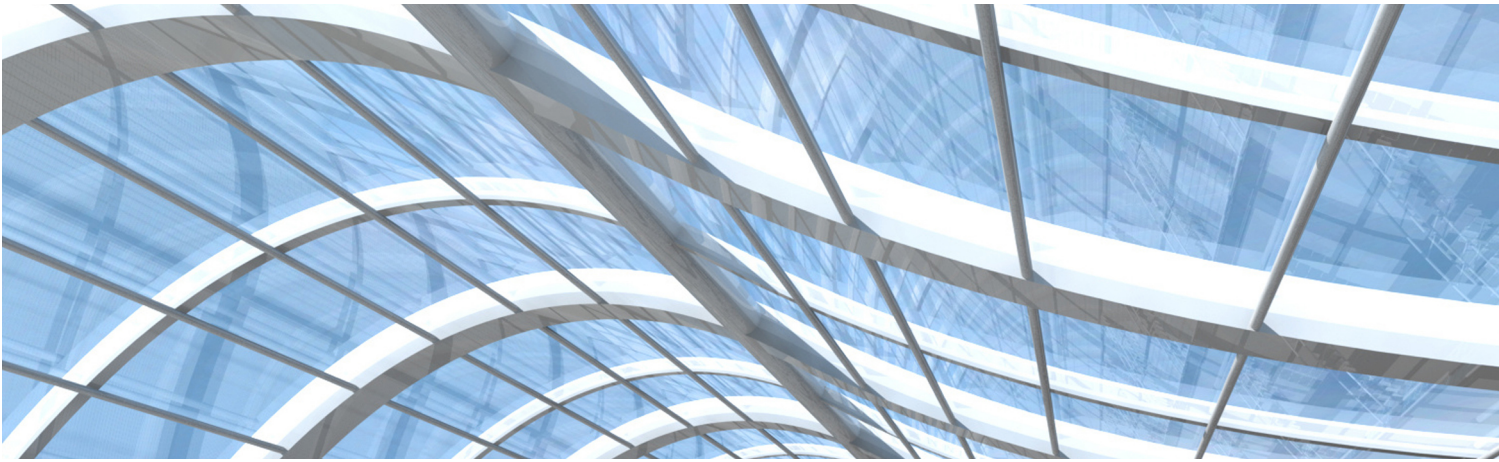


CLARIANT

Industrial & Consumer Specialties

INDUSTRIAL & INSTITUTIONAL CARE





Clariant's Business Line Industrial Care delivers high-quality, efficient solutions and high-performance specialty chemicals for the manufacturing industry. Our raw materials are used in cleaning solutions and disinfectants for industrial and institutional applications.

Our chemical engineering know-how coupled with the strength of our globally operating and regional labs makes us a preferred partner in the development of forward-looking solutions and innovations.

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Cleaning

Name	Application								Product Description	
	Hard surface cleaning	Toilet & hygienic cleaning	Dairy & food cleaning	Industrial cleaners	Medical disinfectants	Vehicle washing	Vehicle care	Aerosols		
Binder & Auxiliary										
Genapol T 250 p	•	•	•	•						Solid nonionic surfactant, suitable for coating of enzymes, bleach activators and extrusion products. Excellent binder for toilet rim blocks and gels.
Genapol T 500 p	•	•		•						Solid nonionic surfactant, suitable for coating of enzymes, bleach activators and extrusion products. Excellent binder for toilet rim blocks and gels.
Genapol T 680		•	•	•						Solid nonionic surfactant, suitable for coating of enzymes, bleach activators and extrusion products. Excellent binder for toilet rim blocks and gels.
Biocide										
JMAC Composite PG	•		•	•			•			Low toxicity biocide for complete protection of household product. Low dose rate, high efficiency.
JMAC S10	•		•	•			•			Low toxicity biocide for complete protection of household product. Low dose rate, high efficiency.
Nipacide BIT 20	•	•	•	•			•	•		In-can biocide for the protection of cleaning products. Excellent pH and temperature stability. Formaldehyde free.
Nipacide BSM	•	•	•	•			•	•		In-can biocide for comprehensive wet state protection of household products. Good pH and temperature stability. Formaldehyde and CMIT free product.
Nipacide CFX 4	•	•	•	•				•		In-can biocide for comprehensive wet state protection of household products. Provides headspace protection.
Nipacide CI 15	•	•	•	•				•		In-can biocide for comprehensive wet state protection of household products. Formaldehyde free product.
Nipacide FC	•	•	•	•			•	•		In-can biocide for comprehensive wet state protection of household products. Provides headspace protection. Good pH and temperature stability.
Nipacide IB	•	•	•	•			•	•		In-can biocide for comprehensive wet state protection of household products.
Nipacide IPBC 30	•	•	•	•			•	•		Excellent activity against fungi.
Nipacide PE	•	•	•	•			•	•		preservative for products during storage

