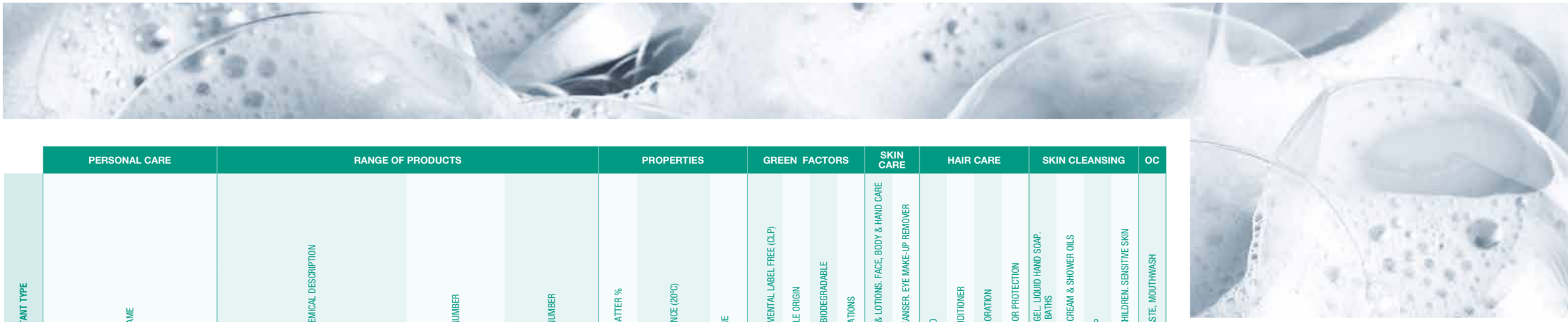
PORTFOLIO
PERSONAL CARE

PROVIDING SOLUTIONS



KAO'S SURFACTANT TECHNOLOGY APPLIED TO PERSONAL CARE

kao



PERSONAL CARE		RANGE OF PRODUCTS			PROPERTIES			GREEN FACTORS				SKIN CARE		HAIR CARE				SKIN CLEANSING				OC	
SURFACTANT TYPE	TRADE NAME	INCI - CHEMICAL DESCRIPTION	EU CAS-NUMBER	US CAS-NUMBER	ACTIVE MATTER %	APPEARANCE (20°C)	HLB VALUE	ENVIRONMENTAL LABEL FREE (CLP)	VEGETABLE ORIGIN	READILY BIODEGRADABLE	CERTIFICATIONS	CREAMS & LOTIONS. FACE, BODY & HAND CARE	FACE CLEANSER. EYE MAKE-UP REMOVER	SHAMPOO	HAIR CONDITIONER	HAIR COLORATION	HAIR COLOR PROTECTION	SHOWER GEL. LIQUID HAND SOAP. FOAMING BATHS	SHOWER CREAM & SHOWER OILS	BAR SOAP	BABY & CHILDREN. SENSITIVE SKIN	TOOTHPASTE. MOUTHWASH	BENEFITS & REMARKS
ANIONIC	**ALFANOX® 46**	Sodium C14-16 Olefin Sulfonate	68439-57-6	68439-57-6	≈ 38	Liquid	-	✓		✓				✓				✓	✓		✓		Cleansing Agent. Foaming.
	ALFANOX® 46/BA	Sodium C14-16 Olefin Sulfonate	68439-57-6	68439-57-6	≈ 38	Liquid	-	✓		✓				✓				✓	✓		✓		Cleansing Agent. Foaming. Preserved with Sodium Benzoate.
	EMAL® 10N or 10P HD	Sodium Lauryl Sulfate	85586-07-8	73296-89-6	> 95	Needles or Powder	-		✓	✓			✓	✓				✓	✓	✓		✓	Cleansing Agent. Foam Quality Improver.
	EMAL® 10G or 10G-12 or 10G-3	Sodium Lauryl Sulfate	85586-07-8	73296-89-6	> 95	Granules	-		✓	✓			✓	✓				✓	✓	✓		✓	Cleansing Agent. Foam Quality Improver.
