyltrimonium Methosulfate	REWOCID® UTM 185		24
Zinc Ricinoleate	TEGODEO® PY 88 G		82
Zinc Ricinoleate; Tetrahydroxypropyl Ethylenediamine; Laureth-3; Propylene Glycol	TEGODEO® CW 90		82
Zinc Ricinoleate; Triethanolamine; Dipropylene Glycol; Lactic Acid	TEGODEO® HY 77		82

DAC Deutscher Arzneimittel-Codex
 USP US Pharmacopoeia
 PH Eur. Pharmacopée Européenne
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HAIR CARE AND BODY CLEANSING

Our comprehensive product portfolio enables the formulation of innovative hair and body cleansing products with specific performance profiles and benefits such as low-irritant, hair fiber protection, refatting, soft and smooth skin and hair feel.

- Conditioning agents
- Actives for hair care
- Surfactants
- Rheological additives
- Pearlizing agents
- Hydrophilic emollients
- Solubilizers and co-emulsifiers

CONDITIONING AGENTS

These improve hair combability, protect against environmental influences and leave the hair feeling soft and smooth.



Product name	INCI name	Benefits	Characteristics	Physical properties		Improvement of										Suitable for	
				Form	Active matter [%]	Wet comb	Wet feel	Dry comb	Dry feel	Volume	Gloss	Antistatic properties	Color protection	Heat protection	UV protection	Conditioner	Conditioning shampoo
Silicone derivatives																	
ABIL® B 9950	Dimethicone Propyl PG-Betaine	- Hair color protection - Volume enhancer - Low thinning effect	Conditioning agent for shampoos. Softens and smoothes hair. Improves manageability.	Liquid	-30			•		•						•	
ABIL® Quat 3272	Quaternium-80	- Improved combability - Soft and smooth hair feel - Gloss enhancer	Conditioning agent for clear shampoos and shower products. Clearly soluble and anionic compatible. Pleasant skin feel. No build-up effect.	Liquid	-50	••	•	•	•		•					•	
ABIL® Soft AF 100	Methoxy PEG/PPG-7/3 Aminopropyl Dimethicone	- Improved combability - Antistatic effect - Volume enhancer	Conditioning agent for shampoos and hair rinses. Strongly substantive to hair and skin proteins. Self-emulsifying in aqueous systems. Improves synergistically volume properties of alkyl quats. Suitable for clear formulations. No build-up effect.	Liquid	-99	•	•			••		••				•	
ABIL® Soft AF 200	Aminopropyl Dimethicone	- Cost-efficient - Clearly soluble - Soft and smooth hair feel	Conditioning agent for shampoos, suitable for clear formulas. Excellent conditioning properties as well as improved skin feel and foam in surfactant systems. Easy to handle and process.	Liquid	-99	••	•	•								•	
ABIL® Soft AF 300	Aminopropyl Dimethicone	- Cost-efficient - Improved combability - Soft and smooth hair feel	Excellent conditioning properties for hair rinses. Improves wet and dry combability and creates a smooth hair feel. Easy to handle and process.	Liquid	-99	••	••	•	•							•	
ABIL® T Quat 60	Silicone Quaternium-22	- Improved combability - Hair fiber protection - Hair heat protection	Premium conditioning agent with additional hair fiber protection properties. Low viscosity decreasing effect in surfactant formulas. Highly suitable for clear formulas. No build-up effect.	Liquid	-65	••	••	•	••		•		•	••		•	
ABIL® UV Quat 50	Polysilicone-19	- Hair fiber protection - Hair UV protection - Hair color protection	Hair fiber protection against negative influences of UV light: reduced UV fading of dyed hair and reduced damage of hair. Suitable for clear formulations. No build-up effect.	Liquid	-50	•	•						••		••	•	
ABIL® ME 45	Silicone Quaternium-22; Polyglyceryl-3 Caprate; Dipropylene Glycol; Cocamidopropyl Betaine	- Easy to process - Improved combability - Hair heat protection	Outstanding and intensive conditioning properties. Very easy to process. Highly suitable for clear formulations. Highly effective at low concentrations.	Liquid	-30	•••	••	••	•••		•		••	•••		•	

• Positive test results •• Superior test results ••• Outstanding test results

CONDITIONING AGENTS

These improve hair combability, protect against environmental influences and leave the hair feeling soft and smooth.



Product name	INCI name	Benefits	Characteristics	Physical properties		Improvement of										Suitable for	
				Form	Active matter [%]	Wet comb	Wet feel	Dry comb	Dry feel	Volume	Gloss	Antistatic properties	Color protection	Heat protection	UV protection	Conditioner	Conditioning shampoo
Alkyl quats																	
VARISOFT® 300	Cetrimonium Chloride	- Improved combability - Antistatic effect - Cost-efficient	Universal conditioning agent. Water-dispersible.	Liquid	-30	•	•	•	•			•				•	•
VARISOFT® 432 CG	Dicetyldimonium Chloride	- Improved combability - Soft and smooth hair feel - Easy to process	Conditioning agent especially suitable for hair treatments. Contains isopropyl alcohol. Water-dispersible.	Liquid	-70	••	••	••	•							•	
VARISOFT® 432 PPG	Dicetyldimonium Chloride	- Improved combability - Soft and smooth hair feel - Easy to process	Conditioning agent especially suitable for hair treatments. Contains propylene glycol. Water-dispersible.	Liquid	-70	••	••	••	•							•	
VARISOFT® 442 100 P	Quaternium-18	- Easy to process - Improved combability - Antistatic effect	Water-dispersible conditioning agent. Color protection. Can also be used as emulsifier for sprayable products.	Powder	-94	•		••	•			••	•			•	
VARISOFT® BT 70*	Behentrimonium Chloride	- Improved combability - Soft smooth hair hair feel - Antistatic effect	Very effective conditioning agent. Excellent wet/ dry feel and combing properties. Water dispersible. Low flash point due to the use of dipropylene glycol as solvent.	Pellets	-70	••	••	•	••			•				•	
VARISOFT® BT 85 Pellets	Behentrimonium Chloride	- Soft and smooth hair feel - Antistatic effect - Hair color protection	Very effective conditioning agent. Excellent wet/dry feel and combing properties. Water-dispersible.	Pellets	-85	••	••	•	••			•	•			•	
VARISOFT® BTMS Pellets	Behentrimonium Methosulfate; Cetearyl Alcohol	- Improved combability - Antistatic effect - Soft and smooth hair feel	Highly effective conditioning agent. Improves manageability of hair. Water-dispersible. Suitable for skin lotions as emulsifier and conditioner.	Pellets	-25	••	••	•	••			•				•	
VARISOFT® TA 100	Distearyldimonium Chloride	- Soft and smooth hair feel - High active matter - Improved combability	Highly active conditioning agent and emulsifier for hair conditioners. Antistatic effect.	Powder	-96	•		••	•			••				•	

• Positive test results •• Superior test results
* Please note that the product will not be available in the US and Japanese market due to patent issues.

ACTIVES FOR HAIR CARE

High-purity specialist ingredients which repair, protect and strengthen both hair and scalp.



Product name	INCI name	Benefits	Physical properties	
			Characteristics	Form
Hair care				
Ceramide III	Ceramide NP	<ul style="list-style-type: none"> - Repairs and protects damaged hair - Improves hair mechanical properties (strength, combability) - Improves cuticle cell cohesion and limits loss of water-soluble peptides - Decreases alteration of the hair induced by UV radiation 	Ceramide III is a human hair-identical ceramide of high purity. The product has a body-identical ceramide stereochemistry due to a patented biotechnological production process. Especially suitable for conditioners, leave-in conditioners and conditioning shampoos. Fully based on renewable sources.	Powder
Ceramide IIIB	Ceramide NP	<ul style="list-style-type: none"> - Repairs and protects damaged hair - Improves hair mechanical properties (strength, combability) - Improves cuticle cell cohesion and limits loss of water-soluble peptides - Decreases alteration of the hair induced by UV radiation 	Ceramide IIIB is a human hair-identical ceramide of high purity. The product has a body-identical ceramide stereochemistry due to a patented biotechnological production process. It has better oil solubility than Ceramide III. Especially suitable for transparent formulations and conditioners, leave-in conditioners and conditioning shampoos. Fully based on renewable sources.	Powder
SPHINGONY	Sphinganine	<ul style="list-style-type: none"> - Prevention of hair loss - Rebalancing the life cycle of hair - Improves hair quality 	SPHINGONY is a naturally occurring, skin-identical molecule based on a fermentation production process of yeast. Especially suitable for leave-in conditioners, scalp fluids and tonics. Fully based on renewable resources.	Powder
TEGO® Cosmo C 100	Creatine	<ul style="list-style-type: none"> - Improves tensile strength, volume and feel of damaged hair - Protects hair from damages caused by chemical treatments - Smooths the hair cuticle of damaged hair decreasing the wet combing forces 	TEGO® Cosmo C 100 is a pure amino acid derivative naturally occurring in the body. It is of high purity and water-soluble. Especially suitable for conditioners, leave-in conditioners, conditioning shampoos and pre- and post-treatment products.	Powder
TEGO® Natural Betaine	Betaine	<ul style="list-style-type: none"> - Improves the mechanical properties of damaged hair - Improves the mildness of formulations and effectively reduces the irritant properties of surfactants 	TEGO® Natural Betaine is a naturally derived amino acid with skin conditioning properties. Especially suitable for hair shampoos, conditioners and body shampoos. Fully based on renewable sources.	Powder
Scalp care				
Ceramide III	Ceramide NP	<ul style="list-style-type: none"> - Reinforces the scalp's natural protective lipid barrier - Improves the natural hydration balance - Protects the scalp from external influences 	Ceramide III is a human hair-identical ceramide of high purity. The product has a body-identical ceramide stereochemistry due to a patented biotechnological production process. Especially suitable for conditioners, leave-in conditioners and conditioning shampoos. Fully based on renewable sources.	Powder
Ceramide IIIB	Ceramide NP	<ul style="list-style-type: none"> - Reinforces the scalp's natural protective lipid barrier - Improves the natural hydration balance - Protects the scalp from external influences 	Ceramide IIIB is a human hair-identical ceramide of high purity. The product has a body-identical ceramide stereochemistry due to a patented biotechnological production process. It has better oil solubility than Ceramide III. Especially suitable for transparent formulations and conditioners, leave-in conditioners and conditioning shampoos. Fully based on renewable sources.	Powder

ACTIVES FOR HAIR CARE

High-purity specialist ingredients which repair, protect and strengthen both hair and scalp.



Product name	INCI name	Benefits	Physical properties	
			Characteristics	Form
Scalp care				
Phytosphingosine	Phytosphingosine	<ul style="list-style-type: none"> - Reduces microorganisms disturbing the natural skin flora - Soothes and improves the appearance of red and inflamed scalp 	<p>"Natural" anti-inflammatory. Phytosphingosine is a skin-identical sphingoid base and major part of ceramides. It is naturally present in the stratum corneum and is part of skin's innate immune system. Especially suitable for anti-dandruff products and irritated scalp. Fully based on renewable sources.</p>	Powder
Phytosphingosine Hydrochloride	Phytosphingosine HCL	<ul style="list-style-type: none"> - Reduces microorganisms disturbing the natural skin flora - Soothes and improves the appearance of red and inflamed scalp 	<p>Phytosphingosine Hydrochloride is the salt of the skin-identical phytosphingosine. It is water-soluble. Fully based on renewable sources.</p>	Powder
SK-INFLUX®/SK-INFLUX® V	Ceramide NP; Ceramide AP; Ceramide EOP; Phytosphingosine; Cholesterol; Sodium Lauroyl Lactylate; Carbomer; Xanthan Gum	<ul style="list-style-type: none"> - Reinforces the scalp's natural protective barrier against moisture loss and external challenges 	<p>SK-INFLUX®/SK-INFLUX® V is a skin-identical synergistic lipid concentrate. It is water-soluble and suited for cold processing. SK-INFLUX® V is a version of SK-INFLUX® with vegetable-derived, semi-synthetic cholesterol. SK-INFLUX®/SK-INFLUX® V preserved with methylparaben, propylparaben/phenoxethanol.</p>	Viscous liquid
SPHINGONY	Sphinganine	<ul style="list-style-type: none"> - Improves general scalp health - Enhances scalp renewal capacity - Promotes formation of building blocks for scalp 	<p>SPHINGONY is a naturally occurring, skin-identical molecule based on a fermentation production process of yeast. Especially suitable for leave-in conditioners, scalp fluids and tonics. Fully based on renewable resources.</p>	Powder
TEGO® Arjuna S	Terminalia Arjuna Bark Extract; Pentylene Glycol	<ul style="list-style-type: none"> - Enhances skin nutrition by increased skin blood microcirculation 	<p>TEGO® Arjuna S is a standardized solution of pentacyclic triterpenes extracted from the bark of the Arjun tree. It has superior, easy to use application properties and superior bioavailability.</p>	Solution
TEGO® Cosmo C 100	Creatine	<ul style="list-style-type: none"> - Contributes to improved scalp conditions 	<p>TEGO® Cosmo C 100 is a pure amino acid derivative naturally occurring in the body. It is of high purity and water-soluble. Especially suitable for conditioners, scalp energizing and vitalizing formulations.</p>	Powder
TEGO® Cosmo P 813	Polyglyceryl-3 Caprylate	<ul style="list-style-type: none"> - Provides immediate and extended anti-microbial benefits - Provides immediate and extended benefits and 24 hours reserve efficacy - Shows activity boost on demand - Mild to the skin 	<p>TEGO® Cosmo P 813 is a cosmetic co-emulsifier especially beneficial in antiperspirant and deodorant formulations. Easily incorporated into a wide range of formulations. Fully based on renewable sources.</p>	Highly viscous liquid
TEGO® Natural Betaine	Betaine	<ul style="list-style-type: none"> - Increases skin's moisture retention - Works as cellular osmoprotectant - Improves the mildness of formulations and reduces effectively the irritant properties of surfactants 	<p>TEGO® Natural Betaine is a naturally derived amino acid with skin conditioning properties. Especially suitable for hair shampoos, conditioners and scalp moisturizing and protecting formulations. Fully based on renewable sources.</p>	Powder

SURFACTANTS

A broad spectrum of different surfactant types for a wide range of functions, performance profiles and benefits.