Chemical Description	CAS-Number	Appearance	Active content	Properties							
				Controlling of viscosity	Compatible with cationic formulations	Water dispersible	Hard water tolerance	High electrolyte compability	Particle stabilizer	Detergency booster	Low foaming surfactant
C16/18 alcohol ethoxylate	68439-49-6	Powder	100%	•	•		•				
C16/18 alcohol ethoxylate	68439-49-6	Powder	100%	•	•		•				
Cetostearilic alcohol polyglycol ether	68439-49-6	Wax-like or white powder	100%		•		•				
Silver chloride on titanium dioxide		Powder	20% (AgCl)		•	•					
Silver chloride on titanium dioxide		Powder	2% (AgCl)		•	•					
1,2 benzisothiazolin-3-one	2634-33-5	Liquid	20%		•						
Blend of 1,2 - benzisothiazolin-3-one and 2-methyl-4-isothiazolin-3-one aq.	2634-33-5 / 2682-20-4	Liquid	5%		•						
Blend of 5-chloro-2-methyl-4-isothiazolin-3-one, 2-methyl-4-isothiazolin-3-one and 1,6-dihydroxy-2,5-dioxahexane aq.	55965-84-9	Liquid	35%		•						
Blend of 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-4-isothiazolin-3-one (3:1)	55965-84-9	Liquid	1,5%		•						
1,6-dihydroxy-2,5-dioxahexane	3586-55-8	Liquid	100%		•						
Blend of 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-4-isothiazolin-3-one (3:1) and 2-bromo-2-nitropropane-1,3-diol	55965-84-9/52-51-7	Liquid	11%		•						
3-iodo-2-propynyl butyl carbamate	85045-09-6	Liquid	30%		•						
2-phenoxyethanol	1888-91-0	Liquid	95%		•						

Cleaning

Name	Application								Product Description
	Hard surface cleaning	Toilet & hygienic cleaning	Dairy & food cleaning	Industrial cleaners	Medical disinfectants	Vehicle washing	Vehicle care	Aerosols	
Biocide									
Nipacide PX	•	•			•				Effective and broad spectrum disinfectant. No EU use.
Bleach activator									
Peractive LAC	•				•				Disinfectant for surgery material. In situ release of peracetic acid.
Corrosion inhibitor									
Dodikor 2565	•	•	•	•		•	•	•	Excellent corrosion inhibitor in acidic solutions, especially phosphoric acid or sulfamic acid. Excellent protection of steel and zinc. Synergetic effect with Dodikor 2725 NF
Dodikor 2725 NF	•	•	•	•		•	•	•	Excellent corrosion inhibitor in acidic solutions, especially hydrochloric, hydrofluoric or acetic acid. Excellent protection of steel and aluminium. Synergistic effect with Dodikor 2565
Hostacor IT	•	•	•	•				•	Excellent corrosion inhibitor for iron or steel in alkaline solution, low aluminium staining and zinc corrosion. Together with Hostaphat OPS it can be used to formulate aluminium cleaners.
Hostaphat OPS 100	•	•	•	•		•			Solubilizer or hydrotrope for nonionic detergents in liquid cleaning agents at high pH values, corrosion inhibitor for Al, Fe, Zn in alkaline systems.
Hostaphat OPS 30	•	•	•	•		•			Solubilizer or hydrotrope for nonionic detergents in liquid cleaning agents at high pH values, corrosion inhibitor for Al, Fe, Zn in alkaline systems
Hostaphat OPS 75 E	•	•							Solubilizer or hydrotrope for nonionic detergents in liquid cleaning agents at high pH values, corrosion inhibitor for Al, Fe, Zn in alkaline
Defoamer									
Antimussol 3470	•		•	•		•			Water-insoluble defoamer for surfactant-containing I&I cleaning liquors of all kinds, especially for cleaning glass, metal and other solid surfaces.
Antimussol 3472 N	•		•	•		•			Water-soluble defoamer for surfactant-containing I&I cleaning liquors.
Antimussol 4459 fl	•			•					Defoamer component for watery I&I formulations
Antimussol DC 161	•		•	•		•			Water-insoluble defoamer
Antimussol FN	•			•					Defoamer for service water, waste water and cleaning agent formulations