	EMAL® 30PT	Sodium Lauryl Sulfate	85586-07-8	73296-89-6	> 95	Granules	-	✓	✓	✓												✓	Special Grade for Toothpaste Formulations.
	EMAL® 30E	Sodium Lauryl Sulfate	85586-07-8	73296-89-6	≈ 30	Liquid	-		✓	✓			✓	✓				✓	✓				Cleansing Agent. Foam Quality Improver.
	EMAL® 40TE	TEA Lauryl Sulfate	139-96-8	139-96-8	≈ 40	Liquid	-		✓	✓			✓	✓				✓	✓				Cleansing Agent. Foam Quality Improver.
	EMAL® 270D or 270E	Sodium Laureth Sulfate	68891-38-3	68891-38-3	≈ 70	Paste	-		✓	✓	✓		✓	✓			✓	✓	✓		✓		Cleansing Agent. Foaming. Easy to Thicken. EU Ecolabel (2014/893/EU).
	EMAL® 227E	Sodium Laureth Sulfate	68891-38-3	68891-38-3	≈ 27	Liquid	-		✓	✓			✓	✓			✓	✓	✓		✓		Cleansing Agent. Foaming. Easy to Thicken.
	EMAL® 228HP or 228DJM	Sodium Laureth Sulfate	68891-38-3	68891-38-3	≈ 28	Liquid	-		✓	✓	✓		✓	✓			✓	✓	✓		✓		Cleansing Agent. Foaming. Easy to Thicken. EU Ecolabel (2014/893/EU), Nordic Ecolabel (vers.3) (only EMAL 228HP). HP: Unpreserved; DJM: Preserved with 2-Bromo · 2-Nitropropene ·1,3-Diol.
	SUCCIDET® S 30 UK	Disodium Laureth Sulfosuccinate	39354-45-5	39354-45-5	≈ 33	Liquid	-		✓	✓			✓	✓			✓	✓	✓		✓	✓	Cleansing Agent. Foaming. Mild. Unpreserved.
	AKYPO® RLM 45 CA	Laureth-6 Carboxylic Acid	27306-90-7	220622-96-8	≈ 92	Liquid	-	✓	✓	✓			✓	✓		✓	✓	✓	✓		✓	✓	Cleansing Agent. Foaming. Ultra-mild. Reduction of Irritation Level.
	AKYPO® RLM 45 N	Sodium Laureth-6 Carboxylate	33939-64-9	33939-64-9	≈ 82	Paste	-	✓	✓	✓			✓	✓		✓	✓	✓	✓		✓	✓	Cleansing Agent. Foaming. Ultra-mild. Reduction of Irritation Level.
	AKYPO® RLM 100	Laureth-11 Carboxylic Acid	27306-90-7	220622-96-8	≈ 90	Liquid	-	✓	✓	✓		✓	✓	✓		✓	✓	✓	✓		✓	✓	Cleansing Agent. Ultra-mild. Reduction of Irritation Level. Recommended for Hair Color Retention.
	AKYPO® FOAM LM 25	Potassium Laureth-4 Carboxylate	2173324-94-0	2173324-94-0	≈ 60	Paste	-	✓	✓	✓			✓	✓		✓	✓	✓	✓		✓	✓	Cleansing Agent. Easy to Thicken. Foam Quality Improver. Rich, Creamy and Stable Foam. Ultra-mild. Reduction of Irritation Level.
	AKYPO® FOAM RL 40	Sodium Laureth-5 Carboxylate	33939-64-9	33939-64-9	≈ 60	Paste	-	✓	✓	✓			✓	✓		✓	✓	✓	✓		✓	✓	Cleansing Agent. Co-surfactant Foam Booster. Easy to Thicken. Ultra-mild. Reduction of Irritation Level.
	AKYPO® SOFT 45 HP	Sodium Laureth-6 Carboxylate	33939-64-9	33939-64-9	≈ 22	Liquid	-	✓	✓	✓			✓	✓		✓	✓	✓	✓		✓	✓	Cleansing Agent. Foaming. Ultra-mild. Reduction of Irritation Level.
