

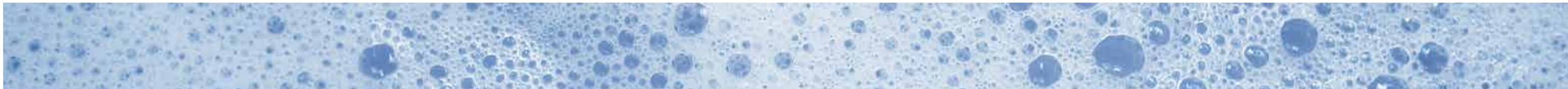
PORTFOLIO LAUNDRY & CLEANING

PROVIDING SOLUTIONS



THE TECHNOLOGY OF KAO'S SURFACTANTS APPLIED TO LAUNDRY & CLEANING





SURFACTANT TYPE	LAUNDRY & CLEANING		RANGE OF PRODUCTS		PROPERTIES			GREEN FACTORS				HOUSEHOLD										BENEFITS & REMARKS								
	TRADE NAME	INCI - CHEMICAL DESCRIPTION	EU CAS-NUMBER	US CAS-NUMBER	ACTIVE MATTER %	APPEARANCE (20°C)	HLB VALUE	ENVIRONMENTAL LABEL FREE	VEGETABLE ORIGIN	READILY BIODEGRADABLE	CERTIFICATIONS	LAUNDRY CARE					SURFACE CARE						I & I							
												POWDER DETERGENTS	HDLD - LIQUID DETERGENTS	LDLD - LIQUID DETERGENTS	LIQUID TABS	FABRIC SOFTENER	MULTI-PURPOSE CLEANERS	WINDOW / GLASS CLEANERS	KITCHEN & OVEN CLEANERS	FLOOR CLEANERS	BATHROOM CLEANERS		DESCALERS	BLEACHES, LYES	DISHWASHING	VEHICLE CARE	HOTELS, RESTAURANTS & CATERING	FOOD & BEVERAGE (CIP & OPC)	INDUSTRIAL DEGREASERS	
ANIONIC	ALFANOX® 46	Sodium C14-16 Olefin Sulfonate	68439-57-6	68439-57-6	≈ 38	Liquid	-	☑	☑	☑		☑	☑	☑		☑		☑	☑	☑	☑	☑		☑	☑	☑	☑	☑	Cleaning, Foaming, Disperser, Hard Water Stability.	
	EMAL® 10N or 10P HD	Sodium Lauryl Sulfate	85586-07-8	73296-89-6	> 95	Needles or Powder	-	☑	☑			☑								☑	☑				☑	☑			Cleaning, Foaming.	
	EMAL® 10G or 10G-12 or 10G-3	Sodium Lauryl Sulfate	85586-07-8	73296-89-6	> 95	Granules	-	☑	☑				☑													☑	☑			Cleaning, Foaming.
	EMAL® 30G-S	Sodium Lauryl Sulfate	85586-07-8	73296-89-6	> 92	Granules	-	☑	☑				☑	☑												☑	☑			Cleaning, Foaming.
	EMAL® 30E	Sodium Lauryl Sulfate	85586-07-8	73296-89-6	≈ 30	Liquid	-	☑	☑				☑	☑					☑											Cleaning, Foaming.
	EMAL® 40TE	TEA Lauryl Sulfate	139-96-8	139-96-8	≈ 40	Liquid	-	☑	☑				☑	☑																Cleaning, Foam Quality Improver.
	EMAL® 270D or 270E	Sodium Laureth Sulfate	68891-38-3	68891-38-3	≈ 70	Paste	-	☑	☑	☑			☑	☑	☑				☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	Cleaning, Foaming, Disperser, Hard Water Stability, Temperature Stability, EU Ecolabel (Decisions EU 2017/1214;1215;1217;1218;1219), ECOCERT (EMAL 270D).