Chemical Description	CAS-Number	Appearance	Active content	Properties								
				Controlling of viscosity	Compatible with cationic formulations	Water dispersible	Hard water tolerance	High electrolyte compatibility	Particle stabilizer	Detergency booster	Low foaming surfactant	
4-Chloro-3,5-Xylenol	88-04-0	Powder	99%									
Acetyl caprolactam	10543-57-4 / 9000-11-7	Liquid	98%									
Quaternized amine in solvent		Liquid			•		•	•				
Mixture of quaternized amines, surfactants and anti-corrosive agents		Liquid			•		•	•				
Alkanolamine salt of an acylamidocarboxylic acid		Liquid	85%				•	•				
Octane phosphonic acid	4724-48-5	Wax	100%						•			
Octane phosphonic acid aq.	4724-48-5	Paste	30%					•				
Octane phosphonic acid in aqueous solution with ethanol	4724-48-5	liquid	75%									
Mixture of nitrogen-containing substances: alkylisononanamide, glycol and ethoxylate		Liquid	100%		•							
Mixture of nitrogen-containing, surface-active substances: alkylisononanamide, glycol, quat and ethoxylate		Liquid	80%		•	•	•					
Aqueous dispersion of a polysiloxane fatty acid derivative		liquid	20%		•							
Blockcopolymer (EO/PO)		Liquid	100%		•		•					
Mixture of water-insoluble foam-suppressing agents		liquid	100%		•							

Cleaning

Name	Application								Product Description
	Hard surface cleaning	Toilet & hygienic cleaning	Dairy & food cleaning	Industrial cleaners	Medical disinfectants	Vehicle washing	Vehicle care	Aerosols	
Defoamer									
Antimussol ZJ	•		•	•		•			Water-insoluble defoamer for I&I applications
Genapol DF 5050	•								Defoaming blend of surface-active substances for Industrial Cleaners
Genapol DF 7525	•								Defoaming blend of surface-active substances for Industrial Cleaners
Disinfectant									
Dodigen 1611	•	•	•	•					Dodigen 1611 type quats have unusually high bactericidal activity against gram-positive bacteria; gram-negative microorganisms are also destroyed in considerably diluted form. Compatibel with nonionic/cationic surfactants. No EU use.
Dodigen 226	•	•	•	•					Cost-effective, compatible with nonionic/cationic detergents and wetting agents, no EU use.
Dodigen 2808/L	•		•	•	•	•	•	•	Quarternary ammonium compound for the manufacture of disinfectants. No EU use.
Nipacide PX	•	•			•				Effective and broad spectrum disinfectant. No EU use.
Hydrotrope									
Genaminox OC	•	•							Foam and detergency booster; stable against hydrogen peroxide, chlorine bleach and very strong alkaline and acidic conditions. No EU use.
Rheology Modifier									
Genapol LT	•								Efficient rheology modifier for surfactant systems. Applicable over pH range from 4-9. Especially useful for thickening of nonionic formulations. Only for Detergent use outside EU.
Hostagel AVS	•		•			•			Thickener for low-surfactant containing aqueous solutions. Use limited to pH values from > 4.
Hostagel CL	•	•	•	•					Efficient rheology modifier for chlorine gel formulations.
Hostagel PH 1	•	•	•	•					Efficient rheology modifier for surfactant systems. Applicable over pH range from 0-5. Especially useful for thickening of acids, e.g. in toilet cleaners.
Hostagel TAC	•	•	•	•	•	•	•		Rheology modifier for surfactant systems, pre-neutralized, easy to use, providing formulations with excellent yield force, even at very low polymer concentration and low viscosity. Applicable over a broad pH range (3-9).