	AKYPO® SOFT 100 BVC	Sodium Laureth-11 Carboxylate	33939-64-9	33939-64-9	≈ 70	Liquid	-	✓	✓	✓	✓		✓	✓		✓	✓	✓	✓		✓	✓	Cleansing Agent. Ultra-mild. Reduction of Irritation Level. EU Ecolabel (2014/893/EU), Nordic Ecolabel (vers.3).
	ICTEOL® K-50-E	Potassium Oleate	143-18-0	143-18-0	≈ 48	Fluid Paste	-	✓	✓	✓	✓		✓					✓					Cleansing Agent. EU Ecolabel (2014/893/EU), Non-Labelled for CLP.

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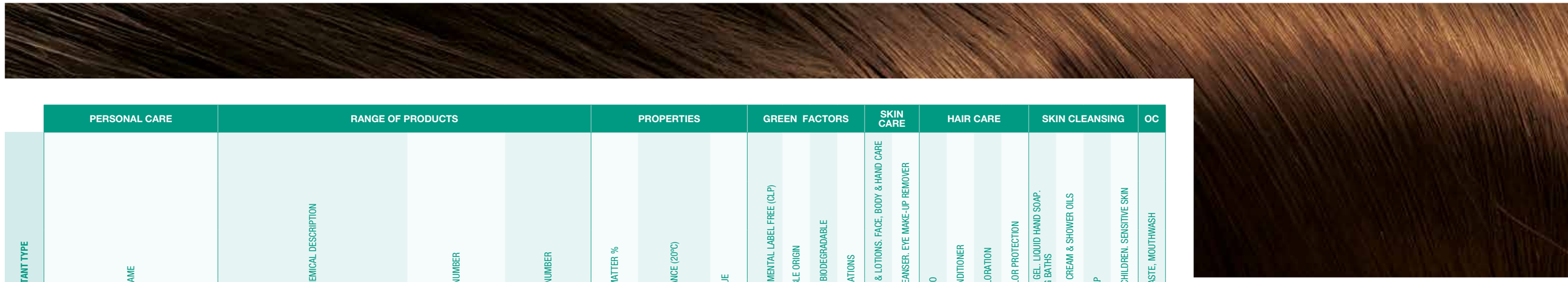

SURFACTANT TYPE	TRADE NAME	INCI - CHEMICAL DESCRIPTION	EU CAS-NUMBER	US CAS-NUMBER	ACTIVE MATTER %	APPEARANCE (20°C)	HLB VALUE	ENVIRONMENTAL LABEL FREE (CLP)	VEGETABLE ORIGIN	READILY BIODEGRADABLE	CERTIFICATIONS	CREAMS & LOTIONS. FACE, BODY & HAND CARE	FACE CLEANSER. EYE MAKE-UP REMOVER	SHAMPOO	HAIR CONDITIONER	HAIR COLORATION	HAIR COLOR PROTECTION	SHOWER GEL. LIQUID HAND SOAP. FOAMING BATHS	SHOWER CREAM & SHOWER OILS	BAR SOAP	BABY & CHILDREN. SENSITIVE SKIN	TOOTHPASTE, MOUTHWASH	BENEFITS & REMARKS
	PERSONAL CARE	RANGE OF PRODUCTS			PROPERTIES			GREEN FACTORS				SKIN CARE		HAIR CARE				SKIN CLEANSING				OC	
AMPHOTERIC	**BETADET® HR**	Cocamidopropyl Betaine	61789-40-0	61789-40-0	≈ 30	Liquid	-		✓	✓	✓		✓	✓			✓	✓	✓		✓	✓	Cleansing Agent. Foam Booster. Viscosity Increaser. Reduction of Irritation Level. EU Ecolabel (2014/893/EU).
	BETADET® HR-50K	Cocamidopropyl Betaine	147170-44-3	147170-44-3	≈ 40	Liquid	-		✓	✓	✓		✓	✓			✓	✓	✓		✓		Cleansing Agent. Foam Booster. Viscosity Increaser. Mild. Reduction of Irritation Level. EU Ecolabel (2014/893/EU).