	EMAL® 227E	Sodium Laureth Sulfate	68891-38-3	68891-38-3	≈ 27	Liquid	-	☑	☑				☑	☑					☑	☑	☑	☑	☑	☑	☑	☑	☑	☑		Cleaning, Foaming, Disperser, Hard Water Stability, Temperature Stability.
	EMAL® 228HP or 228DJM	Sodium Laureth Sulfate	68891-38-3	68891-38-3	≈ 28	Liquid	-	☑	☑	☑			☑	☑					☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	Cleaning, Foaming, Disperser, Hard Water Stability, Temperature Stability, HP: Unpreserved; DJM: Preserved with 2-Bromo-2-Nitropropane-1,3 -Diol. EU Ecolabel only for EMAL 228HP (Decisions EU 2017/1214;1215;1217;1218;1219).
	SULFONAX®	Dodecylbenzene Sulfonic Acid	85536-14-7	85536-14-7	> 95	Liquid	-	☑					☑	☑	☑				☑	☑	☑				☑	☑				Cleaning, Foaming, Disperser.
	DANOX® 35 ST	Sodium Dodecylbenzenesulfonate TEA-Dodecylbenzenesulfonate	68411-30-3 68411-31-4	69669-44-9 68411-31-4	≈ 35	Liquid	-	☑					☑	☑					☑	☑	☑	☑				☑	☑			Cleaning, Foaming, Disperser.
	MELIOSOL® CU-40	Sodium Cumenesulfonate	15763-76-5	28348-53-0	≈ 33	Liquid	-	☑		☑	☑		☑	☑	☑				☑		☑			☑	☑					Hydrotrope, Solubilizer, Low Temperature Stabilizer, EU Ecolabel with limitations (EU/2014/1217).
	ICTEOL® K-50-E	Potassium Oleate	143-18-0	143-18-0	≈ 48	Fluid Paste	-	☑	☑	☑	☑		☑	☑					☑											Cleaning, Foam Controller, EU Ecolabel (Decisions EU 2017/1217;1218), ECOCERT.
	AKYPO® LF 1	Capryleth-6 Carboxylic Acid	53563-70-5	53563-70-5	≈ 90	Liquid	-	☑	☑	☑	☑								☑		☑	☑	☑	☑	☑	☑	☑	☑	☑	Cleaning, Low Foam, Emulsifier, Disperser, Hydrotrope, Hard Water Stability, Acid and Alkaline Stability, Electrolyte Stability, Oxidizing Agents Stability, EU Ecolabel (Decisions EU 2017/1214;1215;1219).
	AKYPO® LF 2	Capryleth-9 Carboxylic Acid	53563-70-5	53563-70-5	≈ 89	Liquid	-	☑	☑	☑	☑								☑		☑	☑	☑	☑	☑	☑	☑	☑	☑	Cleaning, Low Foam, Emulsifier, Disperser, Hydrotrope, Hard Water Stability, Acid and Alkaline Stability, Electrolyte Stability, Oxidizing Agents Stability, EU Ecolabel (Decisions EU 2017/1214;1215;1219).
	AKYPO® LF 4	Capryleth-9 Carboxylic Acid +Hexeth-4 Carboxylic Acid	53563-70-5 105391-15-9	53563-70-5 105391-15-9	≈ 89	Liquid	-	☑	☑	☑	☑								☑		☑	☑	☑	☑	☑	☑	☑	☑	☑	Cleaning, Low Foam, Emulsifier, Disperser, Hydrotrope, Hard Water Stability, Acid and Alkaline Stability, Electrolyte Stability, Oxidizing Agents Stability, EU Ecolabel with limitations (Decisions EU 2017/1214;1215;1219).
	AKYPO® LF 6	Capryleth-9 Carboxylic Acid +Buteth-2 Carboxylic Acid	53563-70-5 82941-26-2	n.a.	≈ 87	Liquid	-	☑	☑	☑	☑								☑		☑	☑	☑	☑	☑	☑	☑	☑	☑	Cleaning, Low Foam, Emulsifier, Disperser, Hydrotrope, Hard Water Stability, Acid and Alkaline Stability, Electrolyte Stability, Oxidizing Agents Stability, EU Ecolabel with limitations (Decisions EU 2017/1214;1215;1219).