Product name	INCI name	Benefits	Characteristics	Physical properties		
				Form	Active matter [%]	Sodium Chloride [%]
Betaines						
TEGO® Betain C 60	Cocamidopropyl Betaine	<ul style="list-style-type: none"> - Foam boosting - High active matter - Mildness enhancer 	Highly concentrated surfactant, very mild and pure, providing good flash foam. Microbiologically stable without preservatives.	Liquid	~47	-8
TEGO® Betain CK KB 5	Cocamidopropyl Betaine	<ul style="list-style-type: none"> - Easy to process - Mildness enhancer - Easy to thicken 	Proven standard product with good thickening properties.	Liquid	~30	-5
TEGO® Betain F 50	Cocamidopropyl Betaine	<ul style="list-style-type: none"> - Mildness enhancer - High active matter - Easy to process 	Very pure, concentrated surfactant. Microbiologically stable without preservative. Good thickening properties.	Liquid	~38	-6
TEGO® Betain F KB 5	Cocamidopropyl Betaine	<ul style="list-style-type: none"> - Mildness enhancer - Compatible with anionics - Easy to thicken 	Proven standard product. High purity. Preserved with sodium benzoate.	Liquid	~30	-5
TEGO® Betain F KM 1	Cocamidopropyl Betaine	<ul style="list-style-type: none"> - Easy to thicken - Compatible with anionics - Mildness enhancer 	Proven standard product. High purity. Preserved with methylisothiazolinone.	Liquid	~30	-5
TEGO® Betain ZF	Cocamidopropyl Betaine	<ul style="list-style-type: none"> - Easy to thicken - Compatible with anionic surfactants 	Amphoteric surfactant suitable for oral care applications. Preserved with sodium benzoate.	Liquid	~30	-5
Speciality betaines						
TEGO® Betain 810	Capryl/Capramidopropyl Betaine	<ul style="list-style-type: none"> - Low skin irritation - Basically non-irritant - Foam boosting 	Mild specialty surfactant. Very low mucous membrane irritation. Suitable for mild cleansing formulations (facial cleaner). In combination with anionic surfactants it provides high foam volume. Preservative-free.	Liquid	~35	-7.5
TEGO® Betain CK D	Cocamidopropyl Betaine	<ul style="list-style-type: none"> - High active matter - Highly efficient 	Specialty surfactant for waterless formulations. Preservative-free.	Powder	~82	-15
TEGO® Betain HS KB 5	Cocamidopropyl Betaine; Glyceryl Laurate	<ul style="list-style-type: none"> - Easy to thicken - Soft and smooth skin feel - Creamy dense foam 	Surfactant blend for very mild formulations. Provides mild refatting effects on skin and hair. Preserved with sodium benzoate.	Liquid	~30	-5
REWOTERIC® AM B U 185	Undecylenamidopropyl Betaine	<ul style="list-style-type: none"> - Basically non-irritant - Easy to thicken - Compatible with anionic surfactants 	Very mild surfactant. Suitable for anti-dandruff shampoos. Good viscosity regulation. Preservative-free.	Liquid	~30	-5.5
Amphoacetates						
REWOTERIC® AM 2 C NM	Disodium Cocoamphodiacetate	<ul style="list-style-type: none"> - Mildness enhancer - High active matter - Easy to thicken 	Concentrated surfactant for hair and skin cleansing. Improves conditioning on skin and hair at acidic pH. Preservative-free.	Liquid	~39	-9.5
REWOTERIC® AM C	Sodium Cocoamphoacetate	<ul style="list-style-type: none"> - Thickening properties - Mildness enhancer - Easy to process 	Mild surfactant with good skin compatibility. High foaming properties. Preservative-free.	Liquid	~32	-7

SURFACTANTS

A broad spectrum of different surfactant types for a wide range of functions, performance profiles and benefits.



Product name	INCI name	Benefits	Characteristics	Physical properties		
				Form	Solid content [%]	Sodium Chloride [%]
Amphopropionates						
REWOTERIC® AM KSF 40	Sodium Cocoamphopropionate	- Salt-free - Mildness enhancer - High active matter	Mild, amphoteric surfactant with good foaming properties. Salt-free. Especially suitable for electrolyte sensitive formulations.	Liquid	~40	
Sulfosuccinates						
REWOCID® SB U 185 KE	Disodium Undecylenamido MEA-Sulfosuccinate	- High active matter - Low skin irritation	Very mild surfactant recommended for application in anti-dandruff shampoos. Good skin compatibility. Preserved with sodium benzoate, potassium sorbate.	Liquid	~50	
REWODERM® S 1333 KM 5	Disodium Ricinoleamido MEA-Sulfosuccinate	- High active matter - Low skin irritation	Very mild sulfosuccinate. Especially suitable for sensitive skin formulations and baby shampoos. Preserved with decylene glycol, methylisothiazolinone.	Liquid	~40	
REWOPOL® SB CS 50 B	Disodium PEG-5 Laurylcitrate Sulfosuccinate; Sodium Laureth Sulfate	- Basically non-irritant - High active matter	Very mild surfactant. Good foaming and cleansing power. Recommended for cleansing of sensitive skin and for baby products. Preserved with sodium benzoate.	Liquid	~40	
REWOPOL® SB F 12 P	Disodium Lauryl Sulfosuccinate	- High active matter - PEG-free	Mild anionic surfactant for waterless formulations. Powder. Improves foam and mildness of syndet bars or combo bars.	Powder	~95	
REWOPOL® SB FA 30 B	Disodium Laureth Sulfosuccinate	- Mildness enhancer - Easy to process	Universal, mild anionic surfactant for skin and hair cleansing products. Preserved with sodium benzoate.	Liquid	~40	
REWOPOL® SB Z U	Disodium PEG-4 Cocamido MIPA-Sulfosuccinate	- High active matter - Mildness enhancer - Easy to process	Very mild, concentrated anionic surfactant with good foaming and cleansing behavior.	Liquid	~50	
Surfactant blends						
REWOTERIC® AM G 30	Disodium Lauroamphodiacetate; Sodium Lauryl Sulfate; Hexylene Glycol	- High active matter - Foam boosting	Mild surfactant blend which provides an excellent cleansing effect. Boosts foam volume. Easy to handle. Preservative-free.	Liquid	~45	~7

RHEOLOGICAL ADDITIVES

Stable viscosity and an excellent sensory profile—that's what you get with our broad variety of thickening agents.



Product name	INCI name	Benefits	Physical properties	
			Characteristics	Form
Lipophilic, low-molecular-weight rheological additives				
ANTIL® CM 90	Cocamide MEA	<ul style="list-style-type: none"> - Shear thinning flow behavior - Temperature stable viscosities 	Non-ionic surfactant with thickening properties. Suitable for gels and paste formulations. Creates temperature-stable viscosities.	Pellets
ANTIL® HS 60	Cocamidopropyl Betaine; Glyceryl Laurate	<ul style="list-style-type: none"> - Cold processable - Creamy, dense foam - Soft and smooth skin feel 	PEG-free refatting agent with good thickening properties, providing a pleasant skin feel in skin cleansing formulations.	Liquid
ANTIL® Soft SC	Sorbitan Sesquicaprylate	<ul style="list-style-type: none"> - Cold processable - Shear thinning flow behavior - Refatting - Fully based on renewable sources 	PEG-free naturally derived thickening agent for surfactant systems with high efficacy. Multifunctional: improves foam creaminess and skin feel, efficient solubilizing properties.	Liquid
ANTIL® SPA 80	Isostearamide MIPA; Glyceryl Laurate	<ul style="list-style-type: none"> - Cold processable - PEG-free - Temperature-stable viscosities 	Liquid MIPA derivative. Highly effective at low concentrations. Provides temperature-stable viscosities. Highly suitable for PEG-free formulations. Provides hair and skin care properties.	Liquid
REWOCID® DU 185 SE	Undecylenamide DEA	<ul style="list-style-type: none"> - Shear thinning flow behavior - Temperature-stable viscosities 	Thickener and refatting agent for special formulations. Suitable for foot or skin care preparations. Additive for anti-dandruff shampoos.	Liquid
REWOMID® DC 212 S	Cocamide DEA	<ul style="list-style-type: none"> - Cold processable - Shear thinning flow behavior - Temperature-stable viscosities 	Liquid thickening agent. Improves the foaming power. Easy to process at room temperature.	Liquid
REWOMID® IPP 240	Cocamide MIPA	<ul style="list-style-type: none"> - High active matter - Shear thinning flow behavior 	Good thickening properties. Soluble in surfactants at 50°C.	Pellets
TEGO® Alkanol L 4	Laureth-4	<ul style="list-style-type: none"> - Easy to process - Viscosity building 	Thickening agent and solubilizer for personal cleansing preparations.	Liquid
TEGOSOFT® PC 31	Polyglyceryl-3 Caprate	<ul style="list-style-type: none"> - Cold processable - Shear thinning flow behavior - Soft and smooth skin feel - Fully based on renewable sources 	PEG-free, refatting agent with excellent thickening properties for shampoos, liquid soaps and bath oils. Provides a skin smoothing effect.	Liquid
VARISOFT® PATC	Palmitamidopropyltrimonium Chloride	<ul style="list-style-type: none"> - Hair and skin conditioning - Viscosity enhancer 	Efficient conditioning agent with good thickening properties. Fully soluble in clear surfactant-based formulations.	Soft paste

RHEOLOGICAL ADDITIVES

Stable viscosity and an excellent sensory profile—that's what you get with our broad variety of thickening agents.



Product name	INCI name	Benefits	Physical properties	
			Characteristics	Form
Hydrophilic, highly ethoxylated rheological additives				
ANTIL® 120 Plus	PEG-120 Methyl Glucose Dioleate	<ul style="list-style-type: none"> - Cold processable - Newtonian flow behavior - Very efficient 	Sugar-based rheological additive for aqueous surfactant systems. Suitable for many formulations such as hair shampoos, shower gels, foam baths, liquid soaps or hand wash pastes.	Pellets
ANTIL® 127	PEG-120 Methyl Glucose Dioleate	<ul style="list-style-type: none"> - Excellent thickening properties - Water soluble - Can be processed hot or cold in every production step - Stable over a wide pH range (4.5–9.0) - Reduces the irritation potential of surfactants 	Sugar-based rheological additive for aqueous surfactant systems. Suitable for many formulations such as hair shampoos, shower gels, foam baths, liquid soaps or hand wash pastes.	Liquid
ANTIL® 141 liquid	Propylene Glycol; PEG-55 Propylene Glycol Oleate	<ul style="list-style-type: none"> - Cold processable - Newtonian flow behavior 	Rheological additive for aqueous surfactant systems. Good thickening properties in common surfactant systems.	Liquid
ANTIL® 171	PEG-18 Glyceryl Oleate/Cocoate	<ul style="list-style-type: none"> - Cold processable - Newtonian flow behavior - Easy to process 	Rheological additive for aqueous surfactant systems. Cold processable in every step of the production, highly effective. Acts as a solubilizer and improves foam.	Liquid
ANTIL® 200	PEG-200 Hydrogenated Glyceryl Palmate; PEG-7 Glyceryl Cocoate	<ul style="list-style-type: none"> - Cold processable - Newtonian flow behavior - Very efficient 	Very effective thickening agent. Especially suitable for difficult to thicken formulations. Naturally derived. Mild additive recommended for baby products and for other mild hair and skin cleansing formulations for delicate skin. Refatting properties.	Pasty liquid
REWODERM® LI S 80	PEG-200 Hydrogenated Glyceryl Palmate; PEG-7 Glyceryl Cocoate	<ul style="list-style-type: none"> - Cold processable - Newtonian flow behavior - Easy to process 	Effective thickening agent. Naturally derived. Very mild additive recommended for baby products and for other mild hair and skin cleansing formulations for delicate skin.	Pasty liquid
REWODERM® LI 520-70	PEG-200 Hydrogenated Glyceryl Palmate	<ul style="list-style-type: none"> - Efficient - Newtonian flow behavior - Easy to process 	Effective thickening agent for hair and body cleansing products. Naturally derived. Solubilizer for hydrophobic components. Very mild.	Pasty liquid
REWOPAL® PEG 6000 DS A	PEG-150 Distearate	<ul style="list-style-type: none"> - Very efficient - Newtonian flow behavior 	Extremely effective additive for difficult to thicken surfactant systems.	Pellets

RHEOLOGICAL ADDITIVES

Stable viscosity and an excellent sensory profile—that’s what you get with our broad variety of thickening agents.



Product name	INCI name	Benefits	Characteristics	Physical properties				Suitable for		
				Form	Viscosity	Electrolyte tolerance	Fast dispersing (in water)	Emulsion stabilization	Clear gels	Personal cleaners
Carbomer										
TEGO® Carbomer 134	Carbomer	- Cold processable - Highly efficient	Viscosity builder/adjuster and emulsion stabilizer for products such as O/W creams. Medium crosslinked acrylic acid polymer.	Powder	Medium	Low		Medium		
TEGO® Carbomer 140	Carbomer	- Cold processable - Highly efficient	Viscosity adjuster/builder and emulsion stabilizer for high viscous formulas (e.g. clear water- or alcohol-based gels). Highly crosslinked acrylic acid polymer.	Powder	High	Low		Medium	●	
TEGO® Carbomer 140 G	Carbomer	- Cold processable - Highly efficient - Easy to process	Granulated viscosity adjuster/builder and emulsion stabilizer for high viscous formulas (e.g. clear water- or alcohol-based gels). Highly crosslinked acrylic acid polymer. Granules should be dissolved in the hot water phase of emulsions. Solvent: n-heptane (class III solvent acc. Pharmacopoeia).	Granulate	High	Low		Medium	●	
TEGO® Carbomer 141	Carbomer	- Cold processable - Highly efficient	Viscosity builder/adjuster and emulsion stabilizer for products such as O/W lotions. Low crosslinked acrylic acid polymer.	Powder	Low	Medium		High/medium		
TEGO® Carbomer 141 G	Carbomer	- Cold processable - Highly efficient - Easy to process	Granulated viscosity adjuster/builder and emulsion stabilizer for low viscous formulas such as O/W lotions. Low crosslinked acrylic acid polymer. Granules should be dissolved in the hot water phase of emulsions. Solvent: n-heptane (class III solvent acc. Pharmacopoeia).	Granulate	Low	Medium		High/medium		
TEGO® Carbomer 340 FD	Carbomer	- Cold processable - Highly efficient	Easy to disperse viscosity builder/adjuster and emulsion stabilizer, dissolves quickly in water. Suitable for high viscous formulations (e.g. clear water- or alcohol-based gels). Highly crosslinked acrylic acid polymer. Improved wettability.	Powder	High	Low	●	Medium	●	
TEGO® Carbomer 341 ER	Acrylates/C10-30 Alkyl Acrylate Crosspolymer	- Cold processable - Highly efficient - Electrolyte compatible	High emulsion stabilizing potential. Especially suitable for O/W lotions, creams and hydrogels. Viscosity builder/adjuster for personal cleansing products with higher electrolyte level. Alkyl modified, low crosslinked acrylic acid polymer.	Powder	Medium	High		High		●
TEGO® Carbomer 750 HD	Acrylates/C10-30 Alkyl Acrylate Crosspolymer	- Cold processable - Highly efficient - Electrolyte compatible	Easy to disperse viscosity builder/adjuster and emulsion stabilizer. Excellent suitability for high electrolyte level formulations. Alkyl modified, low crosslinked acrylic acid polymer. Solvent: n-heptane (class III solvent acc. Pharmacopoeia).	High density powder	High	High		High/medium	●	●
TEGO® Carbomer 841 SER	Acrylates/C10-30 Alkyl Acrylate Crosspolymer	- Synergistic thickening with electrolytes - Highly efficient - Excellent clarity	Cross-linked polyacrylic acid copolymer especially designed to control the rheology of surfactant systems. Well suited for mild, sulfate-/PEG-/amide-free or nonionic formulations, which are difficult to thicken. Due to its synergistic thickening with electrolytes, it can be used for various personal cleansing products. Solvent: n-heptane and ethyl acetate (class III solvent acc. Pharmacopoeia)	High density powder	High	High		High	●	●

PEARLIZING AGENTS

Easy to apply pearling agents provide body washes/shower gels, shampoos and conditioners with a brilliant pearlescence for a luxuriant appearance.