	BETADET® S-20	Lauryl Hydroxysultaine	13197-76-7	13197-76-7	≈ 38	Liquid	-	✓	✓	✓			✓	✓			✓	✓	✓	✓	✓	✓	Cleansing Agent. Foam Booster. Viscosity Increaser. Mild. Reduction of Irritation Level. Nordic Ecolabel (vers.3)*.
	BETADET® SHR	Cocamidopropyl Hydroxysultaine	91648-19-0	68139-30-0	≈ 44	Liquid	-		✓	✓			✓	✓			✓	✓	✓	✓	✓	✓	Cleansing Agent. Foam Booster. Viscosity Increaser. Mild. Reduction of Irritation Level.
	BETADET® THC-2	Disodium Cocoamphodiacetate	68650-39-5	68650-39-5	≈ 38	Viscous Liquid	-	✓	✓	✓	✓		✓	✓			✓	✓	✓		✓	✓	Cleansing Agent. Foam Booster. Mild. Reduction of Irritation Level. EU Ecolabel (2014/893/EU).
CATIONIC	**AMIDET® APA-22**	Behenamidopropyl Dimethylamine	60270-33-9	60270-33-9	≈ 100	Pellets	-		✓	✓	✓	✓		✓	✓	✓	✓						Hair Conditioning Agent. Antistatic Effect. Levelling Agent for Hair Dyes. Viscosity Increaser. Emulsifier. EU Ecolabel (2014/893/EU), Nordic Ecolabel (vers.3).
	DANOX® HC-30	Behenamidopropyl Dimethylamine, Dipalmitoylethyl Hydroxyethylmonium Methosulfate, Cetyl Alcohol, Stearyl Alcohol, Lactic Acid	-	-	≈ 100	Pellets	-	✓	✓	✓	✓				✓								Hair Conditioning Agent. Antistatic Effect. One-Step Process. EU Ecolabel (2014/893/EU), Nordic Ecolabel (vers.3), Non-Labelled for CLP.
	QUARTAMIN® 60W25 or 60W30	Cetrimonium Chloride	112-02-7	112-02-7	≈ 25 or ≈ 30	Liquid	-		✓	✓					✓	✓							Hair Conditioning Agent.
	QUARTAMIN® 60L	Cetrimonium Chloride	112-02-7	112-02-7	≈ 50	Liquid	-		✓	✓					✓	✓							Hair Conditioning Agent.
	QUARTAMIN® AB	Behentrimonium Chloride	68607-24-9	68607-24-9	≈ 85	Pellets	-		✓	✓					✓	✓							Hair Conditioning Agent.
	QUARTAMIN® BTC 131	Behenoyl PG-Trimonium Chloride	69537-38-8	69537-38-8	≈ 70	Paste	-	✓	✓	✓		✓		✓	✓								Hair Conditioning Agent. Emulsifier.
	QUARTAMIN® BTC 131 VC	Behenoyl PG-Trimonium Chloride, Cetyl Alcohol	-	-	≈ 45	Paste	-	✓	✓	✓		✓		✓	✓								Hair Conditioning Agent. Emulsifier.
	TETRANYL® CO-40	Dioleoylethyl Hydroxyethylmonium Methosulfate	94095-35-9	157905-74-3	≈ 80	Liquid	-	✓	✓	✓	✓	✓		✓	✓								Hair Conditioning Agent. Cold Processable. Emulsifier. EU Ecolabel (2014/893/EU), Nordic Ecolabel (vers.3).
	TETRANYL® L6-30	Dipalmitoylethyl Hydroxyethylmonium Methosulfate, Cetearyl Alcohol	-	-	≈ 100	Pellets	-	✓	✓	✓	✓	✓			✓								Hair Conditioning Agent. EU Ecolabel (2014/893/EU), Nordic Ecolabel (vers.3).
	TETRANYL® U	Undecylenamidopropyltrimonium Methosulfate	94313-91-4	94313-91-4	≈ 47	Liquid	-		✓	✓				✓	✓			✓					Fungicide Booster. Hair Conditioning Agent. Antistatic Effect.