	AKYPO® RLM 45 CA	Laureth-6 Carboxylic Acid	27306-90-7	220622-96-8	≈ 92	Liquid	-	☑	☑	☑	☑										☑				☑	☑				Cleaning, Foaming, Emulsifier, Disperser, Hydrotrope, Hard Water Stability, Acid and Alkaline Stability, Electrolyte Stability, Oxidizing Agents Stability, EU Ecolabel with limitations (Decisions EU 2017/1214;1215;1219).
AKYPO® LM-40	Lauryl / Myristyl Ether Carboxylic Acid	27306-90-7	220622-96-8	≈ 92	Liquid	-	☑	☑	☑	☑										☑	☑			☑	☑	☑	☑	☑	Cleaning, Creamy Stable Foam, Foam Retention, Disperser, Hydrotrope, Wetting, Hard Water Stability, Acid and Alkaline Stability, Electrolyte Stability, Oxidizing Agents Stability, EU Ecolabel with limitations (Decision EU 2017/1215).	
AKYPO® RLM 25	Laureth-4 Carboxylic Acid	27306-90-7	220622-96-8	≈ 94	Liquid	-	☑	☑	☑	☑										☑				☑					Cleaning, Foaming, Emulsifier, Disperser, Hydrotrope, Hard Water Stability, Acid and Alkaline Stability, Electrolyte Stability, Oxidizing Agents Stability, Chimney Cleaner, EU Ecolabel with limitations (Decisions EU 2017/1215;1217;1219).	
AKYPO® RLM 100	Laureth-11 Carboxylic Acid	27306-90-7	220622-96-8	≈ 94	Liquid	-	☑	☑	☑	☑										☑				☑	☑				Cleaning, Foaming, Emulsifier, Disperser, Hydrotrope, Hard Water Stability, Acid and Alkaline Stability, Electrolyte Stability, Oxidizing Agents Stability, EU Ecolabel (Decisions EU 2017/1215;1217;1219).	
AMPHOTERIC	BETADE® HR	Cocamidopropyl Betaine	61789-40-0	61789-40-0	≈ 30	Liquid	-	☑	☑	☑										☑				☑	☑				Cleaning, Foam Booster, Viscosity Increaser, EU Ecolabel (Decisions EU 2017/1214;1217;1218).	
	BETADE® HR-50K	Cocamidopropyl Betaine	147170-44-3	147170-44-3	≈ 40	Liquid	-	☑	☑	☑										☑				☑	☑				Cleaning, Foam Booster, Viscosity Increaser, EU Ecolabel (Decisions EU 2017/1214;1217;1218).	
	BETADE® S-20	Lauryl Hydroxysultaine	13197-76-7	13197-76-7	≈ 38	Liquid	-	☑	☑	☑	☑									☑				☑				☑	Cleaning, Foam Booster, Viscosity Increaser, Emulsifier, Wetting, Hard Water Stability, EU Ecolabel with limitations (Decisions EU 2017/1214;1217;1218).	
	BETADE® SHR	Cocamidopropyl Hydroxysultaine	91648-19-0	68139-30-0	≈ 44	Liquid	-	☑	☑	☑	☑									☑				☑				☑	Cleaning, Foam Booster, Viscosity Increaser, Emulsifier, Wetting, Hard Water Stability, EU Ecolabel (Decisions EU 2017/1214;1217;1218).	