Product name	INCI name	Benefits	Physical properties	
			Characteristics	Form
TEGIN® BL 315	Glycol Distearate	<ul style="list-style-type: none"> - High active matter - Cost-efficient 	Pearlizing agent. Bright white pearl effect.	Pellets
TEGIN® G 1100 Pellets	Glycol Distearate	<ul style="list-style-type: none"> - High active matter - Cost-efficient 	Pearlizing agent with typical, brilliant effect. A broad solidification temperature results in good processability.	Pellets
TEGO® Pearl N 100	Glycol Distearate; Steareth-4	<ul style="list-style-type: none"> - Cold processable - Easy to process 	Liquid, cold processable dispersion of crystalline ethylene glycol distearate, especially suitable to give skin and hair cleansing products a rich pearl appearance. White, brilliant pearling effect. Nonionic, suitable for shampoos as well as for hair rinses. Easy to handle. Preserved with sodium benzoate.	Liquid
TEGO® Pearl N 300	Glycol Distearate; Laureth-4; Cocamidopropyl Betaine	<ul style="list-style-type: none"> - Cold processable - Easy to process - Viscosity enhancer 	Liquid, cold processable, highly concentrated pearling agent for shampoos, shower and bath preparations. Brilliant fine pearling effect. Easy to handle. Increases the viscosity. Preserved with sodium benzoate.	Liquid
TEGO® Pearl S 33 PB	Sodium C14-16 Olefin Sulfonate; Glycol Distearate; Cocamidopropyl Betaine; Sorbitan Laurate	<ul style="list-style-type: none"> - Cold processable - Easy to process 	Liquid, cold processable dispersion of crystalline ethylene glycol distearate. Especially suitable to give skin and hair cleansing products a rich, brilliant pearl appearance. Preserved with sodium benzoate, phenoxyethanol.	Liquid

HYDROPHILIC EMOLLIENTS

Our special emollients generate a pleasant skin feel, exert a refatting effect and improve hair combability.



Product name	INCI name	Benefits	Physical properties	
			Characteristics	Form
Silicone-based products				
ABIL® B 8832	Bis-PEG/PPG-20/20 Dimethicone	<ul style="list-style-type: none"> - Cold processable - Soft and smooth skin feel - Soft and smooth hair feel 	Provides a pleasant feel and smoother skin when used in skin cleansing products. Contributes to improved rheology and gel strength of water-in-Si emulsions. Improves foam quality.	Liquid
ABIL® B 8843	PEG-14 Dimethicone	<ul style="list-style-type: none"> - Cold processable 	Improves skin feel of shower gels, shampoos etc. Stable, creamy foam. Plasticizing agent for hair setting polymers and hair fixatives.	Liquid
ABIL® B 8851	PEG/PPG-14/4 Dimethicone	<ul style="list-style-type: none"> - Cold processable - Soft and smooth skin feel - Soft and smooth hair feel 	Improves wet comb properties. Pleasant feel on wet hair. Lubricant in shaving foams.	Liquid
ABIL® B 8852	PEG/PPG-4/12 Dimethicone	<ul style="list-style-type: none"> - Cold processable - Soft and smooth skin feel - Soft and smooth hair feel 	Improves wet and dry comb properties. Strongly refatting because of its lipophilic character.	Liquid
Ethoxylated emollients				
REWODERM® LI 63	PEG-30 Glyceryl Cocoate	<ul style="list-style-type: none"> - High active matter - Solubilizing 	Nonionic surfactant with solubilizing properties. Good skin and mucous membrane compatibility. Decreases irritation potential of surfactants.	Soft paste
REWODERM® LI 67-75	PEG-80 Glyceryl Cocoate	<ul style="list-style-type: none"> - Cold processable - Solubilizing 	Nonionic surfactant with solubilizing properties. Good skin and mucous membrane compatibility. Decreases irritation potential of surfactants.	Liquid
TEGOSOFT® GC	PEG-7 Glyceryl Cocoate	<ul style="list-style-type: none"> - Cold processable - Solubilizing - Soft and smooth skin feel 	Hydrophilic emollient for mild shampoos, shower and bath preparations. Leaves a pleasant skin feel. Gives a dense, creamy foam. Decreases irritation potential of surfactants.	Liquid
TEGOSOFT® GMC 6	PEG-6 Caprylic/Capric Glycerides	<ul style="list-style-type: none"> - Cold processable - Solubilizing - Soft and smooth skin feel 	Hydrophilic emollient for mild shampoos, shower and bath preparations. Leaves a pleasant skin feel. Very good solubilizer.	Liquid
PEG-free emollients				
ANTIL® HS 60	Cocamidopropyl Betaine; Glyceryl Laurate	<ul style="list-style-type: none"> - Cold processable - Creamy, dense foam - Soft and smooth skin feel 	PEG-free refatting agent, providing pleasant skin feel to skin cleansing formulations. Temperature-independent thickening agent for aqueous surfactant systems. Cold processable thickening agent with thixotropic flow behavior (low tendency towards stringiness). Decreases irritation potential of surfactants.	Liquid
ANTIL® Soft SC	Sorbitan Sesquicaprylate	<ul style="list-style-type: none"> - Cold processable - Shear thinning flow behavior - Refatting 	PEG-free, naturally derived thickening agent for surfactant systems with high efficacy. Multifunctional: improves foam creaminess and skin feel, efficient solubilizing properties.	Liquid
TEGOSOFT® LSE 65 K Soft Plus	Sucrose Cocoate	<ul style="list-style-type: none"> - Soft and smooth skin feel - Clear soluble - Thickening properties - Fully based on renewable sources 	PEG-free emollient exhibiting a pleasant refatting effect. Good thickening properties.	Soft paste
TEGOSOFT® PC 31	Polyglyceryl-3 Caprate	<ul style="list-style-type: none"> - Cold processable - Shear thinning flow behavior - Soft and smooth skin feel - Fully based on renewable sources 	PEG-free refatting agent with excellent thickening properties. Provides pleasant skin feel.	Liquid

SOLUBILIZERS AND CO-EMULSIFIERS

Our wide-ranging profile, part of which is naturally derived, offers easy to apply specialist ingredients for stable W/O and O/W emulsions and surfactant systems.



Product name	INCI name	Benefits	Characteristics	Physical properties	
				Form	HLB value
TAGAT® CH 40	PEG-40 Hydrogenated Castor Oil	- Solubilizing	Universal solubilizer for essential oils.	Highly viscous paste	~13
TAGAT® S	PEG-30 Glyceryl Stearate	- Solubilizing	Solubilizer. Emulsifier for O/W creams and lotions.	Liquid, partially solid	~16
TEGO® Alkanol S 2 P	Steareth-2	- Solubilizing	Emulsifier for cosmetic W/O and co-emulsifier for O/W emulsions. Suitable for skin care creams and lotions, deodorant/antiperspirant sprays and roll-ons. Stable emulsions over a wide pH range. Easy to process. Naturally derived.	Pellets	~5
TEGO® SML	Sorbitan Laurate	- Enables creamy emulsions - PEG-free	PEG-free, nonionic emulsifier for the formulation of W/O emulsions. Co-emulsifier for O/W emulsions. Suitable for skin care creams and lotions, hand creams and sun care products.	Liquid	~9
TEGO® SML 20	Polysorbate 20	- Easy to process - Solubilizing	Mild, nonionic secondary surfactant for hair and skin cleansing products. Solubilizer for lipophilic substances. Hydrophilic emulsifier for O/W emulsions.	Liquid	~17
TEGO® SMS 60	Polysorbate 60	- Easy to process - Solubilizing	Hydrophilic secondary surfactant for O/W emulsification, dispersion and solubilization of lipophilic substances.	Pourable paste	~15
TEGO® SMO 80 V	Polysorbate 80	- Easy to process - Solubilizing	Solubilizer for lipophilic substances. Hydrophilic emulsifier for O/W emulsions. Naturally derived.	Liquid	~15
TEGO® SMO V	Sorbitan Oleate	- Enables creamy emulsions - PEG-free - Fully based on renewable sources	PEG-free, nonionic emulsifier for the formulation of W/O emulsions. Co-emulsifier for O/W emulsions. Suitable for skin care creams and lotions, hand creams and sun care products.	Liquid	~4
TEGO® SIS 40	PEG-40 Sorbitan Perisostearate	- Easy to process - Solubilizing	Nonionic product with good emulsifying and solubilizing properties. Co-emulsifier for W/O lotions and soft creams. Suitable for the formulation of self-emulsifying bath oils.	Liquid	~9
TEGO® Solve 61	Polyglyceryl-6 Caprylate; Polyglyceryl-4 Caprate; Polyglyceryl-4 Cocoate; Polyglyceryl-6 Ricinoleate	- PEG-free - Easy to process - Solubilizing - Fully based on renewable sources	Solubilizer for highly lipophilic substances like natural fatty oils (e.g. olive, sunflower, argan oil) or lipophilic emollients. It is easy to handle and cold processable. Suitable for e.g. cleaning solutions or detergent systems like shampoos or shower gels, where it can also give mitigating properties as well as effective moisturization and skin feel benefits.	Liquid	~11
TEGOSOFT® GC	PEG-7 Glyceryl Cocoate	- Easy to process - Solubilizing - Soft, smooth skin feel	Solubilizer for lipophilic substances. Hydrophilic refatting agent for mild shampoos, shower and bath preparations. Leaves a pleasant skin feel. Gives a dense, creamy foam. Reduces the irritation potential of surfactants.	Liquid	~11
TEGOSOFT® PC 41	Polyglyceryl-4 Caprate	- PEG-free - Easy to process - Solubilizing - Fully based on renewable sources	Emulsifier in self-emulsifying oil formulations with elevated water level. PEG-free refatting agent especially for the use in body washes, liquid soaps, bath oils and wet wipes.	Liquid	~14

A close-up photograph of a woman's face and shoulder. She has light brown hair and blue eyes, looking slightly to the right. Her skin is smooth and glowing. A bright, glowing yellow liquid is being poured over her shoulder, creating a shimmering effect. The background is a soft, out-of-focus green and white, with bokeh light effects scattered throughout.

SKIN CARE

From raw materials and high-tech actives to specialized ingredients and auxiliaries, we offer everything you need for the formulation of beneficial cosmetic skin care products—with exceptional sensory profiles and verifiable efficacy.

- W/O emulsifiers
- O/W emulsifiers
- Stabilizers
- Liquid lipophilic emollients
- Waxy lipophilic emollients
- Actives for skin care
- Deodorant agents/Odor absorbers
- UV filters/Cosmetic particles

W/O EMULSIFIERS

High performance emulsifiers for W/O creams and lotions that impart a soft, light skin feel.



Product name	INCI name	Benefits	Characteristics	Physical properties	
				Form	HLB value
Silicone-based emulsifiers					
ABIL® EM 90	Cetyl PEG/PPG-10/1 Dimethicone	<ul style="list-style-type: none"> - Excellent stabilization capability - Cold processable - Light skin feel 	Emulsifier for bright white cosmetic W/O emulsions with excellent heat and freeze/thaw stability. Unusually broad range of applications: creams, soft creams, lotions. Paraffin-free and paraffin-containing formulations are possible. For formulations with high content of vegetable oils or active ingredients. For sun protection preparations with high content of organic and/or physical UV filters.	Liquid	~5
ABIL® EM 97 S	Bis-PEG/PPG-14/14 Dimethicone; Dimethicone	<ul style="list-style-type: none"> - Silky and light skin feel - Cold processable - Particularly suited for water-in-silicone emulsions 	Emulsifier for cosmetic water-in-silicone emulsions as well as co-emulsifier for water-in-oil and oil-in-water emulsions imparting a velvety and silky skin feel. Good release properties of AP salts in W/Si-based AP/deo formulations. Suitable for the preparation of make-up formulations.	Liquid	~5
ABIL® EM 180	Cetyl PEG/PPG-10/1 Dimethicone	<ul style="list-style-type: none"> - Excellent stabilization capability - Low usage concentration - Electrolyte tolerance - Cold processable 	High molecular weight emulsifier with particularly pronounced stabilization capabilities. Very low usage concentration down to 0.5% possible. Particularly recommended for challenging formulation systems like quick breaking emulsions or high UV filter loadings.	Liquid	~5
ABIL® WE 09	Polyglyceryl-4 Isostearate; Cetyl PEG/PPG-10/1 Dimethicone; Hexyl Laurate	<ul style="list-style-type: none"> - Enables creamy emulsions - For pigment containing systems - Cold processable 	Emulsifier for bright white cosmetic W/O creams and lotions with excellent heat and freeze/thaw stability. Formulations with all kinds of cosmetic oils. High compatibility with active ingredients. Emulsifier for sun protection preparations with high content of organic and/or physical UV filters.	Liquid	~5
PEG-free, silicone-based emulsifiers					
ABIL® EM 120	Bis-(Glyceryl/Lauryl) Glyceryl Lauryl Dimethicone; Caprylic/Capric Triglyceride	<ul style="list-style-type: none"> - PEG-free - For pigment containing systems - Cold processable 	Multipurpose, PEG-free, silicone-based W/O emulsifier especially suitable for color foundations or other pigment-containing emulsions. It can be used as well for white systems like serums, creams and lotions. Special benefits are seen in AP/Deo applications too.	Liquid	~4

W/O EMULSIFIERS

Manufactured from renewable raw materials and PEG-free they can be used for the formulation of W/O creams and lotions.



Product name	INCI name	Benefits	Characteristics	Physical properties	
				Form	HLB value
PEG-free, glycerin- or sugar-based emulsifiers					
ISOLAN® GI 34	Polyglyceryl-4 Isostearate	<ul style="list-style-type: none"> - Enables creamy emulsions - PEG-free - Fully based on renewable sources 	Emulsifier for cosmetic W/O creams with good heat and freeze/thaw stability. Formulations with and without paraffin oils are possible. As isostearic acid ester stable to oxidation.	Liquid	~5
ISOLAN® GO 33	Polyglyceryl-3 Oleate	<ul style="list-style-type: none"> - Enables creamy emulsions - PEG-free - Fully based on renewable sources 	Emulsifier based on vegetable oleic acid. Suitable for cosmetic W/O creams with good heat and freeze/thaw stability. Paraffin-free and paraffin-containing formulations are possible.	Liquid	~5
ISOLAN® GPS	Polyglyceryl-4 Diisostearate/Polyhydroxystearate/Sebacate	<ul style="list-style-type: none"> - For lotions with a low oil phase content - PEG-free - Fully based on renewable sources - Cold processable 	Excellent emulsion stabilization properties even at low concentrations (2–3%). Used in low viscous W/O lotions with a very light skin feel. Allows the formulation of W/O lotions with a very low content of oil phase providing a pleasant, non-oily skin feel.	Liquid	~5
ISOLAN® IS	Methyl Glucose Isostearate	<ul style="list-style-type: none"> - Enables creamy emulsions - PEG-free 	Sugar-based, nonionic co-emulsifier for W/O creams. Moisturizing properties.	Liquid	~5
ISOLAN® PDI	Diisostearoyl Polyglyceryl-3 Dimer Dilinoleate	<ul style="list-style-type: none"> - Good stabilizing properties - PEG-free - Fully based on renewable sources - Cold processable 	Suitable for W/O creams and lotions with a brilliant white appearance and pleasant application properties. Compatible with all kinds of cosmetic oils and commonly used active ingredients.	Liquid	~5
TEGIN® O V	Glyceryl Oleate	<ul style="list-style-type: none"> - Enables creamy emulsions - PEG-free - Fully based on renewable sources 	Emulsifier for cosmetic W/O creams with high amounts of paraffins. Emulsions with high stability at elevated temperatures and good freeze/thaw stability.	Paste	~3

W/O EMULSIFIERS

Manufactured from renewable raw materials and PEG-free they can be used for the formulation of W/O creams and lotions.