PEARLIZER	**DANOX® BF-22**	Cocamidopropyl Betaine, Laureth-4, Glycol Distearate	-	-	≈ 44	Fluid Paste	-	✓		✓			✓	✓			✓	✓	✓		✓		Appearance Modifier. Mild.
	DANOX® PL-10	Sodium Laureth Sulfate, Glycereth-2 Cocoate, Glycol Distearate	-	-	≈ 52	Fluid Paste	-	✓	✓	✓	✓		✓	✓			✓	✓	✓		✓		Appearance Modifier. Mild. Unpreserved. EU Ecolabel (2014/893/EU).
	DANOX® P-15	Sodium Laureth Sulfate, Cocamide MEA, Glycol Distearate	-	-	≈ 40	Fluid Paste	-		✓	✓			✓	✓			✓	✓	✓		✓		Appearance Modifier. Unpreserved.
	AKYPO® SAL 2010S	Sodium Laureth Sulfate, Cocamide DEA, Glycol Distearate	-	-	≈ 36	Fluid Paste	-		✓	✓				✓			✓	✓	✓				Appearance Modifier.

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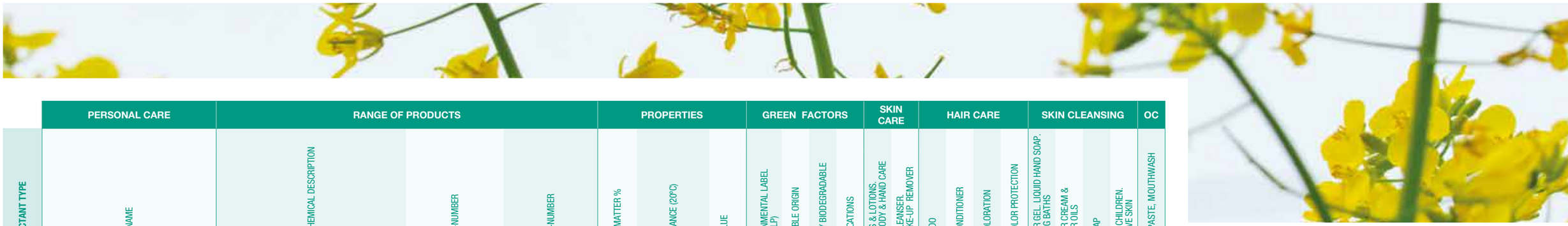

SURFACTANT TYPE	PERSONAL CARE	RANGE OF PRODUCTS			PROPERTIES			GREEN FACTORS				SKIN CARE		HAIR CARE				SKIN CLEANSING				OC	
	TRADE NAME	INCI - CHEMICAL DESCRIPTION	EU CAS-NUMBER	US CAS-NUMBER	ACTIVE MATTER %	APPEARANCE (20°C)	HLB VALUE	ENVIRONMENTAL LABEL FREE (CLP)	VEGETABLE ORIGIN	READILY BIODEGRADABLE	CERTIFICATIONS	CREAMS & LOTIONS, FACE, BODY & HAND CARE	FACE CLEANSER, EYE MAKE-UP REMOVER	SHAMPOO	HAIR CONDITIONER	HAIR COLORATION	HAIR COLOR PROTECTION	SHOWER GEL, LIQUID HAND SOAP, FOAMING BATHS	SHOWER CREAM & SHOWER OILS	BAR SOAP	BABY & CHILDREN, SENSITIVE SKIN	TOOTHPASTE, MOUTHWASH	BENEFITS & REMARKS
NON-IONIC	**OXIDET® DM-20**	Lauramine Oxide	1643-20-5	1643-20-5	≈ 30	Liquid	-		✓	✓				✓				✓					Foam Booster. Solubilizer.
	OXIDET® DMCLD	Lauramine Oxide	308062-28-4	61788-90-7	≈ 30	Liquid	-		✓	✓								✓					Foam Booster. Solubilizer.