Chemical Description	CAS-Number	Appearance	Active content	Properties								
				Controlling of viscosity	Compatible with cationic formulations	Water dispersible	Hard water tolerance	High electrolyte compatibility	Particle stabilizer	Detergency booster	Low foaming surfactant	
N-(2-ethylhexyl)-isononane acid amide	93820-33-8	Liquid	100%		•							
Mixture of non-ionic and cationic surface-active substances with solubilizer		liquid	75%									•
Mixture of non-ionic and cationic surface-active substances		liquid	92%									•
C12/14 alkyl dimethyl benzyl ammonium chloride aq.	68424-85-1	Liquid	50%		•		•					
Cocos alkyl dimethyl benzyl ammonium chloride aq.	68391-01-5	Liquid	50%		•		•					
Alkyl dimethyl benzil ammonium chloride	68391-01-5	Liquid	80%		•							
4-Chloro-3,5-Xylenol	88-04-0	Powder	99%									
Octyl dimethyl amineoxide	2605-78-9	Liquid	30%		•		•				•	
Blend of surfactants		Liquid	100%	•	•		•				•	
Sodium salt of a polymeric sulphonic acid partially neutralized		Powder	90%	•								
Blend of surfactants		Liquid	25%	•							•	
Blend of surfactants		Liquid	91%	•			•				•	
Polymeric sulfonic acid, neutralized		Powder	92%	•			•		•			

Cleaning

Name	Application								Product Description
	Hard surface cleaning	Toilet & hygienic cleaning	Dairy & food cleaning	Industrial cleaners	Medical disinfectants	Vehicle washing	Vehicle care	Aerosols	
Solvent									
Genapol BA 040	•	•	•	•		•			Low VOC, suitable to replace volatile solvents like glycol ethers in hard surface cleaners to improve cleaning performance and to adjust cloud point.
Surfactant (amphoteric)									
Genagen B 1566	•	•	•	•					Foam and detergency booster. Good viscosity raising properties. Good skin compatibility in combination with anionic surfactant.
Genagen B 3200	•	•	•	•					Foam and detergency booster. Good skin compatibility in combination with anionic surfactant. Better viscosity raising properties than Genagen CAB 818 due to short chain cut type.
Genagen CAB 818	•	•	•	•					Foam and detergency booster. Good viscosity raising properties. Good skin compatibility in combination with anionic surfactant.
Genagen DAB	•	•	•	•					Foam and detergency booster. Good viscosity raising properties. Good skin compatibility in combination with anionic surfactant.
Genagen KB	•	•	•	•		•			Good viscosity raising properties along with good skin compatibility, especially in combination with anionic surfactants.
Genagen SBF	•	•	•	•			•	•	Associated with anionic surfactants, provides synergistic effects regarding viscosity and foaming properties. Excellent skin compatibility.
Genaminox 1014	•	•	•	•		•			Foam and detergency booster. Good viscosity raising properties. Good skin compatibility in combination with anionic surfactant. Stable against hydrogen peroxide, chlorine bleach and under alkaline and acidic conditions.
Genaminox 1216	•	•	•	•		•			Stable against hydrogen peroxide, chlorine bleach and strong alkaline and acidic conditions.
Genaminox 14 R	•	•	•	•		•			Stable against hydrogen peroxide, chlorine bleach and strong alkaline and acidic conditions.
Genaminox AP	•		•	•		•			Foam and detergency booster. Good viscosity raising properties. Good skin compatibility in combination with anionic surfactant.
Genaminox CHE	•		•	•		•			Foam and detergency booster, excellent grease remover, stable against hydrogen peroxide bleach.
Genaminox CSL	•	•	•	•		•			Stable against hydrogen peroxide, chlorine bleach and strong alkaline and acidic conditions. Excellent viscosity adjusting properties. Especially suitable for toilet cleaners.
Genaminox DC 40	•	•	•	•		•			Foam and detergency booster. Stable against hydrogen peroxide, chlorine bleach and strong alkaline and acidic conditions.