Product name	INCI name	Benefits	Characteristics	Physical properties		
				Form	HLB value	Melting point [°C]
Sorbitan esters						
TEGO® SML	Sorbitan Laurate	<ul style="list-style-type: none"> - Enables creamy emulsions - PEG-free - Fully based on renewable sources 	PEG-free, nonionic emulsifier for the formulation of W/O emulsions. Co-emulsifier for O/W emulsions. Suitable for skin care creams and lotions, hand creams and sun care products.	Liquid	~9	
TEGO® SMO V	Sorbitan Oleate	<ul style="list-style-type: none"> - Enables creamy emulsions - PEG-free - Fully based on renewable sources 	PEG-free, nonionic emulsifier for the formulation of W/O emulsions. Co-emulsifier for O/W emulsions. Suitable for skin care creams and lotions, hand creams and sun care products.	Liquid	~4	
TEGO® SMS	Sorbitan Stearate	<ul style="list-style-type: none"> - Enables creamy emulsions - PEG-free - Fully based on renewable sources 	PEG-free co-emulsifier for O/W emulsions. Suitable for skin care creams and lotions, hand creams and sun care products.	Powder	~5	~52
TEGO® STO V	Sorbitan Trioleate	<ul style="list-style-type: none"> - Enables creamy emulsions - PEG-free - Fully based on renewable sources 	PEG-free, nonionic emulsifier for the formulation of W/O emulsions. Co-emulsifier for O/W emulsions. Suitable for skin care creams and lotions, hand creams and sun care products.	Liquid	~2	
PROTEGIN®						
PROTEGIN® W	Petrolatum; Ozokerite; Hydrogenated Castor Oil; Glyceryl Isostearate; Polyglyceryl-3 Oleate	<ul style="list-style-type: none"> - Enables creamy emulsions - PEG-free - Rich and caring skin feel 	Optimally balanced cream base consisting of emulsifiers, waxes and paraffins. For formulating solid W/O creams with excellent skin care properties. Stability at elevated temperatures and good freeze/thaw stability. In addition to PROTEGIN® W, 2–5% of cosmetic oils can be added to the oil phase.	Waxy paste	~3	~78
PROTEGIN® WX	Petrolatum; Ozokerite; Hydrogenated Castor Oil; Glyceryl Isostearate; Polyglyceryl-3 Oleate	<ul style="list-style-type: none"> - Enables creamy emulsions - PEG-free - Rich and caring skin feel 	Optimally balanced cream base consisting of emulsifiers, waxes and paraffins. For formulating solid W/O creams with excellent skin care properties. Stability at elevated temperatures and good freeze/thaw stability. In addition to PROTEGIN® WX, 3–10% of cosmetic oils can be added to the oil phase.	Waxy paste	~3	~79
PROTEGIN® XN	Paraffinum Liquidum (EU)/Mineral Oil (USA); Petrolatum; Ozokerite; Glyceryl Oleate; Lanolin Alcohol	<ul style="list-style-type: none"> - Enables creamy emulsions - PEG-free - Rich and caring skin feel 	Optimally balanced cream base consisting of emulsifiers, waxes and paraffins. All ingredients of PROTEGIN® XN are in agreement with recommendations of COLIPA and IKW for the use of raw materials in lip care products. For formulating solid W/O creams with excellent skin care properties. Stability at elevated temperatures and good freeze/thaw stability. In addition to PROTEGIN® XN, 2–5% of cosmetic oils can be added to the oil phase.	Waxy paste	~3	

O/W EMULSIFIERS

A comprehensive range of easy to apply silicone- and plant-based emulsifiers for emulsions with all kinds of viscosities.



Product name	INCI name	Benefits	Characteristics	Physical properties	
				Form	HLB value
Silicone-based emulsifiers					
ABIL® Care 85	Bis-PEG/PPG-16/16 PEG/PPG-16/16 Dimethicone; Caprylic/Capric Triglyceride	<ul style="list-style-type: none"> - Silky skin feel - Enables low viscous emulsions - Cold processable 	Silicone-based emulsifier for cosmetic O/W sprays, lotions and creams with a velvety and silky skin feel and long lasting skin smoothing perception. Compatible with a wide range of cosmetic oils.	Liquid	~10
ABIL® Care XL 80	Bis-PEG/PPG-20/5 PEG/PPG-20/5 Dimethicone; Methoxy PEG/PPG-25/4 Dimethicone; Caprylic/Capric Triglyceride	<ul style="list-style-type: none"> - Silky skin feel - Enables low viscous emulsions - Cold processable 	Silicone O/W emulsifier providing an outstanding combination of stabilization, formulation flexibility and sensory benefits. Additional hair conditioning properties.	Liquid	~11
Cationic emulsifiers					
VARISOFT® PATC	Palmitamidopropyltrimonium Chloride	<ul style="list-style-type: none"> - Enables creamy emulsions - PEG-free - Dry skin feel 	Vegetable-based, cationic O/W emulsifier for lotions and creams. Provides a dry, non-oily skin feel. For formulations with a light after feel and a moisturized skin texture.	Soft paste	~14
VARISOFT® TA 100	Distearyldimonium Chloride	<ul style="list-style-type: none"> - Enables creamy emulsions - PEG-free - Dry skin feel 	Cationic O/W emulsifier based on renewable raw materials. Provides a dry, non-oily skin feel. For extremely light and quickly absorbing creams and lotions.	Powder	~11
PEG-free ready to use systems					
TEGO® Wipe DE	Diethylhexyl Carbonate; Polyglyceryl-4 Laurate; Phenoxyethanol; Methylparaben; Dilauryl Citrate; Butylparaben; Ethylparaben; Propylparaben; Isobutylparaben	<ul style="list-style-type: none"> - PEG-free - Enables low viscous/sprayable emulsions - Cold and easy to process 	Ready to use concentrate for simple processing of O/W nano-emulsions with an excellent stability profile. Suitable for the formulation of PEG-free impregnating lotions for wet wipes. Excellent make-up removing properties. Provides a light, non-oily skin feel.	Liquid	
TEGO® Wipe Flex	Ethylhexyl Stearate; Phenoxyethanol; Polyglyceryl-4 Laurate; Sorbitan Laurate; Dilauryl Citrate	<ul style="list-style-type: none"> - PEG-free - Enables low viscous/sprayable emulsions - Cold and easy to process - Enhanced formulation flexibility 	Multifunctional technology for cosmetic skin care wipes giving flexibility to formulate PEG-free O/W impregnating lotions with various sensorial profiles. TEGO® Wipe Flex allows very flexible processing procedures. Optimum formulation pH for emulsions: 5.5–7.5. Preserved with phenoxyethanol.	Liquid	
TEGO® Wipe Lux	Ethylhexyl Stearate; Sorbitan Laurate; Phenoxyethanol; Gossypium Herbaceum (Cotton) Seed Oil; Polyglyceryl-4 Laurate; Dilauryl Citrate	<ul style="list-style-type: none"> - PEG-free - Enables low viscous/sprayable emulsions - Cold and easy to process - Luxurious skin feel 	Unique PEG-free concentrate for cosmetic wet wipes containing natural Gossypium Herbaceum (Cotton) Seed Oil. Suitable for the formulation of impregnating liquids with a rich and soft skin feel. Optimum formulation pH for emulsions: 5.5–7.5. Preserved with phenoxyethanol.	Liquid	

O/W EMULSIFIERS

A comprehensive range of easy to apply plant-based emulsifiers for emulsions with all kinds of viscosities.



Product name	INCI name	Benefits	Characteristics	Physical properties		
				Form	HLB value	Melting point [°C]
PEG-free, glycerin- or sugar-based emulsifiers						
AXOL® C 62 Pellets	Glyceryl Stearate Citrate	<ul style="list-style-type: none"> - Food grade emulsifier - PEG-free - Light skin feel - Fully based on renewable sources 	PEG-free, food grade emulsifier based on vegetable raw materials for cosmetic O/W creams and lotions. Stable emulsions at pH 5.5–8.0. Easy to process. Compatible with all kinds of cosmetic oils.	Pellets	~12	~60
TEGO® Care 450	Polyglyceryl-3 Methylglucose Distearate	<ul style="list-style-type: none"> - Excellent emulsion stabilization - PEG-free - Caring skin feel - Provides moisturizing properties - Support of water resistance - Fully based on renewable sources 	Universal PEG-free emulsifier based on vegetable raw materials suitable for cosmetic O/W creams and lotions. Emulsions with pleasant application properties and high stability at elevated temperatures and good freeze/thaw stability are possible to formulate. Formulations with all kinds of cosmetic oils. Stable emulsions at pH 4.5–8.5. High compatibility with active ingredients. Proven high skin mildness.	Pellets	~12	~55
TEGO® Care CG 90	Cetearyl Glucoside	<ul style="list-style-type: none"> - Excellent emulsion stabilization - PEG-free - Low usage concentration 	Sugar-based emulsifier with low fatty alcohol content for PEG-free O/W sprays, lotions and creams. Emulsifier for natural O/W emulsions with excellent application properties and a wide temperature stability profile. Stable emulsions at a very low usage concentration. No need for co-emulsifier. Formulations with a wide range of cosmetic oils at various levels are possible.	Powder	~13	~85
TEGO® Care LTP	Sorbitan Laurate; Polyglyceryl-4 Laurate; Dilauryl Citrate	<ul style="list-style-type: none"> - Cold processable - PEG-free - Fully based on renewable sources 	A emulsifier blend for cost-effective processing of O/W emulsions for skin care, sun care or baby care applications. Suitable for cold processing of lotions and sprays and for hot processing of creams at pH 5–9.	Liquid	~11	~14
TEGO® Care PBS 6	Polyglyceryl-6 Stearate; Polyglyceryl-6 Behenate	<ul style="list-style-type: none"> - Efficient stabilization of low-viscous emulsions - Outstanding formulation flexibility for challenging ingredients - Provides moisturization properties - PEG-free - Fully based on renewable sources 	Unique, versatile PEG-free O/W emulsifier for challenging fluid emulsions. It is based on fully renewable sources and is natural certified. This powerful emulsifier shows outstanding stabilization properties in demanding systems providing broad formulation flexibility.	Pellets	~ 13	~ 54
TEGO® Care PL 4	Polyglyceryl-4 Laurate	<ul style="list-style-type: none"> - For PEG-free AP/Deo roll-ons - Light skin feel - Fully based on renewable sources 	PEG-free emulsifier for O/W lotion wipes. Suitable for the formulation of PEG-free impregnating liquids and sprays with a very fine particle size and excellent long-term heat and cold stability. Designed for special applications like PEG-free deodorant/antiperspirant roll-ons in combination with TEGO® Care PS.	Viscous liquid	~11	

O/W EMULSIFIERS

A comprehensive range of easy to apply plant-based emulsifiers for emulsions with all kinds of viscosities.



Product name	INCI name	Benefits	Characteristics	Physical properties		
				Form	HLB value	Melting point [°C]
PEG-free, glycerin- or sugar-based emulsifiers						
TEGO® Care PS	Methyl Glucose Sesquistearate	<ul style="list-style-type: none"> - For PEG-free AP/Deo roll-ons - Light skin feel 	Vegetable-based, PEG-free emulsifier suited to be used in cosmetic O/W creams and lotions. Emulsions with a bright white appearance. Pleasant application properties and with stability at elevated temperatures and a good freeze/thaw stability. Compatible with various cosmetic oils. Stable emulsions at pH 3.5–8.5. Highly compatible with active ingredients and higher amounts of electrolytes. Designed for special applications like PEG-free deodorant/antiperspirant roll-ons in combination with TEGO® Care PL 4.	Pellets	~12	~45
TEGO® Care PSC 3	Polyglyceryl-3 Dicitrate/Stearate	<ul style="list-style-type: none"> - Robust PEG-free emulsifier - For natural formulations - Light skin feel - Fully based on renewable sources 	Cost-efficient O/W emulsifier suitable for all types of cosmetic O/W creams and lotions. Good compatibility with active ingredients and electrolytes. Designed for stable emulsions at pH 3.5–8.5. Especially qualified for products preserved with organic acids at pH of 4.5 to 5.5. Providing stable emulsions even without using polyacrylate-based thickeners.	Pellets	~11	~53
TEGIN® G	Glycol Stearate SE	<ul style="list-style-type: none"> - Enables creamy emulsions - Rich and caring skin feel 	Emulsifier for cosmetic O/W creams with pleasant application properties. Stable creams at pH 6.8–8.2.	Pellets	~12	~50
TEGIN® Pellets	Glyceryl Stearate SE	<ul style="list-style-type: none"> - PEG-free - Enables creamy emulsions - Rich and caring skin feel - Fully based on renewable sources 	Proven, universal emulsifier for cosmetic O/W creams yielding pleasant application properties. Stable creams at pH 6.8–8.2.	Pellets	~12	~59

O/W EMULSIFIERS

A comprehensive range of easy to apply emulsifiers for emulsions with all kinds of viscosities.



Product name	INCI name	Benefits	Characteristics	Physical properties		
				Form	HLB value	Melting point [°C]
Ethoxylated emulsifiers						
TEGINACID®	Glyceryl Stearate; Cetareth-20	- Creamy emulsions - Rich and caring skin feel	Blend of emulsifier and consistency enhancer for cosmetic O/W creams. Stable emulsions at pH 4.0–8.5.	Granules	~12	~60
TEGINACID® C	Cetareth-25	- Creamy emulsions - Rich and caring skin feel	Universal emulsifier for cosmetic and pharmaceutical O/W creams as well as for hair rinses. Stability at elevated temperatures and good freeze/thaw stability. Compatible with all kinds of cosmetic oils and active ingredients. Stable creams at pH 4.5–8.5.	Powder	~16	~44
TEGO® Acid S 40 P	PEG-40 Stearate	- Efficient emulsifier for creams and lotions - Caring skin feel	Emulsifier for cosmetic O/W emulsions. Compatible with higher concentrations of electrolytes.	Pellets	~17	~44
TEGO® Alkanol IC 20	Isoceteth-20	- Efficient emulsifier for lotions - Caring skin feel	Nonionic emulsifier for use in skin care applications. Excellent performance as O/W emulsifier and co-emulsifier for creams and lotions. Outstanding solubilizing properties for lipophilic ingredients.	Solid	~16	
TEGO® Alkanol L 23 P	Laureth-23	- Hydrophilic emulsifier for creams and lotions - Caring skin feel	Emulsifier for cosmetic O/W emulsions. Suitable for skin care creams and lotions. Stable emulsions over a wide pH range.	Pellets	~17	~33
TEGO® Alkanol S 20 P	Steareth-20	- Hydrophilic emulsifier for creams and lotions - Caring skin feel	Emulsifier for cosmetic O/W and partially for W/O emulsions. Suitable for skin care creams and lotions, deodorant/antiperspirant sprays and roll-ons in combination with Steareth-2 or Steareth-21. Stable emulsions over a wide pH range.	Pellets	~15	~38
TEGO® Alkanol S 21 P	Steareth-21	- Hydrophilic emulsifier for creams and lotions - Caring skin feel	Nonionic emulsifier for cosmetic O/W creams and lotions. Suitable for the formulation of antiperspirants. Stable emulsions over a wide pH range.	Pellets	~15	
TEGO® Care 165	Glyceryl Stearate; PEG-100 Stearate	- Established emulsifier for creams and lotions - Rich and caring skin feel	Emulsifier for O/W creams and lotions. Excellent compatibility with active ingredients and significant amounts of electrolytes. Stable emulsions at pH 4.5–9.0.	Pellets	~11	
TEGO® Care 215	Cetareth-15; Glyceryl Stearate	- Emulsifier for sprays and lotions - Caring skin feel	Universal emulsifier for cosmetic O/W lotions with a bright white appearance and pleasant application properties. Stable lotions with stability at elevated temperatures and a good freeze/thaw stability. Stable emulsions at pH 5.5–8.5.	Pellets	~12	~50
TEGO® SMO 80 V	Polysorbate 80	- Emulsifier for sprays and lotions - Caring skin feel	Hydrophilic emulsifier for O/W emulsions. Solubilizer for lipophilic substances.	Liquid	~15	
TEGO® SMS 60	Polysorbate 60	- Emulsifier for creams and lotions - Caring skin feel	Hydrophilic secondary surfactant for O/W emulsification, dispersion and solubilization of lipophilic substances.	Pourable paste	~15	

STABILIZERS

Consistency enhancers and viscosity builders for O/W creams and lotions.
PEG-free and manufactured from renewable raw materials.