SURFACTANT TYPE	LAUNDRY & CLEANING	RANGE OF PRODUCTS				PROPERTIES				GREEN FACTORS				HOUSEHOLD										I & I	BENEFITS & REMARKS		
		TRADE NAME	INCI - CHEMICAL DESCRIPTION	EU CAS-NUMBER	US CAS-NUMBER	ACTIVE MATTER %	APPEARANCE (20°C)	HLB VALUE	ENVIRONMENTAL LABEL FREE	VEGETABLE ORIGIN	READILY BIODEGRADABLE	CERTIFICATIONS	LAUNDRY CARE					SURFACE CARE									
													POWDER DETERGENTS	HLD - LIQUID DETERGENTS	LDLD - LIQUID DETERGENTS	LIQUID TABS	FABRIC SOFTENER	MULTI-PURPOSE CLEANERS	WINDOW / GLASS CLEANERS	KITCHEN & OVEN CLEANERS	FLOOR CLEANERS	BATHROOM CLEANERS	DESCALERS			BLEACHES, LYES	DISHWASHING
NON-IONIC	OXIDET® DMCLD	Lauramine Oxide	308062-28-4	61788-90-7	≈ 30	Liquid	-		✓	✓								✓	✓	✓	✓	✓	✓	✓	✓	✓	Foam Booster. Viscosity Increaser. Emulsifier. Wetting. Fragrance Solubilizer. Hard Water Stability. Alkaline Stability. Electrolyte Stability.
	OXIDET® DM-246	Cocamine Oxide	308062-28-4	61788-90-7	≈ 30	Liquid	-		✓	✓								✓	✓	✓	✓	✓	✓	✓	✓	✓	Foam Booster. Viscosity Increaser. Emulsifier. Wetting. Fragrance Solubilizer. Hard Water Stability. Alkaline Stability. Electrolyte Stability.
	OXIDET® DM-20	Lauramine Oxide	1643-20-5	1643-20-5	≈ 30	Liquid	-		✓	✓								✓	✓	✓	✓	✓	✓	✓	✓	✓	Foam Booster. Viscosity Increaser. Emulsifier. Wetting. Fragrance Solubilizer. Hard Water Stability. Alkaline Stability. Electrolyte Stability.
	OXIDET® DM-4	Myristamine Oxide	3332-27-2	3332-27-2	≈ 30	Liquid	-		✓	✓										✓	✓						Foam Booster. Viscosity Increaser. Emulsifier. Wetting. Fragrance Solubilizer. Hard Water Stability. Alkaline Stability. Electrolyte Stability.
	OXIDET® L-75 C	Cocamidopropylamine Oxide	68155-09-9	68155-09-9	≈ 33	Liquid	-	✓	✓	✓	✓										✓	✓					Foam Booster. Viscosity Increaser. Emulsifier. Wetting. Fragrance Solubilizer. Hard Water Stability. Alkaline Stability. Electrolyte Stability. EU Ecolabel (Decision EU 2017/1214).
	DANOX® 511-B	Non-ionic Surfactants	-	-	≈ 60	Liquid	-			✓										✓	✓	✓					Cleaning. Foaming. Wetting. Emulsifier. Disperser. Metal Cleaning. Strong Degreaser.
	LEVENOL® C-421	Glycereth-2 Cocoate	68201-46-7	68201-46-7	≈ 100	Liquid	10,7	✓	✓	✓	✓			✓							✓						Cleaning. Foam Booster. Viscosity Increaser. Emulsifier. Mild. EU Ecolabel (Decisions EU 2017/1214;1218), ECOCERT.
	LEVENOL® F-200	Glycereth-6 Cocoate	68201-46-7	68201-46-7	≈ 100	Liquid	15,1	✓	✓	✓	✓			✓	✓	✓				✓							Cleaning. Foam Booster. Hydrotrope. Wetting. Emulsifier. Solubilizer. EU Ecolabel (Decisions EU 2017/1214;1215;1217;1218;1219), ECOCERT.
	LEVENOL® C-301	Glycereth-7 Cocoate	68201-46-7	68201-46-7	≈ 100	Liquid	13,4	✓	✓	✓	✓			✓	✓						✓						Cleaning. Foam Booster. Viscosity Increaser. Hydrotrope. Wetting. Emulsifier. Solubilizer. EU Ecolabel (Decision EU 2017/1218), ECOCERT.