Chemical Description	CAS-Number	Appearance	Active content	Properties							
				Controlling of viscosity	Compatible with cationic formulations	Water dispersible	Hard water tolerance	High electrolyte compatibility	Particle stabilizer	Detergency booster	Low foaming surfactant
Benzyl alcohol ethoxylate	26403-74-7	Liquid	100%	•	•		•	•			
Coco alkyl dimethyl betaine	68424-94-2	Liquid	30%	•	•					•	
Cocoamidopropyl betaine	61789-40-0	Liquid	30%	•	•						
Cocamidopropyl betaine	61789-40-0	Liquid	30%	•	•		•			•	
Laurylamidopropyl betaine		Liquid	28%	•	•					•	
Coco dimethyl betaine	66455-29-6	Liquid	30%	•			•			•	
Stearamidopropyl betaine	6179-44-8	Solid	25%		•		•			•	
Blend of C10 and C14 Alkyl dimethyl amine oxide	2605-79-0 / 3332-27-2	Liquid	32%	•	•		•			•	
Alkyl dimethyl amine oxide	85408-49-7	Liquid	30%	•	•		•				
Tetradecyl dimethyl amineoxide	3332-27-2	Viscous liquid	30%	•	•		•				
Laurylamidopropyl dimethyl amineoxide	61792-31-2	Liquid	29%	•	•		•			•	
Cocoyldiethoxy amineoxide	61791-47-7	Liquid	37%	•	•		•			•	
Coco dimethyl amineoxide	61788-90-7	Liquid	30%	•	•		•			•	
Decyl dimethyl amineoxide	2605-79-0	Liquid	40%	•	•		•				

Cleaning

Name	Application								Product Description
	Hard surface cleaning	Toilet & hygienic cleaning	Dairy & food cleaning	Industrial cleaners	Medical disinfectants	Vehicle washing	Vehicle care	Aerosols	
Surfactant (amphoteric)									
Genaminox K-10	•	•	•	•		•			Foam and detergency booster. Stable against hydrogen peroxide, chlorine bleach and strong alkaline and acidic conditions.
Genaminox K-12	•	•	•	•		•			Foam and detergency booster. Good viscosity raising properties. Good skin compatibility in combination with anionic surfactant. Stable against hydrogen peroxide, chlorine bleach and under alkaline and acidic conditions.
Genaminox KC	•	•	•	•		•			Foam and detergency booster. Good viscosity raising properties. Good skin compatibility in combination with anionic surfactant. Stable against hydrogen peroxide, chlorine bleach and alkaline and under acidic conditions.
Genaminox LA	•	•	•	•		•			Stable against hydrogen peroxide, chlorine bleach and strong alkaline and acidic conditions. Excellent viscosity adjusting properties
Genaminox LAH	•	•	•	•		•			Foam and detergency booster; good viscosity raising properties; good skin compatibility in combination with anionic surfactant; stable against hydrogen peroxide, chlorine bleach and under alkaline and acidic conditions; pH non-adjusted type of Genami
Genaminox LO	•	•	•	•		•			Stable against hydrogen peroxide, chlorine bleach and strong alkaline and acidic conditions.
Genaminox MY	•	•	•	•		•			Foam and detergency booster; excellent viscosity raising properties; good skin compatibility in combination with anionic surfactant; stable against hydrogen peroxide, chlorine bleach and alkaline and under acidic conditions.
Genaminox OC	•	•							Foam and detergency booster; stable against hydrogen peroxide, chlorine bleach and very strong alkaline and acidic conditions. No EU use.
Surfactant (anionic)									
Emulsogen 4616	•	•							emulsifier with dispersing properties
Emulsogen CIO 050	•	•	•	•					Electrolyte and hard water stable surfactant with good lime soap dispersing properties. Low foaming. Can be blended with Emulsogen COL types to give relatively low foaming dispersing / cleaning agents.
Emulsogen CNO 080	•	•	•	•					Electrolyte and hard water stable (anionic) surfactant with excellent lime soap dispersing properties. Medium foaming.
Emulsogen COL 050	•	•	•						Electrolyte and hard water stable (anionic) surfactant with excellent lime soap dispersing properties. Medium foaming. For use in conveyor belt lubricant formulations.