Product name	INCI name	Benefits	Characteristics	Physical properties		
				Form	HLB value	Melting point [°C]
TEGIN® 4100 Pellets	Glyceryl Stearate	- PEG-free - Fully based on renewable sources - Viscosity build-up	Consistency enhancer and co-emulsifier for O/W creams and lotions. Monoester content approx. 45%.	Pellets	~4	~61
TEGIN® M Pellets	Glyceryl Stearate	- PEG-free - Fully based on renewable sources - Viscosity build-up	Consistency enhancer and co-emulsifier for O/W creams and lotions. Monoester content approx. 60%.	Pellets	~4	~61
TEGO® Alkanol 16	Cetyl Alcohol	- PEG-free - Fully based on renewable sources - Viscosity build-up	Consistency enhancer/stabilizer in O/W emulsions. Waxy ingredient for deodorant/antiperspirant sticks.	Pellets		~49
TEGO® Alkanol 1618	Cetearyl Alcohol	- PEG-free - Fully based on renewable sources - Viscosity build-up	Consistency enhancer/stabilizer in O/W emulsions. Waxy ingredient for deodorant/antiperspirant sticks.	Pellets		~54
TEGO® Alkanol 18	Stearyl Alcohol	- PEG-free - Fully based on renewable sources - Viscosity build-up	Consistency enhancer/stabilizer in O/W emulsions. Waxy ingredient for deodorant/antiperspirant sticks.	Pellets		~59
TEGO® Alkanol 6855	Cetearyl Alcohol	- PEG-free - Fully based on renewable sources - Viscosity build-up	Consistency enhancer/stabilizer in O/W emulsions. Waxy ingredient for deodorant/antiperspirant sticks.	Pellets		~55

STABILIZERS

Efficient thickeners and viscosity builders for O/W creams, lotions and sprays.



Product name	INCI name	Benefits	Characteristics	Physical properties				
				Form	Viscosity	Electrolyte tolerance	Fast dispersing (in water)	Emulsion stabilization
Carbomer								
TEGO® Carbomer 134	Carbomer	<ul style="list-style-type: none"> - Cold processable - Especially suitable for creams 	Viscosity builder/adjuster and emulsion stabilizer for applications like O/W creams. Medium crosslinked acrylic acid polymer.	Powder	Medium	Low		Medium
TEGO® Carbomer 140	Carbomer	<ul style="list-style-type: none"> - Cold processable - High thickening efficacy 	Viscosity builder/adjuster and emulsion stabilizer for high viscous formulations (e.g. clear water- or alcohol-based gels). Highly crosslinked acrylic acid polymer.	Powder	High	Low		Medium
TEGO® Carbomer 140 G	Carbomer	<ul style="list-style-type: none"> - Highly efficient - Easy to process 	Granulated viscosity adjuster/builder and emulsion stabilizer for high viscous formulas (e.g. clear water- or alcohol-based gels). Highly crosslinked acrylic acid polymer. Granules should be dissolved in the hot water phase of emulsions. Solvent: n-heptane (class III solvent acc. Pharmacopoeia).	Granule	High	Low		Medium
TEGO® Carbomer 141	Carbomer	<ul style="list-style-type: none"> - Cold processable - Good emulsion stabilization - Especially suitable for lotions 	Viscosity builder/adjuster and emulsion stabilizer for applications like O/W lotions. Low crosslinked acrylic acid polymer.	Powder	Low	Medium		High/medium
TEGO® Carbomer 141 G	Carbomer	<ul style="list-style-type: none"> - Highly efficient - Easy to process 	Granulated viscosity adjuster/builder and emulsion stabilizer for low-viscous formulas such as O/W lotions. Low cross-linked acrylic acid polymer. Granules should be dissolved in the hot water phase of emulsions. Solvent: n-heptane (class III solvent acc. Pharmacopoeia).	Granule	Low	Medium		High/medium
TEGO® Carbomer 340 FD	Carbomer	<ul style="list-style-type: none"> - Cold processable - High thickening efficacy - Fast dispersable 	Quickly dispersible viscosity builder/adjuster and emulsion stabilizer for high-viscous formulations (e.g. clear water- or alcohol-based gels). Highly crosslinked acrylic acid polymer. Improved wettability.	Powder	High	Low	•	Medium
TEGO® Carbomer 341 ER	Acrylates/C10-30 Alkyl Acrylate Crosspolymer	<ul style="list-style-type: none"> - Cold processable - Very good emulsion stabilization - Especially suitable for gel emulsions and sprays 	High emulsion stabilizing potential. Especially suitable for O/W lotions, creams/hydrogels with high electrolyte level. Alkyl modified, low crosslinked acrylic acid polymer.	Powder	Medium	High		High
TEGO® Carbomer 750 HD	Acrylates/C10-30 Alkyl Acrylate Crosspolymer	<ul style="list-style-type: none"> - Highly efficient - Electrolyte compatible 	Easy to disperse viscosity builder/adjuster and emulsion stabilizer. Excellent suitability for high electrolyte level formulations. Alkyl modified, low crosslinked acrylic acid polymer. Solvent: n-heptane (class III solvent acc. Pharmacopoeia).	High-density powder	High	High		High/medium



LIQUID LIPOPHILIC EMOLLIENTS

Cosmetic oils are essential for the sensory profile of skin care formulations. Moreover they cover a broad spectrum of functionality in modern cosmetics.

Product name	INCI name	Benefits	Characteristics	Physical properties							
				Form	Viscosity	Surface tension	Spreadability	Polarity	Solubility of UV filters	Pour point [°C]	Cloud point [°C]
ABIL® 350	Dimethicone	- Silky skin feel - High spreading	Moisture barrier especially for skin care or skin protection formulations. Perfume and active substance fixative. Improves application properties. Non-sticky. Good emollient properties. Elimination of whitening effect from O/W emulsions.	Liquid	●●●●●	●	●●●	●	●●	<-30	<-30
ABIL® Wax 9801	Cetyl Dimethicone	- Silky skin feel - Cold processable	Enhances spreading behavior which leads to a better distribution of pigments and inorganic/organic UV filters in emulsion systems.	Liquid	●●●●	●	●●●●	●●●	●	-14	-18
ABIL® Wax 9840	Cetyl Dimethicone	- Spreading enhancer - Silky skin feel - Cold processable	Enhances spreading behavior which leads to a better distribution of pigments and inorganic/organic UV filters in emulsion systems.	Liquid	●●●●●	●	●●●●	●	●	-5	
REWOPAL® PIB 1000	Polyisobutene	- Rich and caring skin feel - Low spreading - Film forming	Glossing agent for lip gloss and lipsticks. Stabilizer for pigment dispersions such as make-up applications. Film former to enhance the water resistance of O/W sunscreen products.	Liquid	●●●●●		●		●		
TEGOSOFT® AC	Isoamyl Cocoate	- Fully based on renewable sources - Eco-efficient process - Low oiliness and quick absorption - Shows excellent wetting properties of hydrophobically coated pigments	Is a very light emollient, completely based on natural raw materials. Low viscosity, low oiliness and absorbs easily. Produced by enzymatic catalysis.	Liquid	●●	●●●	●●	●●●	●●●	-3	
TEGOSOFT® APM	PPG-3 Myristyl Ether	- Very high polarity - High spreading - Applicable in a wide pH range	Very high polar cosmetic oil with solubilizing properties. Especially suitable for transparent deodorant/anti-perspirant sticks.	Liquid	●●●●	●●●●	●●●	●●●●●	●●●●	-0	-3
TEGOSOFT® APS	PPG-11 Stearyl Ether	- Very high polarity - Medium spreading - Applicable in a wide pH range	Very high polar emollient with a pleasant skin feel. Excellent solvent for lipophilic active ingredients and perfume oils.	Liquid	●●●●●	●●●●	●●	●●●●●	●●●	-0	-13

Viscosity at 25 °C [mPa*s]:
 ● <5: very low viscosity
 ●● 5-10: low viscosity
 ●●● 10-20: medium viscosity
 ●●●● 20-50: high viscosity
 ●●●●● >50: very high viscosity

Surface tension [mN/m] (of emollients saturated with water):
 ● <25: very low
 ●● 25-27: low
 ●●● 27-29: medium
 ●●●● 29-31: high
 ●●●●● >31: very high

Spreadability according to spreading area in polyacrylamide substrate after 5 min [mm²] (of emollients saturated with water):
 ● <20: low spreading
 ●● 20-27: medium spreading
 ●●● 27-35: high spreading
 ●●●● >35: very high spreading

Polarity according to interfacial tension against water [mN/m] (of emollients saturated with water):
 ● >34: nonpolar
 ●● 29-34: low polarity
 ●●● 20-29: medium polarity
 ●●●● 10-20: high polarity
 ●●●●● ≤10: very high polarity

Solubility ranking for organic UV filters:
 ● very low solubility
 ●● low solubility
 ●●● medium solubility
 ●●●● high solubility
 ●●●●● very high solubility



LIQUID LIPOPHILIC EMOLLIENTS

Cosmetic oils are essential for the sensory profile of skin care formulations. Moreover they cover a broad spectrum of functionality in modern cosmetics.

Product name	INCI name	Benefits	Characteristics	Physical properties							
				Form	Viscosity	Surface tension	Spreadability	Polarity	Solubility of UV filters	Pour point [°C]	Cloud point [°C]
TEGOSOFT® CI	Cetearyl Isononanoate	- Balanced sensory profile	Cosmetic oil which forms a pleasant emollient film on the skin. Good solvent for active ingredients. Stable to oxidation.	Liquid	●●●	●●●●	●●	●●●	●●●	-9	-12
TEGOSOFT® CO	Cetyl Ethylhexanoate	- Balanced sensory profile	Emollient with high spreadability and low occlusivity. Gives a pleasant skin feel. Suitable for skin care emulsions, sun care preparations and color cosmetics.	Liquid	●●●	●●●●	●●●	●●	●●	-2	-5
TEGOSOFT® CT	Caprylic/Capric Triglyceride	- Fully based on renewable sources - Balanced sensory profile	Cosmetic ester with properties similar to natural triglycerides, but with a pleasant skin feel. Solvent for lipophilic active ingredients and UV filters. Universal emollient with good skin care properties. Vegetable-based.	Liquid	●●●●	●●●●	●●	●●●	●●●●●	-4	
TEGOSOFT® DC	Decyl Cocoate	- Fully based on renewable sources - Eco-efficient process - Medium to light skin feel - Shows very good wetting properties of hydrophobically coated pigments	Natural based low viscous and highly pure cosmetic oil. Especially suitable for O/W sunscreen emulsions. Produced by enzymatic catalysis.	Liquid	●●	●●●●	●●●	●●	●●●	-16	
TEGOSOFT® DEC	Diethylhexyl Carbonate	- Good spreadability - Light skin feel - High solubility for UV filters	Very light oil with low viscosity, high spreading properties and good solvency for crystalline actives. Unique emollient especially suitable for light and non-oily skin care and sun care products.	Liquid	●●	●●●	●●●	●●	●●●●	<-30	
TEGOSOFT® E	PPG-15 Stearyl Ether	- High dissolving power due to very high polarity - Medium spreading - Applicable in a wide pH range	Versatile emollient for cosmetic applications offering a non-occlusive skin feel. Very high polar, viscous oil with medium spreading and excellent solvent properties for active ingredients.	Liquid	●●●●●	●●●●	●●	●●●●●	●●●	-0	
TEGOSOFT® liquid	Cetearyl Ethylhexanoate	- Balanced sensory profile	Medium-viscosity cosmetic ester, similar to natural preen gland fat. Good spreading properties.	Liquid	●●●	●●●●	●●	●●	●●●	-0	-2
TEGOSOFT® M	Isopropyl Myristate	- Non-oily skin feel - Shows very good wetting properties of hydrophobically coated pigments	Universal cosmetic emollient with medium spreading properties. Low-viscous solvent for active ingredients, oil-soluble UV filters and pigments.	Liquid	●●	●●●	●●	●●●	●●●	-8	

Viscosity at 25 °C [mPa*s]:
 ● <5: very low viscosity
 ●● 5-10: low viscosity
 ●●● 10-20: medium viscosity
 ●●●● 20-50: high viscosity
 ●●●●● >50: very high viscosity

Surface tension [mN/m] (of emollients saturated with water):
 ● <25: very low
 ●● 25-27: low
 ●●● 27-29: medium
 ●●●● 29-31: high
 ●●●●● >31: very high

Spreadability according to spreading area in polyacrylamide substrate after 5 min [mm²] (of emollients saturated with water):
 ● <20: low spreading
 ●● 20-27: medium spreading
 ●●● 27-35: high spreading
 ●●●● >35: very high spreading

Polarity according to interfacial tension against water [mN/m] (of emollients saturated with water):
 ● >34: nonpolar
 ●● 29-34: low polarity
 ●●● 20-29: medium polarity
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 ● very low solubility
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LIQUID LIPOPHILIC EMOLLIENTS

Cosmetic oils are essential for the sensory profile of skin care formulations. Moreover they cover a broad spectrum of functionality in modern cosmetics.