	OXIDET® L-75 C	Cocamidopropylamine Oxide	68155-09-9	68155-09-9	≈ 33	Liquid	-	✓	✓	✓	✓		✓	✓				✓	✓		✓		Foam Booster. Viscosity Increaser. Solubilizer. EU Ecolabel (2014/893/EU), Nordic Ecolabel (vers.3).
	LEVENOL® H&B	Glycereth-2 Cocoate	68201-46-7	68201-46-7	≈ 100	Liquid	10,7	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	Mild. Foam Booster. Viscosity Increaser. Moisturizing & Skin Emollient. Cold Processable. EU Ecolabel (2014/893/EU), Nordic Ecolabel (vers.3), Non-Labelled for CLP.
	LEVENOL® C-201B	Glycereth-17 Cocoate	68201-46-7	68201-46-7	≈ 100	Liquid	12,4	✓	✓	✓	✓			✓				✓	✓		✓		Mild. Solubilizer. EU Ecolabel (2014/893/EU); Nordic Ecolabel (vers.3), Non-Labelled for CLP.
	LEVENOL® C-301B	Glycereth-7 Cocoate	68201-46-7	68201-46-7	≈ 100	Liquid	13,4	✓	✓	✓	✓			✓				✓	✓		✓		Mild. EU Ecolabel (2014/893/EU); Nordic Ecolabel (vers.3), Non-Labelled for CLP.
	AMIDET® A-111-P	Cocamide MEA	68140-00-1	68140-00-1	≈ 100	Pellets	-		✓	✓				✓			✓	✓	✓		✓		Viscosity Increaser. Foam Booster.
	AMIDET® B-112	Cocamide DEA	68603-42-9	68603-42-9	≈ 100	Liquid	-		✓	✓				✓			✓	✓	✓		✓		Viscosity Increaser. Foam Booster.
	AMIDET® N	PEG-4 Rapeseedamide	85536-23-8	827613-35-4	≈ 95	Liquid	6.0		✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	Viscosity Increaser. Foam Booster. Free of Nitrosamines. Emulsifier. Solubilizer. Levelling Agent for Hair Dyes. EU Ecolabel (2014/893/EU), Nordic Ecolabel (vers.3). Free of nitrosamines.
	AMIDET® A15	Trideceth-2 Carboxamide MEA	107628-04-6	107628-04-6	≈ 95	Liquid	-		✓	✓				✓		✓	✓	✓			✓		Viscosity Increaser. Foam Booster. Levelling Agent for Hair Dyes.
	AMIDET® A/17	PEG-5 Cocamide	61791-08-0	61791-08-0	≈ 100	Liquid	10,5	✓	✓	✓						✓							Viscosity Increaser. Foam Booster. Levelling Agent for Hair Dyes.
	EMANON® EV-E	Glycereth-7 Caprylate/Caprate	361459-38-3	361459-38-3	≈ 100	Liquid	15,8	✓	✓	✓	✓	✓	✓	✓				✓	✓			✓	Foam Booster. Deposition of Actives. EU Ecolabel (2014/893/EU), Nordic Ecolabel (vers.3).
	EMANON® HE	PEG-7 Glyceryl Cocoate	68201-46-7	68201-46-7	≈ 100	Liquid	12,6	✓	✓	✓		✓	✓	✓				✓	✓		✓		Mild. Moisturizing & Skin Emollient. EU Ecolabel (2014/893/EU), Nordic Ecolabel (vers.3), Non-Labelled for CLP.
	EXCEPARL® LM-LC	Lauryl Lactate	6283-92-7	6283-92-7	≈ 100	Liquid	-		✓	✓	✓	✓	✓	✓	✓		✓	✓	✓		✓	✓	Viscosity Increaser. Cold Processable. Moisturizing & Skin Emollient. UV Solubilizer. ECOCERT.
	KAO SOFCARE® GP-1	PPG-3 Caprylyl Ether	29117-02-0	29117-02-0	≈ 100	Liquid	-	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓		✓		Foam Booster. Viscosity Increaser. Deposition of Actives. Silicone-Feel. EU Ecolabel (2014/893/EU) (limited), Nordic Ecolabel (vers.3), Non-Labelled for CLP.