Chemical Description	CAS-Number	Appearance	Active content	Properties							
				Controlling of viscosity	Compatible with cationic formulations	Water dispersible	Hard water tolerance	High electrolyte compatibility	Particle stabilizer	Detergency booster	Low foaming surfactant
Decyl dimethyl amineoxide	2605-79-0	Liquid	29%		•		•			•	
Lauryl dimethyl amineoxide	1643-20-5	Liquid	32%	•	•		•			•	
Coco dimethyl amineoxide	61788-90-7	Liquid	30%	•	•		•			•	
Lauryl dimethyl amineoxide	1643-20-5	Liquid	30%	•	•		•			•	
Lauryl dimethyl amineoxide	1643-20-5	Liquid	32%	•	•		•			•	
Coco dimethyl amineoxide	61788-90-7	Liquid	30%	•	•		•			•	
Myristyl dimethyl amine oxide	3332-27-2	Viscous liquid	23%	•	•		•			•	
Octyl dimethyl amineoxide	2605-78-9	Liquid	30%		•		•			•	
blend of ether carboxylic acids		liquid	89%				•	•			
Iso-octyl ether carboxylic acid aq.	107600-33-9	Liquid	88%				•	•			
Octyl ether carboxylic acid aq.	53563-70-5	Liquid	88%				•	•			
Oleyl ether carboxylic acid aq.	57635-48-0	Liquid	90%				•	•			

Cleaning

Name	Application								Product Description	
	Hard surface cleaning	Toilet & hygienic cleaning	Dairy & food cleaning	Industrial cleaners	Medical disinfectants	Vehicle washing	Vehicle care	Aerosols		
Surfactant (anionic)										
Emulsogen COL 100	•	•	•							Electrolyte and hard water stable (anionic) surfactant with excellent lime soap dispersing properties. Medium foaming. For use in conveyor belt lubricant formulations.
Emulsogen DTC 070	•	•	•	•						Electrolyte and hard water stable (anionic) surfactant with excellent lime soap dispersing properties. Medium foaming. For use in conveyor belt lubricant formulations.
Emulsogen DTC acid	•	•	•	•						Electrolyte and hard water stable (anionic) surfactant with excellent lime soap dispersing properties. Medium foaming. For use in conveyor belt lubricant formulations.
Genapol LRO liquid	•	•	•	•		•				Excellent foaming agent
Genapol LRO Paste	•	•	•	•		•				Excellent foaming agent
Genopur ASA	•	•	•	•		•				Solubilizer or hydrotrope for nonionic detergents in liquid cleaning agents at high pH values not compatible with EC Det. Reg. EC 648/24.
Hostapur OS liq	•	•	•	•		•				High foaming primary surfactant for hand dishwashing liquids. Low stickiness to textile fibres; especially for carpet and upholstery cleaners. Low tendency to build up viscosity therefore suitable for use in I&I cleaners .
Hostapur OSB	•	•	•	•		•				Low tendency to build up viscosity therefore suitable for use in I&I cleaners. Primary surfactant for hand dishwashing liquids.
Medialan LD	•	•	•			•				Excellent foaming power in electrolytes-containing solutions.
Phenylsulfonat LAS 50	•	•	•	•		•				Cleaner and detergent component; foaming and wetting agent; emulsifier
Zeliquid LP 2	•									anionic wetting agent and emulsifier
Surfactant (blend)										
Genapol 1007		•	•							Synergistic blend for liquid pearlescing formulations
Genapol BTO	•	•	•							Synergistic blend based on renewable feedstock for manual dishwashing.
Genapol DF 5050			•	•						Excellent low foamer for bottle cleaning.
Genapol DF 7525				•		•				Foam-inhibiting wetting agent for acid and alkaline liquors (metal working, mining, ore drilling, cleaners). In particular suitable for cleaning bottles filled with mineral water and other alcohol-free beverages.