Product name	INCI name	Benefits	Characteristics	Physical properties							
				Form	Viscosity	Surface tension	Spreadability	Polarity	Solubility of UV filters	Pour point [°C]	Cloud point [°C]
TEGOSOFT® OER	Oleyl Erucate	- Fully based on renewable sources - Eco-efficient process - Rich and caring skin feel	Nature-based highly pure cosmetic ester oil. Emollient imparts a caring and smooth skin feel in cosmetic formulations. Properties similar to natural jojoba oil. Produced by Evonik unique enzymatic process.	Liquid	●●●●	●●●●●	●●	●●●	●●	-13	-19
TEGOSOFT® OP	Ethylhexyl Palmitate	- Balanced and silky skin feel	Universal oil with skin caring properties. Good solubilizing properties for active ingredients.	Liquid	●●●	●●●	●●	●●	●●●	-1	
TEGOSOFT® OS	Ethylhexyl Stearate	- Balanced skin feel	Medium-viscosity cosmetic oil with good spreading properties. Universal use.	Liquid	●●●	●●●●	●●	●●	●●●	-8	
TEGOSOFT® P	Isopropyl Palmitate	- Medium to light skin feel - Shows very good wetting properties of hydrophobically coated pigments	Light emollient with medium spreading properties and high refatting characteristics. Good solubilizer for oil-soluble active ingredients.	Liquid	●●	●●●	●●	●●●	●●●●	-14	
TEGOSOFT® PBE	PPG-14 Butyl Ether	- High dissolving power due to very high polarity - Low spreading - Applicable in a wide pH range	Emollient combining a smooth skin feel with excellent suspending properties for antiperspirant actives. Especially suitable for AP/Deo and skin care formulations.	Liquid	●●●●●	●●●●●	●	●●●●●	●●●	<-30	
TEGOSOFT® TIS	Triisostearin	- Fully based on renewable sources - Rich and caring skin feel - Low spreading	Emollient with caring properties. Suitable for skin care products, toiletries and decorative cosmetics.	Liquid	●●●●●	●●●●	●	●●●●●	●●●	<-30	
TEGOSOFT® TN	C12-15 Alkyl Benzoate	- High dissolving power due to very high polarity	Emollient with excellent solvent properties for lipophilic active ingredients and UV filters. Especially suitable for sun care formulations and skin care products. Leaves a pleasant non-oily skin feel.	Liquid	●●●	●●●●●	●●	●●●●●	●●●●●	~-6	
TEGOSOFT® TN 2	C12-15 Alkyl Benzoate	- High dissolving power due to very high polarity	Emollient with excellent solvent properties for lipophilic active ingredients and UV filters. Especially suitable for sun care formulations and skin care products. Leaves a pleasant non-oily skin feel.	Liquid	●●●	●●●●●	●●	●●●●●	●●●●●	~-6	
TEGOSOFT® XC	Phenoxyethyl Caprylate	- Outstanding solvent for UV filters - Light and elegant skin feel	Emollient with excellent solvent properties for UV filters and lipophilic active ingredients. Especially suited for sun care applications. Imparts a pleasant, non-oily skin feel. Suited for stable low-viscous formulations due to water-like density.	Liquid	●●	●●●●●	●	●●●●●	●●●●●	~-7	

Viscosity at 25 °C [mPa*s]:
 ● <5: very low viscosity
 ●● 5-10: low viscosity
 ●●● 10-20: medium viscosity
 ●●●● 20-50: high viscosity
 ●●●●● >50: very high viscosity

Surface tension [mN/m] (of emollients saturated with water):
 ● <25: very low
 ●● 25-27: low
 ●●● 27-29: medium
 ●●●● 29-31: high
 ●●●●● >31: very high

Spreadability according to spreading area in polyacrylamide substrate after 5 min [mm²] (of emollients saturated with water):
 ● <20: low spreading
 ●● 20-27: medium spreading
 ●●● 27-35: high spreading
 ●●●● >35: very high spreading

Polarity according to interfacial tension against water [mN/m] (of emollients saturated with water):
 ● >34: nonpolar
 ●● 29-34: low polarity
 ●●● 20-29: medium polarity
 ●●●● 10-20: high polarity
 ●●●●● ≤10: very high polarity

Solubility ranking for organic UV filters:
 ● very low solubility
 ●● low solubility
 ●●● medium solubility
 ●●●● high solubility
 ●●●●● very high solubility

WAXY LIPOPHILIC EMOLLIENTS

Versatile ingredients to create the ideal sensory profile in skin care products, these emollients leave behind a cared-for, silky skin feel without fatty and greasy residues.



Product name	INCI name	Benefits	Characteristics	Physical properties	
				Form	Melting point [°C]
ABIL® Wax 2434	Stearoxy Dimethicone	- Silky skin feel	Liquid to waxy component for skin and hair care emulsions, color cosmetics and deodorant sticks. The silicone component provides optimum cosmetic properties like silky gloss on hair and a pleasant, non-greasy skin feel. The product is easy to emulsify and soluble in cosmetic oils. Has an emollient character and improves pigment dispersion.	Waxy paste	-25
ABIL® Wax 2440	Behenoxy Dimethicone	- Silky and caring skin feel	Waxy component for skin and hair care emulsions, color cosmetics and deodorant sticks. The silicone component provides optimum cosmetic properties like silky gloss on hair and a pleasant, non-greasy skin feel. The product is easy to emulsify and soluble in cosmetic oils. Has an emollient character and improves pigment dispersion.	Waxy paste	-40
ABIL® Wax 9800	Stearyl Dimethicone	- Non-greasy skin feel	Liquid to waxy component for skin and hair care emulsions, color cosmetics and deodorant sticks. The silicone component provides optimum cosmetic properties like silky gloss on hair and a pleasant, non-greasy skin feel. The product is easy to emulsify and soluble in cosmetic oils. Has an emollient character and improves pigment dispersion.	Waxy paste	-26
TEGOSOFT® CR	Cetyl Ricinoleate	- Fully based on renewable sources - Eco-efficient process - Silky and caring skin feel	Natural based highly pure cosmetic wax ester. Imparts silky, but non-oily skin feel. Melts at skin temperature. Especially suitable for skin care products. Produced by enzymatic catalysis.	Waxy paste	-27
TEGOSOFT® MM	Myristyl Myristate	- Fully based on renewable sources - Eco-efficient process - Rich and caring skin feel - Shows very good wetting properties of hydrophobically coated pigments	Natural based highly pure cosmetic wax. Imparts body to O/W emulsions, especially lotions. Leaves a pleasant soft skin feel. Produced by enzymatic catalysis.	Pellets	-40
TEGOSOFT® SH	Stearyl Heptanoate	- Fully based on renewable sources - Caring skin feel - Provides silky skin feel with a cooling effect - Shows good wetting properties of hydrophobically coated pigments	Emollient which melts at skin temperature. Gives a silky, but non-oily skin feel. Especially suitable for skin care products.	Waxy paste	-28

ACTIVES FOR SKIN CARE

As high-tech specialties, sophisticated active complexes and high-quality plant extracts, these products offer a broad range of activities.



Product name	INCI name	Benefits	Characteristics	Physical properties		Market subsegments							
				Form	Anti-aging	Sensitive skin	Protection	Moisturization	Skin tone modulation	Blemished/Oily skin	Body care		
Ceramide III	Ceramide NP	<ul style="list-style-type: none"> - Supports the renewal of the natural protective layer of the skin - Forms an effective barrier against moisture loss and external influences - Improves the natural hydration balance - Helps damaged skin to recover from dryness 	Ceramide III is a human skin-identical ceramide of high purity. The product has a skin-identical stereochemistry due to a patented biotechnological production process. Fully based on renewable sources.		Powder		●			●			
Ceramide III B	Ceramide NP	<ul style="list-style-type: none"> - Supports the renewal of the natural protective layer of the skin - Forms an effective barrier against moisture loss and external influences - Improves the natural hydration balance - Helps damaged skin to recover from dryness 	Ceramide III B is a human skin-identical ceramide of high purity. The product has a skin-identical stereochemistry due to a patented biotechnological production process. It has better oil solubility than Ceramide III. Fully based on renewable sources.		Powder		●			●			
Ceramide VI	Ceramide AP	<ul style="list-style-type: none"> - Supports the renewal of the natural protective layer of the skin - Normalizes skin's natural desquamation process through exfoliation - Forms an effective barrier against moisture loss and external influences - Improves the natural hydration balance - Helps damaged skin to recover from dryness 	Ceramide VI is a human skin-identical ceramide with an AHA-like structure of high purity. The product has a skin-identical stereochemistry due to a patented biotechnological production process. Fully based on renewable sources.		Powder		●			●			
GluCare® S	Sodium Carboxymethyl Beta-Glucan	<ul style="list-style-type: none"> - Revitalizes skin's own active defense system - Enhances natural repair process 	GluCare® S is a highly pure, modified natural Beta-Glucan from yeast. Water-soluble up to 2%.		Powder		●						
HyaCare®	Sodium Hyaluronate	<ul style="list-style-type: none"> - Reinforces the skin's natural short- and long-term moisturization - Improves the barrier function of the skin - Improves skin elasticity - Reduces maximum skin roughness resulting in reduced wrinkle depth 	Skin-identical anti-aging moisturizer. HyaCare® is a skin-identical medium molecular weight hyaluronic acid (800 kDa), offering a breakthrough in safety and purity. Fully based on renewable sources.		Powder	○				●			○
HyaCare® 50	Hydrolyzed Hyaluronic Acid	<ul style="list-style-type: none"> - Fills wrinkles from inside - Reduces deep wrinkles as well as crow's feet - Supplies the skin with hyaluronic acid - Increases the skin's hyaluronic acid content - Rejuvenates the skin 	The tight junction-strengthening Hyaluronic Acid. HyaCare® 50 is a very low molecular weight hyaluronic acid (50 kDa) made from fermentation-derived hyaluronic acid. Fully based on renewable sources.		Powder	●				○			○
HyaCare® Filler CL	Aqua; Ethylhexyl Stearate; Sodium Hyaluronate Crosspolymer; Polyglyceryl-4 Diisostearate/ Polyhydroxystearate/Sebacate; Sodium Isostearate	<ul style="list-style-type: none"> - Instantly fills fine lines and wrinkles - Increases skin elasticity - Smooths skin surface - Thoroughly hydrates the skin 	The topical wrinkle smoother. HyaCare® Filler CL is a unique crosslinked polysaccharide made from fermentation-derived hyaluronic acid.		Emulsion	●				●			

● Key benefits ○ Additional benefits

ACTIVES FOR SKIN CARE

As high-tech specialties, sophisticated active complexes and high-quality plant extracts, these products offer a broad range of activities.



Product name	INCI name	Benefits	Characteristics	Physical properties		Market subsegments						
				Form	Anti-aging	Sensitive skin	Protection	Moisturization	Skin tone modulation	Blemished/Oily skin	Body care	
LACTIL®	Sodium Lactate; Sodium PCA; Glycine; Fructose; Urea; Niacinamide; Inositol; Sodium Benzoate; Lactic Acid	- Provides an increase in skin moisture content	LACTIL® is a composition of humectants in an aqueous solution. It mimics the Natural Moisturising Factor (NMF). Preserved with sodium benzoate.	Liquid					●			
Phytosphingosine	Phytosphingosine	- Reduces skin inflammation - Helps to improve the structural integrity of the epidermal barrier - Improves acne conditions - Visibly reduces papules and pustules - Controls the outbreak of new comedones - Reduces microorganisms disturbing the natural skin flora	"Natural" anti-inflammatory. Phytosphingosine is a skin-identical sphingoid base and major part of ceramides. It is naturally present in the stratum corneum and is part of skin's innate immune system. Fully based on renewable sources.	Powder			○				●	
Phytosphingosine Hydrochloride	Phytosphingosine HCL	- Reduces skin inflammation - Helps to improve the structural integrity of the epidermal barrier - Improves acne conditions - Visibly reduces papules and pustules - Controls the outbreak of new comedones - Reduces microorganisms disturbing the natural skin flora	Phytosphingosine Hydrochloride is the salt of the skin-identical phytosphingosine. It is water-soluble. Fully based on renewable sources.	Powder			○				●	
Phytosphingosine SLC	Salicyloyl Phytosphingosine	- Reinforces the dermal-epidermal junction of the skin - Helps to repair photodamaged skin - Reverses the signs of skin aging by providing a complete response - Smooths the skin's appearance by reducing wrinkles - Shows improvement of skin barrier function from within	Restoring dermal photoaging. Phytosphingosine SLC is a unique sphingolipid derivative of the naturally occurring skin-identical phytosphingosine which is covalently coupled with salicylic acid.	Powder	●		○		○			
SK-INFLUX®/ SK-INFLUX® V	Ceramide NP; Ceramide AP; Ceramide EOP; Phytosphingosine; Cholesterol; Sodium Lauroyl Lactylate; Carbomer; Xanthan Gum	- Restores the protective barrier function of the skin - Improves the delivery of essential ceramides into the skin - Enhances skin moisturization	SK-INFLUX®/SK-INFLUX® V is a skin-identical synergistic lipid concentrate. It is water-soluble and suited for cold processing. SK-INFLUX® V is a version of SK-INFLUX® with vegetable-derived, semi-synthetic cholesterol. SK-INFLUX®/SK-INFLUX® V preserved with methylparaben, propylparaben/phenoxylethanol.	Viscous liquid			●		●			
SKINMIMICS®	Ceteareth-25; Glycerin; Cetyl Alcohol; Behenic Acid; Cholesterol; Ceramide NP; Ceramide NS; Ceramide EOS; Ceramide EOP; Ceramide AP; Caprooyl Phytosphingosine; Caprooyl Sphingosine	- Helps skin revitalization by improving elasticity - Stimulates skin renewal - Induces skin lipid formation especially in mature skin for improved barrier function - Replenishes skin's own protecting lipid barrier - Activates skin's natural water management system	Providing the skin protection, prevention and regeneration. SKINMIMICS® is a unique delivery system based on a broad range of skin-identical ceramides and signaling SPHINGOKINES®. Preserved with phenoxylethanol.	Liquid	○		○		●			○

● Key benefits ○ Additional benefits

ACTIVES FOR SKIN CARE

As high-tech specialties, sophisticated active complexes and high-quality plant extracts, these products offer a broad range of activities.



Product name	INCI name	Benefits	Characteristics	Physical properties		Market subsegments								
				Form	Anti-aging	Sensitive skin	Protection	Moisturization	Skin tone modulation	Blemished/Oily skin	Body care			
SPHINGOKINE® NP	Caproyl Phytosphingosine	<ul style="list-style-type: none"> - Reduces skin sagging - Reshapes dermal scaffold - Plumps and densifies the skin - Flattens wrinkle depth - Tightens the skin structure and tones skin tissues 	The multilayer skin activator. SPHINGOKINE® NP is a unique, short-chain ceramide which stimulates the cross-talk between cells throughout the skin. This sphingolipid is fermentation derived from biorenewables. It has a skin identical stereochemistry due to a patented biotechnological production process.		Powder	●				○				●
TEGO® Arjuna S	Terminalia Arjuna Bark Extract; Pentylene Glycol	<ul style="list-style-type: none"> - Enhances skin nutrition by increased skin blood microcirculation - Improves skin resiliency - Improves skin density - Reduces skin sagging - Provides specific efficacy in restoring natural sebum levels of postmenopausal skin - Reduces skin scaliness leading to smoother skin and reinforced skin barrier performance 	Versatile skin vitalizer. TEGO® Arjuna S is a standardized solution of pentacyclic triterpenes extracted from the bark of the Arjun tree. It has superior, easy to use application properties and superior bioavailability.		Solution	●	○		○					○
TEGO® Cistus	Cistus Incanus Extract; Maltodextrin	<ul style="list-style-type: none"> - Provides DNA protection - Delivers daylight defense - Exhibits strong anti-oxidative and anti-inflammatory effects - Protects from environmental stress - Protects the skin from UV induced inflammation - Reduces the amount of sunburn cells 	Daylight defense to protect your DNA. TEGO® Cistus is a standardized plant extract highly enriched in polyphenols from pink rock rose. The polyphenol fraction in TEGO® Cistus is isolated from the Cistus plant via ethanol/water extraction and further enriched using a proprietary purification process. Fully based on renewable sources.		Powder	●	○	●						
TEGO® Cosmo C 100	Creatine	<ul style="list-style-type: none"> - Revitalizes the cellular energy metabolism - Provides long-term protection from premature aging and environmental stress - Helps to boost skin's natural anti-aging process - Reduces lines and wrinkles - Increases skin firmness - Prevents UVA-induced DNA damage in the skin - Protects skin cells from external damage 	Skin's cell vitalizer. TEGO® Cosmo C 100 is a pure amino acid derivative naturally occurring in the body. It is of high purity and water-soluble.		Powder	○		●						○
TEGO® Cosmo C 250	1-Methylhydantoin-2-imide	<ul style="list-style-type: none"> - Helps to brighten the skin - Evens skin color and skin tone 	TEGO® Cosmo C 250 is a pure amino acid derivative occurring naturally in the body.		Powder					●				
TEGO® Cosmo PGA	Sodium Polyglutamate	<ul style="list-style-type: none"> - Forms a film with moisturizing properties 	TEGO® Cosmo PGA is a natural and biodegradable biopolymer based on a polypeptide of L-glutamic acid.		Powder				●					
TEGO® Natural Betaine	Betaine	<ul style="list-style-type: none"> - Increases skin's moisture retention - Works as cellular osmoprotectant 	TEGO® Natural Betaine is a naturally derived amino acid with skin conditioning properties. Fully based on renewable sources.		Powder				●					

● Key benefits ○ Additional benefits

ACTIVES FOR SKIN CARE

As high-tech specialties, sophisticated active complexes and high-quality plant extracts, these products offer a broad range of activities.