	LEVENOL® C-201	Glycereth-17 Cocoate	68201-46-7	68201-46-7	≈ 100	Liquid	12,4	✓	✓	✓	✓			✓	✓	✓					✓						Cleaning. Viscosity Increaser. Hydrotrope. Emulsifier. Solubilizer. EU Ecolabel (Decisions EU 2017/1214;1215;1218;1219), ECOCERT.
	EMANON® XLF	Glycereth-7 Caprylate/Caprata	361459-38-3	361459-38-3	≈ 100	Liquid	15,8	✓	✓	✓	✓										✓	✓					Cleaning. Foam Booster. Hydrotrope. Emulsifier. Solubilizer. EU Ecolabel (Decision EU 2017/1214).
	EXCEPARL® H0	Cetyl Ethylhexanoate	59130-69-7	59130-69-7	≈ 100	Liquid	-	✓	✓	✓												✓					Hydrophobicity. Rinse-aid Formulations.
	AMIDET® B-112	Cocamide DEA	68603-42-9	68603-42-9	≈ 100	Liquid	-	✓	✓	✓				✓							✓	✓					Foam Booster. Viscosity Increaser.
	AMIDET® A/18	PEG-6 Cocamide	61791-8-0	61791-08-0	≈ 100	Liquid	-	✓	✓	✓											✓					✓	Cleaning. Foam Booster. Viscosity Increaser. Emulsifier.
	AMIDET® N	PEG-4 Rapeseedamide	85536-23-8	827613-35-4	≈ 95	Liquid	-	✓	✓	✓	✓			✓	✓						✓						Foam Booster. Viscosity Increaser. Emulsifier. Mild. EU Ecolabel (Decisions EU 2017/1214;1218).
	EXCEPARL® LM-LC	Lauryl Lactate	6283-92-7	6283-92-7	≈ 100	Liquid	-		✓	✓				✓	✓												Viscosity Increaser. Mild.
	FINDET® 10 range	Deceth-n	308061-30-5	68439-45-2	≈ 100	Liquid	-	✓		✓	✓										✓	✓	✓				Cleaning. Foaming. Wetting. Emulsifier. Disperser. Solubilizer. Bleaches based on Hydrogen Peroxide. EU Ecolabel (Decisions EU 2017/1215;1217;1219).
	FINDET® 1214N range	Laureth-n & Myreth-n	68439-50-9	68439-50-9	≈ 100	Liquid to Paste	-	✓	✓	✓	✓			✓	✓	✓					✓	✓	✓				Cleaning. Foaming. Wetting. Emulsifier. Disperser. Solubilizer. Bleaches based on Hydrogen Peroxide. EU Ecolabel (Decisions EU 2017/1217;1218).
	FINDET® 13 range	Isotrideceth-n	24938-91-8	24938-91-8	≈ 100	Liquid	-			✓				✓	✓	✓						✓					Cleaning. Foaming. Wetting. Emulsifier. Disperser. Solubilizer.
	FINDET® 1618A range	Ceteareth-n	68439-49-6	68439-49-6	≈ 100	Solid	-		✓	✓					✓							✓	✓				Cleaning. Foaming. Wetting. Emulsifier. Disperser. Solubilizer.
	FINDET® 1816 range	Oleth-n & Ceteth-n	68920-66-1	68920-66-1	≈ 100	Liquid to Paste	-		✓	✓					✓												Cleaning. Foaming. Wetting. Emulsifier. Disperser. Solubilizer.
	FINDET® LI 1990	Polyoxyethylene (7EO) C1315 Alcohol	120944-68-5	68131-39-5	≈ 90	Liquid	12			✓												✓					Cleaning. Foaming. Wetting. Emulsifier. Disperser. Solubilizer.
	FINDET® LR4/2585	Polyoxyethylene (13EO) C1415 Alcohol	106232-83-1	106232-83-1	≈ 85	Liquid	14,8			✓					✓							✓	✓	✓			Cleaning. Foaming. Wetting. Emulsifier. Disperser. Solubilizer.