Chemical Description	CAS-Number	Appearance	Active content	Properties							
				Controlling of viscosity	Compatible with cationic formulations	Water dispersible	Hard water tolerance	High electrolyte compatibility	Particle stabilizer	Detergency booster	Low foaming surfactant
Oleyl ether carboxylic acid aq.	57635-48-0	Paste	89%				•	•			
Tridecyl ether carboxylic acid aq.	68412-55-5	Liquid	90%				•	•			
Tridecyl ether carboxylic acid aq.	56388-96-6	Liquid	91%				•	•			
Lauryl diglycol ether sulphate sodium salt	68891-38-3	Liquid	27%				•				
Lauryl diglycol ether sulphate sodium salt	68891-38-3	Paste	69%				•			•	
Alkenyl dicarboxylic acid anhydride	119415-04-2	Liquid	100%					•			
C14-16 alpha olefin sulphonate sodium salt	68439-57-6	Liquid	40%				•			•	
C14-16 alpha olefin sulphonate sodium salt	68439-57-6	Powder	90%				•			•	
Lauryl sarcoside sodium salt	137-16-6	Liquid	30%					•		•	
Sodium dodecyl benzene sulfonate	1888-91-0	Paste	98%					•		•	
Lauryl polyethylene glycol ethersulfate ammonium salt in butoxy ethanol	111-76-2	liquid	50%				•				
Blend of glycol distearate, anionic and amphoteric surfactants		Paste	54%								
Blend of anionic and amphoteric surfactants		Liquid	39%		•		•			•	
Blend of fatty alcohol EO-PO adducts and quatern. ammonium compound		Liquid	75%		•						•
Blend of alcohol EO/PO adducts, quatern. ammonium compound and defoamers		Liquid	92%		•						

Cleaning

Name	Application								Product Description	
	Hard surface cleaning	Toilet & hygienic cleaning	Dairy & food cleaning	Industrial cleaners	Medical disinfectants	Vehicle washing	Vehicle care	Aerosols		
Surfactant (blend)										
Hostapur 3754	•			•		•				Hostapur SAS blend with good stability at low temperature suited for highly concentrated products and industrial cleaning agents.
Hostapur TES 20				•		•				Hostapur SAS blend with good stability at low temperature
Surfactant (cationic)										
Dodigen 1611	•	•	•	•						Dodigen 1611 type quats have unusually high bactericidal activity against gram-positive bacteria; gram-negative microorganisms are also destroyed in considerably diluted form. Compatible with nonionic/cationic surfactants. No EU use.
Dodigen 226	•	•	•	•						Cost-effective, compatible with nonionic/cationic detergents and wetting agents, no EU use.
Dodigen 2808/L	•		•	•	•	•	•	•	•	Quarternary ammonium compound for the manufacture of disinfectants. No EU use.
Genamin CTAC	•	•	•	•						Cationic surfactant for hard surface cleaners and liquid laundry detergents. Can be used as softening agents in softeners in liquid laundry.
Genamin STAC	•	•	•	•		•				Cationic surfactant for hard surface cleaners and liquid laundry detergents. Can be used as softening agents in softeners in liquid laundry.
Praepagen 3445						•	•			Rinse aid in car care applications, antistatic agent, softener formulation outside EU.
Praepagen 4317						•	•			Rinse aid in car care applications, antistatic agent
Praepagen HEQ 10	•	•	•	•		•	•			Detergency booster in presence of anionic-based formulations (HDWL) and cationic cleaner. Easily dosed, efficient, versatile.
Praepagen HY	•	•	•	•		•	•			Detergency booster in presence of anionic-based formulations (HDWL) and cationic cleaner. Easily dosed, efficient, versatile.
Praepagen TQ						•	•			Rinse aid in car care applications, antistatic agent.
Praepagen WB	•									Compatible with nonionic and cationic liquid formulations, synergistic effects with anionic, amphoteric and/or non-ionic surfactants, no EU use.
Surfactant (nonionic)										
Emulsogen LP	•									Emulsifier
Emulsogen M	•									Emulsifier
Genamin LAP 100 D	•			•						Surfactant for the chemical-technical industry