Product name	INCI name	Benefits	Characteristics	Physical properties		Market subsegments							
				Form	Anti-aging	Sensitive skin	Protection	Moisturization	Skin tone modulation	Blemished/Oily skin	Body care		
TEGO® Pep 4-17	Tetrapeptide-21; Glycerin; Butylene Glycol; Aqua	<ul style="list-style-type: none"> - Shows superior collagen, hyaluronic acid and fibronectin boosting activity - Minimizes the appearance of all kinds of wrinkles - Reduces skin roughness - Increases skin elasticity - Shows strong skin firming activity - Smooths skin surface 	The ECM boosting peptide. TEGO® Pep 4-17 is a pure tetrapeptide in a preservative-free solution. The tetrapeptide is based on skin's own structure.	Solution	●								○
TEGO® Pep 4-Even	Tetrapeptide-30; Glycerin	<ul style="list-style-type: none"> - Brightens the skin - Visibly diminishes hyperchromatic spots - Improves the evenness of skin tone - Alleviates melasma on ethnic skin - Reduces acne lesions - Provides an anti-inflammatory effect - Is skin-friendly - Is active on all kinds of skin types 	Balancing skin tone. TEGO® Pep 4-Even is a pure tetrapeptide in a preservative-free solution active on all kinds of skin types.	Solution	○	○				●	○		
TEGO® Smooth	Betaine; Urea; Potassium Lactate; Sodium Polyglutamate; Hydrolyzed Sclerotium Gum	<ul style="list-style-type: none"> - Maintains skin's natural moisture level for more than 48 hours - Replenishes moisture in the stratum corneum - Supports optimized short- and long-term skin moisturization - Reduces skin scaliness leading to smoother skin and reinforced skin barrier performance - Protects stressed skin from external influences 	The multifunctional 48-hour moisturizer. TEGO® Smooth is a unique selection of active ingredients based on a patented 3-in-1 concept of topical biopolymers, keratolytic substances and osmoprotectants. Preserved with methylisothiazolinone.	Viscous liquid	○	○		●					○
TEGO® Stemlastin	Algae Extract	<ul style="list-style-type: none"> - Protects and maintains epidermal stem cell capacity for rejuvenated skin activity - Boosts elastic fibers for highly supple skin - Fights skin elasticity fatigue - Retains a youthful appearance - Delivers proven sustainability - Reduces fine lines by rejuvenation of skin cells 	Delaying chronological aging TEGO® Stemlastin is a micro algae extract of a particular red alga. It is produced in a natural, eco-friendly way using a photo bio-reactor. It delivers a special intracellular composition of extremolytes like mineral nutrients, amino acids and algae polyphenols. Preserved with sodium benzoate, potassium sorbate.	Solution	●			●					○
TEGO® Turmerone	Curcuma Longa (Turmeric) Root Extract	<ul style="list-style-type: none"> - Has a significant antioxidant activity - Induces endogenous cellular defence mechanisms against oxidative stress - Is ideal for the improvement of skin radiance and evenness of skin tone 	The golden spice of India. TEGO® Turmerone is the purified turmeric oil extracted from the root of Curcuma longa with improved color and odor. It contains at least 65% of turmerones. Fully based on renewable sources.	Liquid		○		●		●			
TEGO® Xymenynic	Caprylic/Capric Triglyceride; Xymenynic Acid	<ul style="list-style-type: none"> - Minimizes body imperfections due to cellulite - Significantly diminishes the appearance of orange peel skin - Perceivably improves skin texture - Provides visibly firmer-looking, resilient skin - Improves antioxidation mechanisms - Increases cellular detoxification 	The skin firmer. TEGO® Xymenynic is a highly purified phytochemical compound extracted from sandalwood seeds.	Solution	○	○	○						●
TEGOSOFT® PSE 141 G	Sucrose Stearate	<ul style="list-style-type: none"> - Vegetable-based - PEG-free 	TEGOSOFT® PSE 141 G is a moisturizing co-emulsifier for O/W creams and lotions with refatting properties. Fully based on renewable sources.	Pellets					●				

● Key benefits ○ Additional benefits

DEODORANT AGENTS/ODOR ABSORBERS

Our specialist deodorant ingredients: a purpose-designed co-emulsifier and high-performance actives based on zinc ricinoleate.



Product name	INCI name	Benefits	Physical properties	
			Characteristics	Form
TEGO® Cosmo P 813	Polyglyceryl-3 Caprylate	<ul style="list-style-type: none"> - Provides immediate and extended anti-microbial benefits and 24 hours reserve efficacy - Shows activity boost on demand - Is mild to the skin 	TEGO® Cosmo P 813 is a cosmetic co-emulsifier especially beneficial in antiperspirant and deodorant formulations. Easily incorporated into a wide range of formulations. Fully based on renewable sources.	Highly viscous liquid
TEGODEO® CW 90	Zinc Ricinoleate; Tetrahydroxypropyl Ethylenediamine; Laureth-3; Propylene Glycol	<ul style="list-style-type: none"> - Removes unpleasantly smelling substances - Absorbs odor 	TEGODEO® CW 90 is based on zinc salt of ricinoleic acid. Especially suitable for clear, alcohol-based deodorant formulations with up to 60% of water.	Liquid
TEGODEO® HY 77	Zinc Ricinoleate; Triethanolamine; Dipropylene Glycol; Lactic Acid	<ul style="list-style-type: none"> - Removes unpleasantly smelling substances - Absorbs odor 	TEGODEO® HY 77 is based on zinc salt of ricinoleic acid. Especially suitable for clear deodorant formulations with a high alcohol content (up to 70%).	Liquid
TEGODEO® PY 88 G	Zinc Ricinoleate	<ul style="list-style-type: none"> - Removes unpleasantly smelling substances - Absorbs odor 	TEGODEO® PY 88 G is based on zinc salt of ricinoleic acid. Especially suitable for emulsion type of deodorant formulations.	Pellets

UV FILTERS/COSMETIC PARTICLES

Capable of providing special benefits to formulations: titanium dioxide for UV protection, and powders for improved skin feel or mattifying properties.

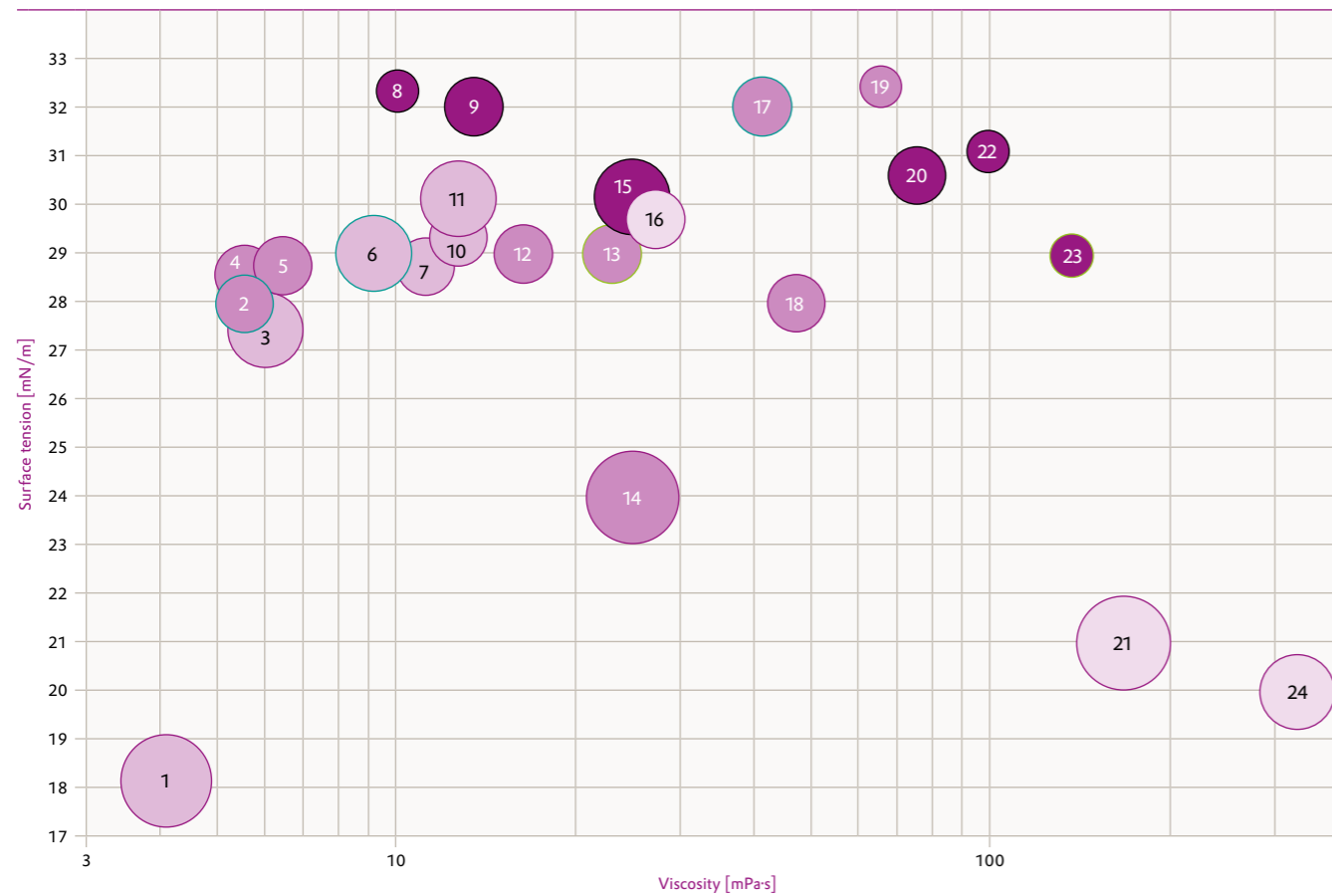


Product name	INCI name	Benefits	Characteristics	Physical properties			
				Form	pH value	Micropigment content	Average particle size
UV filters							
TEGO® Sun T 805/ TEGO® Sun T 805 G	Titanium Dioxide; Trimethoxycaprylylsilane	<ul style="list-style-type: none"> - Has a high UVB absorption and a one-star rating for UVA protection - Provides a synergistic SPF improvement in combination with organic UV filters - Facilitates excellent water resistance 	TEGO® Sun T 805/TEGO® Sun T 805 G is a hydrophobically coated microfine titanium dioxide. The micropigment content is ~ 95%. It is especially dispersible in polar emollients. It is compatible with avobenzene (BMDM). TEGO® Sun T 805 G is produced under controlled GMP conditions and has FDA approval.	Fine powder	~3.5 (4% suspension in water)	~95%	
TEGO® Sun TDEC 45	Titanium Dioxide; Diethylhexyl Carbonate; Polyglyceryl-6 Polyhydroxystearate	<ul style="list-style-type: none"> - Provides a high SPF response and a one-star rating UVA protection due to the optimized particle size - Easy to process 	TEGO® Sun TDEC 45 is a highly filled liquid dispersion of microfine hydrophobically modified titanium dioxide in TEGOSOFT® DEC. The micropigment content is ~45%. It is compatible with avobenzene (BMDM).	Liquid dispersion		~45%	
Cosmetic powders							
TEGO® Feel Green	Cellulose	<ul style="list-style-type: none"> - Fully based on renewable sources - Provides homogenous texture and optimized skin feel - Improves the absorption and reduces greasiness, oiliness and tackiness of formulations. - Displays high oil and water absorption capacity 	Unique, sensorial additive based on cellulose particles. TEGO® Feel Green does not undergo any derivatization or covalent chemical modification.	Fine powder			4-10 µm
TEGOLON® 12-10	Nylon-12	<ul style="list-style-type: none"> - High oil absorption - Mattifying properties - Less tackiness results in a pleasant skin feel 	Polyamide powder for use in color cosmetics, especially pressed powders and foundations. Suitable also for nail polishes and aerosols. Lowest water absorption of all commercially available Nylon-12 grades. Enhances skin feel and reduces shine. Particle size 6 micron.	Fine powder	~6.0 (10% suspension in water)		3.5-6.5 µm
TEGOLON® 12-20	Nylon-12	<ul style="list-style-type: none"> - High oil absorption - Mattifying properties - Less tackiness results in a pleasant skin feel 	Polyamide powder for use in color cosmetics, e.g. lipsticks, foundations, skin care and sun care. Combines soft touch with good absorption properties. Improves ease of application and spreadability. Provides an enhancement of skin feel and a reduced skin shine. Particle size 10 micron.	Fine powder	~6.0 (10% suspension in water)		8.0-12.0 µm
TEGOLON® ECO 10-10	Nylon-10/10	<ul style="list-style-type: none"> - Fully based on renewable sources - High oil absorption - Mattifying properties - Less tackiness results in a pleasant skin feel 	TEGOLON® ECO 10-10 consists of polyamide particles. This new polyamide grade is based on Nylon-10/10, a polyamide that is made in a polycondensation process of sebacic acid and decamethylene diamine. Both raw materials are derived from castor oil and are therefore fully vegetable-based. A life cycle assessment of TEGOLON® ECO 10-10's carbon footprint is significantly lower compared to petrochemically based Nylon materials (kg CO ₂ -equivalent/kg Nylon).	Fine powder	~6.0 (10% suspension in water)		8.0-12.0 µm

GUIDE TO EMOLLIENT SELECTION

Chart to identify the suitable emollient (product list on page 87) for your desired skin feel.

Emollient chart



Size of circles: proportional to spreadability. The smaller/bigger the size of circle the lower/higher the spreadability.
 Color of circles: very high polar < > non-polar.
 Color of outline: fully vegetable based; fully vegetable based and enzymatically produced.