	FINDET® AR range	Polyoxyethylene Castor Oil	61791-12-6	61791-12-6	≈ 100	Liquid to Paste	-	✓	✓	✓												✓					Cleaning. Foaming. Wetting. Emulsifier. Disperser. Solubilizer.
FINDET® ARH/52 AKYPO® ROX CO 400	PEG-40 Hydrogenated Castor Oil	61788-85-0	61788-85-0	≈ 100	Soft Paste	13,9	✓	✓	✓					✓							✓	✓				Fragrance and Oil Solubilizer.	
FINDET® SE-2411	Polyoxyethylene and Polyoxypropylene Decyl Alcohol	68154-97-2	68154-97-2	≈ 100	Liquid	15,3		✓	✓	✓											✓	✓	✓			Low Foam. Wetting. Emulsifier. Degreaser. EU Ecolabel (Decisions EU 2017/1214;1215;1217).	
DANOX® LF-102	Polyoxyethylene and Polyoxypropylene Glycerine	9082-00-2	9082-00-2	≈ 100	Liquid	-	✓	✓	✓	✓											✓	✓	✓			Low Foam. Acid and Alkaline Stability. Hard Water Stability. Rinse-aid Formulations. EU Ecolabel (Decisions EU 2017/1214;1215).	



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													POWDER DETERGENTS	HDLD - LIQUID DETERGENTS	LDLD - LIQUID DETERGENTS	LIQUID TABS	FABRIC SOFTENER	MULTI-PURPOSE CLEANERS	WINDOW / GLASS CLEANERS	KITCHEN & OVEN CLEANERS	FLOOR CLEANERS			BATHROOM CLEANERS	DESCALERS	BLEACHES, LYES	DISHWASHING	VEHICLE CARE	HOTELS, RESTAURANTS & CATERING	FOOD & BEVERAGE (CIP & OPC)	INDUSTRIAL DEGREASERS			
CATIONIC	TETRANYL® AT-7590	Partially Hydrogenated Tallow Esterquat	91995-81-2	157905-74-3	≈ 90	Paste /Solid	-	✓	✓	✓				✓																				Antistatic Effect. Softening.
	TETRANYL® L1/90S	Partially Hydrogenated Tallow Esterquat	91995-81-2	157905-74-3	≈ 90	Paste /Solid	-	✓	✓	✓				✓																			Antistatic Effect. Softening. EU Ecolabel (Decision EU 2017/1219).	
	TETRANYL® L1-901	Partially Hydrogenated Tallow Esterquat	91995-81-2	157905-74-3	≈ 90	Paste /Solid	-	✓	✓	✓				✓																			Antistatic Effect. Softening. EU Ecolabel (Decision EU 2017/1219).	
	TETRANYL® AT-1 or AT-1/PG	Tallow Esterquat	91995-81-2	157905-74-3	≈ 85	Liquid /Paste	-	✓	✓	✓				✓																			Antistatic Effect. Softening. EU Ecolabel (Decision EU 2017/1219).	
	TETRANYL® L6/90	Partially Hydrogenated Palm Esterquat	91995-81-2	157905-74-3	≈ 90	Paste /Solid	-	✓	✓	✓	✓				✓																		Antistatic Effect. Softening. EU Ecolabel (Decision EU 2017/1219), ECOCERT.	
	TETRANYL® AO-1	Dioleyloylethyl Hydroxyethylmonium Methosulfate	94095-35-9	157905-74-3	≈ 90	Liquid	-	✓	✓	✓	✓				✓																		Antistatic Effect. Softening. EU Ecolabel (Decision EU 2017/1219).	
	TETRANYL® CAR/AO	Dioleyloylethyl Hydroxyethylmonium Methosulfate	94095-35-9	157905-74-3	≈ 90	Liquid	-	✓	✓	✓																✓							Antistatic Effect. Softening. Special Grade for Car Care Formulations.	