	KAOPAN® SP-010	Sorbitan Oleate	1338-43-8	1338-43-8	≈ 100	Liquid	4,3	✓				✓	✓										Emulsifier. Non-Labelled for CLP.
	KAOPAN® TW-IS399S	PEG-160 Sorbitan Triisostearate	54392-28-8	54392-28-8	≈ 75	Viscous Liquid	-	✓	✓			✓	✓	✓				✓	✓		✓		Viscosity Increaser. Cold Processable. Non-Labelled for CLP.
	KAOPAN® TW L120	Polysorbate 20	9005-64-5	9005-64-5	≈ 100	Liquid	16,7	✓	✓	✓		✓	✓	✓		✓		✓	✓		✓		Emulsifier. Solubilizer. Non-Labelled for CLP.
	KAOPAN® TW S120	Polysorbate 60	9005-67-8	9005-67-8	≈ 100	Liquid	14,9	✓	✓	✓		✓	✓			✓							Emulsifier. Non-Labelled for CLP.
	FINDET® 1214N/23	Laureth-11 & Myreth-11	68439-50-9	68439-50-9	≈ 100	Solid Paste	14,6		✓	✓		✓	✓			✓							Emulsifier.
	FINDET® 1618A/18	Ceteareth-6	68439-49-6	68439-49-6	≈ 100	Waxy Solid	10,5		✓	✓		✓	✓			✓							Emulsifier.
	FINDET® 1618A/35-P	Ceteareth-23	68439-49-6	68439-49-6	≈ 100	Pellets	15,9	✓	✓	✓		✓	✓			✓							Emulsifier.
	FINDET® 1618A/72-P	Ceteareth-60	68439-49-6	68439-49-6	≈ 100	Pellets	18,3	✓	✓			✓	✓			✓							Emulsifier. Non-Labelled for CLP.
	FINDET® 1816/32-E	Oleth-20 & Ceteth-20	68920-66-1	68920-66-1	≈ 100	Solid	15,4		✓	✓		✓	✓			✓							Emulsifier.
	FINDET® ARH/52 - AKYPO ROX CO 400	PEG-40 Hydrogenated Castor Oil	61788-85-0	61788-85-0	≈ 100	Soft Paste	13,9	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		Solubilizer. Non-Labelled for CLP.
	KALCOL® 6098	Cetyl Alcohol	36653-82-4	36653-82-4	≈ 100	Solid	-	✓	✓	✓	✓	✓	✓	✓	✓	✓			✓				Emulsion Stabilizer. Opacifying Agent. Viscosity Increaser. EU Ecolabel (2014/893/EU), Non-Labelled for CLP.
	KALCOL® 6850	Cetearyl Alcohol	67762-27-0	67762-27-0	≈ 100	Solid	-	✓	✓	✓	✓	✓	✓	✓	✓	✓			✓				Emulsion Stabilizer. Opacifying Agent. Viscosity Increaser. EU Ecolabel (2014/893/EU), Non-Labelled for CLP, ECOCERT.
	KALCOL® 6870P	Cetearyl Alcohol	67762-27-0	67762-27-0	≈ 100	Solid	-	✓	✓	✓	✓	✓	✓	✓	✓	✓			✓				Emulsion Stabilizer. Opacifying Agent. Viscosity Increaser. EU Ecolabel (2014/893/EU).
	KALCOL® 8098	Stearyl Alcohol	112-92-5	112-92-5	≈ 100	Solid	-	✓	✓	✓	✓	✓	✓	✓	✓	✓			✓				Emulsion Stabilizer. Opacifying Agent. Viscosity Increaser. EU Ecolabel (2014/893/EU); Non-Labelled for CLP.

The information and recommendations in this publication are to the best of our knowledge reliable. However, nothing herein is to be construed as a warranty or representation. Users should make their own tests to determine the applicability of such information or the suitability of any products for their own particular purpose. Statements concerning the use of the products described herein are not to be construed as recommending the infringement of any patent and no liability for infringement arising out of any such use is assumed.



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in harmony with nature.

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