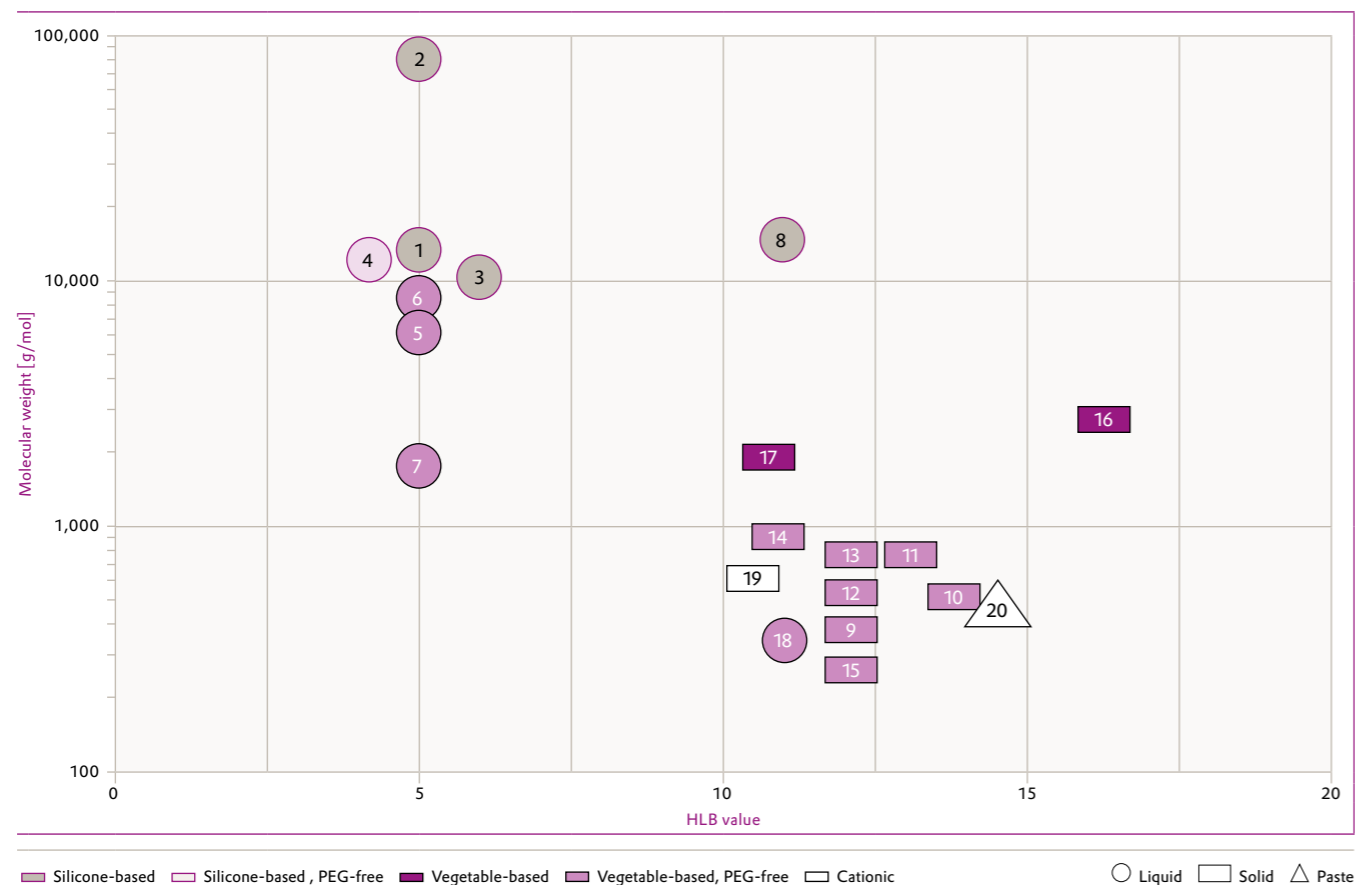
List of products

No.	Product name	INCI name
1	Cyclopentasiloxane	Cyclopentasiloxane
2	TEGOSOFT® AC	Isoamyl Cocoate
3	TEGOSOFT® DEC	Diethylhexyl Carbonate
4	TEGOSOFT® M	Isopropyl Myristate
5	TEGOSOFT® P	Isopropyl Palmitate
6	TEGOSOFT® DC	Decyl Cocoate
7	TEGOSOFT® OP	Ethylhexyl Palmitate
8	TEGOSOFT® XC	Phenoxyethyl Caprylate
9	TEGOSOFT® TN	C12-15 Alkyl Benzoate
10	TEGOSOFT® OS	Ethylhexyl Stearate
11	TEGOSOFT® CO	Cetyl Ethylhexanoate
12	TEGOSOFT® CI	Cetearyl Isononanoate
13	TEGOSOFT® CT	Caprylic/Capric Triglyceride
14	ABIL® Wax 9801	Cetyl Dimethicone
15	TEGOSOFT® APM	PPG-3 Myristyl Ether
16	Mineral Oil	Mineral Oil
17	TEGOSOFT® OER	Oleyl Erucate
18	Octyldodecanol	Octyldodecanol
19	Avocado Oil	Persea Gratissima (Avocado) Oil
20	TEGOSOFT® E	PPG-15 Stearyl Ether
21	ABIL® Wax 9840	Cetyl Dimethicone
22	TEGOSOFT® PBE	PPG-14 Butyl Ether
23	TEGOSOFT® TIS	Triisostearin
24	ABIL® 350	Dimethicone

GUIDE TO EMULSIFIER SELECTION

Chart to identify the suitable emulsifier (product list on page 89) for your desired application.

Emulsifier landscape



List of products

No.	Product name	INCI name	Suitable for		
			Cream	Lotion	Spray
W/O emulsifier					
1	ABIL® EM 90	Cetyl PEG/PPG-10/1 Dimethicone	•	•	
2	ABIL® EM 180	Cetyl PEG/PPG-10/1 Dimethicone	•	•	
3	ABIL® EM 97 S	Bis PEG/PPG-14/14 Dimethicone; Dimethicone	•	•	
4	ABIL® EM 120	Bis-(Glyceryl/Lauryl) Glyceryl Lauryl Dimethicone; Caprylic/Capric Triglyceride	•	•	
5	ISOLAN® GPS	Polyglyceryl-4 Diisostearate/Polyhydroxystearate/Sebacate	•	•	
6	ISOLAN® PDI	Diisostearoyl Polyglyceryl-3 Dimer Dilinoleate	•	•	
7	ISOLAN® GI 34	Polyglyceryl-4 Isostearate	•		
O/W emulsifier					
8	ABIL® Care XL 80	Bis-PEG/PPG-20/5 PEG/PPG-20/5 Dimethicone; Methoxy PEG/PPG-25/4 Dimethicone; Caprylic/Capric Triglyceride	•	•	•
9	AXOL® C 62 Pellets	Glyceryl Stearate Citrate	•	•	•
10	TEGO® Care CG 90	Cetearyl Glucoside	•	•	•
11	TEGO® Care PBS 6	Polyglyceryl-6 Stearate; Polyglyceryl-6 Behenate		•	•
12	TEGO® Care PS	Methyl Glucose Sesquistearate	•	•	
13	TEGO® Care 450	Polyglyceryl-3 Methylglucose Distearate	•	•	
14	TEGO® Care PSC 3	Polyglyceryl-3 Dicitrate/Stearate	•	•	
15	TEGIN® Pellets	Glyceryl Stearate SE	•	•	
16	TEGINACID® C	Ceteareth-25	•		
17	TEGO® Care 165	Glyceryl Stearate; PEG-100 Stearate	•	•	
18	TEGO® Care LTP	Sorbitan Laurate; Polyglyceryl-4 Laurate; Dilauryl Citrate	•	•	•
Cationic emulsifier					
19	VARISOFT® TA 100	Distearyldimonium Chloride	•	•	
20	VARISOFT® PATC	Palmitamidopropyltrimonium Chloride	•	•	

BENEFITS AT A GLANCE

For value-adding products.

Active ingredients

Product name	Anti-aging					Sensitive skin		Protection					Moisturization				Skin tone modulation				Blemished/Oily skin	Body care			AP/Deo			Hair care							
	Anti-wrinkle	Firming	Re-Stretching	Anti-sagging	Anti-photoaging	Modulation of microcirculation	Skin soothing	Barrier repair	Anti-free radicals	DNA protection	Protection against environmental stress	Skin stem cell protection	Energizing	Barrier formation from within	Topical barrier formation	NMF replenishment	Hydroregulation	Brightening	Even skin tone	Radiance	Age spot reduction	Improvement of blemished skin	Anti-cellulite	Contouring	Firming	Odor absorption	Bacteriostatic	Activity on demand	Hair repair/protection	Prevents hair loss	Scalp care				
Ceramide III							●							●																	○		○		
Ceramide IIIB							●							●																	○		○		
Ceramide VI							●							●																					
GluCare® S							●																												
HyaCare®		○														●								○											
HyaCare® 50	●	○												○		○								○											
HyaCare® Filler CL	●													○		●																			
LACTIL®															●																				
Phytosphingosine/Phytosphingosine Hydrochloride						○	○														●						○						○		
Phytosphingosine SLC	○				●	○	○																												
SK-INFLUX®/SK-INFLUX® V							●								●																			○	
SKINMIMICS®		○					○							●	●	○								○										○	
SPHINGOKINE® NP	○			●										○										●											
SPHINGONY																																●	●		
TEGO® Arjuna S	○	○		●		●	○							○									○	○										○	
TEGO® Cistus				●		○		○	●	○																									
TEGO® Cosmo C 100	○	○			○				○				●											○							●			○	
TEGO® Cosmo C 250																																			
TEGO® Cosmo P 813																																			○
TEGO® Cosmo PGA																●																			
TEGO® Natural Betaine																●																			○
TEGO® Pep 4-17	●	○																						○											
TEGO® Pep 4-Even					○		○											●	●		●		○												
TEGO® Smooth		○				○										●								○											
TEGO® Stemlastin	○	●	○									●												○											
TEGO® Turmerone						○		●											○	●															
TEGO® Xymenynic		○				○		○															●	○											
TEGODEO® CW 90/HY 77/PY 88 G																										●									

● Key benefits ○ Additional benefits



SUSTAINABILITY

Consumers are aware of the environmental, social and ethical impact of the products they buy. And major retailers expect transparency about their suppliers' sustainability credentials. Evonik Personal Care is dedicated to enabling its clients to meet these demands, therefore we developed our CAREtain® sustainability approach.

SUSTAINABILITY: INVESTING IN TOMORROW.

All over the world, sustainability has become part of the mainstream discourse – gone are the days when it was a special-interest green topic. At Evonik, we see sustainability as intimately related to innovation: both are inseparable parts of good, forward-looking business. With our realization-centered approach, we work continuously to improve the ecological, economic and social impacts of our business. And we support our customers in mastering the complexity of the challenge and making meaningful advances on their paths to greater sustainability.

Climate change, dwindling resources, threatened biodiversity – the urgency to take action for more sustainable development is well established. In a 2010 survey¹⁾, more than 90% of CEOs said they believed sustainability will be critical to future success.

Evonik helps its customers cut through the complexity and make the right moves for future success. This means taking an innovative approach, anticipating and fulfilling consumer demands for better sustainability – and thus supporting our partners in securing a competitive edge for the future.

Key driver: Consumer demand

A key factor driving the trend toward greater sustainability is consumer demand. Today's consumers are informed and empowered, and they want to know all about the products they buy: what goes into them, where they come from, how much emissions result from their production, what are the working conditions at the various production sites along the supply chain.

At the same time, people demand top performance and an excellent cost-benefit ratio – especially in the personal care market.

Evonik welcomes the challenge of living up to these high expectations. Why? Because it presents us and the cosmetics manufacturers we serve with an excellent opportunity to set ourselves apart from the competition.

A sustainability strategy may be a competitive must, but claimable sustainability product benefits are a competitive advantage. In light of increasingly rigid environmental regulations and fierce competition in the personal care market, verifiable sustainability credentials can differentiate products and secure their future viability.

The only way to meet these demands is with innovative products, backed by sound supply-chain information. Evonik provides the knowledge and support needed to develop personal care products for tomorrow's consumers.

One concept, three facets.

Sustainable development is one of Evonik's most important goals. To us, it means high quality of life throughout the global community, consumption in line with the planet's resources and emissions at levels that do not harm the environment or climate. A big challenge? Yes, but not insurmountable – with meaningful actions. We approach it from three angles: ecology, economy, social responsibility.

Ecology

Ecologically sustainable development respects the environment and leaves it intact for tomorrow and beyond. It avoids impacts with negative or unknown effects. Ecologically sustainable companies fulfill a responsibility to future generations.

Economy

Only companies that adapt to new developments and needs to secure lasting business success are economically sustainable. Economic sustainability is a long-term success factor that reflects intelligent risk management and realization of opportunities.

Social responsibility

A socially responsible, ethical and inclusive approach to workforces, suppliers and communities is a key factor in securing a company's long-term viability. Because people are the driving force behind business, respect for all stakeholders is essential to sustainability.

Holistic and realistic.

Corporate responsibility strategies are as individual as the organizations that develop and implement them. Compliance with regulatory requirements is not enough: each company must define its own path to more sustainable development in terms of ecological, economic and social aspects.

Globalized markets and supply chains in the personal care industry increase the complexity of corporate responsibility. Only with reliable partners can a company consistently live up to the standards it has set – and avoid the reputational risk of being seen to say one thing and do another.

The personal care experts at Evonik focus on realization. And this approach applies equally to innovative product concepts and corporate responsibility strategies.

Dialogue

Meaningful advances in sustainability can take on many forms. But today more than ever, they almost always share certain qualities: they involve a significant commitment and strong collaboration, knowledge-driven processes and networked thinking.

Considering the resources required in developing new products and meeting the performance and sustainability demands of tomorrow's personal care market, companies with strong partners have a significant advantage. Knowledge may well be the key ingredient in the most successful formulations.

In ongoing dialogue with customers and other relevant stakeholders in the value chain, we provide support in developing eco-optimized solutions that result in claimable benefits.

Transparency

Achieving more sustainable development is an ongoing process. Along with quick wins, there are many issues that can be mastered only on a long-term basis. In the personal care industry, systematically improving sustainability demands a dynamic approach: processes and ingredients with the most positive properties can be utilized to offset others.

Eco-optimized products that deliver an enhanced ratio of impact to value represent a real contribution to sustainability. But such claims must be backed by hard facts: consumers and other stakeholders recognize superficial or misleading claims and react accordingly.

Evonik gives personal care manufacturers the hard facts they need to measure the sustainability of their products. Our commitment to transparency means showing the positive as well as negative factors of our products and processes.

¹⁾"A New Era of Sustainability", UN Global Compact Study, 2010

CERTIFICATES



Evonik Personal Care has already had some of its products certified according to exacting, internationally recognized standards governing natural cosmetics. Our work in this regard focuses on meeting the requirements of the two renowned associations NATRUE and COSMOS, both of which excel in terms of their strict criteria and sophisticated procedures. The process of product certification at Evonik Personal Care is permanent and ongoing.

For further information and an updated overview of our already certified products, please visit our website:

<http://www.evonik.com/personal-care-certificates>



NATRUE

Within the natural and organic cosmetics sector, the internationally operating non-profit association NATRUE places stringent demands on quality and credibility. The NATRUE label guarantees that the tested products are as natural as possible. Certificates are awarded in respect of three quality levels and various product categories.

For further details, please go to: <http://www.natrue.org/>

Registered Raw Material



COSMOS
approved

COSMOS

The international non-profit organization COSMOS-standard AISBL was launched with the goal of harmonizing the various standards for organic and/or natural cosmetics. Founding members are the following European organizations: BDIH (D), COSMEBIO (F), ECOCERT GREENLIFE (F), ICEA (I) and the SOIL ASSOCIATION (UK).

For further details, please go to: <http://www.cosmos-standard.org/>

DISCLAIMER

This information and all further technical advice is based on our present knowledge and experience. However, it implies no liability or other legal responsibility on our part, including with regard to existing third-party intellectual property rights, especially patent rights. In particular, no warranty, whether express or implied, or guarantee of product properties in the legal sense is intended or implied. We reserve the right to make any changes according to technological progress or further developments. The customer is not released from the obligation to conduct careful inspection and testing of incoming goods. Performance of the product described herein should be verified by testing, which should be carried out only by qualified experts in the sole responsibility of a customer. Reference to trade names used by other companies is neither a recommendation, nor does it imply that similar products could not be used.

For more detailed information or to obtain a brochure which addresses a specific area of interest, please contact the Head Office of Evonik Industries AG in Essen or contact your local representative.

Especially concerning active ingredients

This product information is not intended to provide legal or regulatory advice about product uses or claims in any jurisdiction and should not be relied upon for such guidance (especially in the United States, Canada, and Mexico). Since global regulatory requirements differ, parties accessing this information are solely responsible for determining whether the products and/or claims comply with applicable local laws and regulations, including but not limited to import and export regulations. Please contact your local Evonik representative for more product information. Evonik assumes no liability for any use of our products that is not in compliance with the requirements of the country of the user. This product is not intended to be used as a drug.

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Evonik. Power to create.