	TETRANYL® DM-24	Quaternary Ammonium compounds, Alkyltrimethyl Methosulfate	96690-44-7	68002-60-8	≈ 50	Liquid	-		✓	✓				✓	✓	✓									✓								Hydrotrope. Emulsifier. Disperser. Antistatic Effect. Hydrophobicity.	
	TETRANYL® CO-40	Dioleoylethyl Hydroxyethylmonium Methosulfate	94095-35-9	157905-74-3	≈ 80	Liquid	-	✓	✓	✓	✓				✓																		Antistatic Effect. Softening. EU Ecolabel (Decision EU 2017/1219).	
	TETRANYL® BC-50 or BC-80	Benzalkonium Chloride	68424-85-1	68424-85-1	≈ 50 or 80	Liquid	-		✓	✓					✓										✓	✓	✓						Disinfectant. Sterilizer. According to the EU Biocidal Product Regulation [BPR, Regulation (EU) 528/2012].	
	QUARTAMIN® TH-V	Ceteartrimonium Chloride	68002-62-0	68002-62-0	≈ 50	Liquid	-		✓	✓					✓	✓	✓								✓								Antistatic Effect. Softening. Bleaches based on Hydrogen Peroxide.	
QUARTAMIN® 60W25 or 60W30	Cetrimonium Chloride	112-02-07	112-02-07	≈ 25 or 30	Liquid	-		✓	✓					✓																		Antistatic Effect. Softening.		
BLENDS	DANOX® LVC-200 or LVC-300	Anionic and Non-ionic Surfactants	-	-	≈ 65	Viscous Liquid	-		✓	✓					✓									✓	✓	✓							Cleaning. Foaming. Hard Water Stability. Electrolyte Stability. Hand Washing-Up Liquids.	
	DANOX® DB-1	Non-ionic Surfactants	-	-	≈ 78	Viscous Liquid	-		✓	✓					✓	✓	✓							✓	✓	✓							Cleaning. Foaming. Emulsifier. Disperser. Metal Cleaning. Strong and Industrial Degreaser.	
	DANOX® TLK-24	Anionic and Non-ionic Surfactants	-	-	≈ 25	Viscous Liquid	-		✓	✓															✓								Hypochlorite Bleaches.	
	DANOX® MEC EXTRA CONC	Non-ionic Surfactants and Solvents	-	-	≈ 100	Liquid	-		✓	✓																							Degreaser. Mechanics Hand Cleanser.	
	DANOX® P-15	Sodium Laureth Sulfate, Cocamide MEA, Glycol Distearate	-	-	≈ 40	Fluid Paste	-		✓	✓				✓											✓								Pearlizing Agents.	
	DANOX® PL-10	Sodium Laureth Sulfate, Glyceth-2 Cocoate, Glycol Distearate	-	-	≈ 52	Fluid Paste	-	✓	✓	✓	✓			✓											✓								Pearlizing Agents. EU Ecolabel (Decisions EU 2017/1214;1218).	
	AKYPO® SAL 2010S	Sodium Laureth Sulfate, Cocamide DEA, Glycol Distearate	-	-	≈ 36	Fluid Paste	-		✓	✓				✓											✓								Pearlizing Agents.	
	AKYPO® GENE KTS	Anionic Surfactants and Polymers	-	-	≈ 31	Liquid	-	✓	✓	✓															✓	✓							Cleaning. Antistatic Effect. Carpet Cleaner. Vehicle Textile Cleaner.	
	AKYPO® GENE JOD F	Ether Carboxylate and Iodine Derivative	-	-	≈ 20 active Iodine	Liquid	-	✓	✓	✓																			✓				Dairy Industrial. CIP Cleaners. Food Industry. Hospitals. Mild Teat Dip Disinfection.	
EMULSION® AF-400	Waxes, Polymers and Non-ionic Surfactants	-	-	≈ 40	Liquid	-	✓	✓	✓															✓	✓							Floor Polisher.		

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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