Chemical Description	CAS-Number	Appearance	Active content	Properties								
				Controlling of viscosity	Compatible with cationic formulations	Water dispersible	Hard water tolerance	High electrolyte compatibility	Particle stabilizer	Detergency booster	Low foaming surfactant	
Blend of sodium alkene sulphonate and lauryl ether sulfate		Liquid	40%									
Blend of sodium alkene sulphonate and lauryl ether sulfate TEA salt		Liquid	25%									
C12/14 alkyl dimethyl benzil ammonium chloride aq.	68424-85-1	Liquid	50%		•		•					
Cocos alkyl dimethyl benzil ammonium chloride aq.	68391-01-5	Liquid	50%		•		•					
Alkyl dimethyl benzil ammonium chloride	68391-01-5	Liquid	80%		•							
Cetyl trimethyl ammonium chloride	112-02-7	Liquid	29%	•	•		•					
Stearyl trimethyl ammonium chloride	112-03-8	Pellets	80%	•	•		•					
Ditallow dimethyl ammonium chloride aq. in isopropanol	68783-78-8	Liquid	70%		•	•						
Di-oleic acid triethanolamine esterquat in isopropanol	97338-06-2	Liquid	90%		•	•						
Alkyl hydroxyethyl dimethyl ammonium chloride	25322-68-3	Liquid	50%	•	•		•				•	
Alkyl hydroxyethyl dimethyl ammonium chloride	85736-63-6	Liquid	40%	•	•		•				•	
Triethanolamine dialkylester methosulphate in isopropanol	91995-81-2	Paste	90%		•	•						
Distearyl dimethyl ammonium chloride aq. in isopropanol	85736-63-6	Paste	80%		•	•						
Alkyl polyglycol ether		liquid	100%			•						
Fatty alcohol polyglycol ether	68920-66-1	liquid	100%									
Fatty amine ethoxylate	90640-43-0	pasty	100%		•		•					

Cleaning

Name	Application								Product Description
	Hard surface cleaning	Toilet & hygienic cleaning	Dairy & food cleaning	Industrial cleaners	Medical disinfectants	Vehicle washing	Vehicle care	Aerosols	
Surfactant (nonionic)									
Genamin O 020		•	•	•		•			Surface activity like cationic surfactants, hard water tolerant and resistant to chemicals, compatible with nonionic and cationic surfactants.
Genamin O 080	•								Surfactant for the chemical-technical industry
Genamin O 200	•								Surfactant for the chemical-technical industry
Genamin T 050	•								Surfactant for the chemical-technical industry
Genapol BE 2410	•	•	•	•					Extremely low foaming surfactant with excellent chemical and thermal stability. Especially suitable for high alkaline powder cleaners.
Genapol BE 2805	•	•	•	•					Extremely low foaming surfactant with excellent chemical and thermal stability. Especially suitable for high alkaline powder cleaners.
Genapol BE 2810	•	•	•	•					Extremely low foaming surfactant with excellent chemical and thermal stability. Especially suitable for high alkaline powder cleaners.
Genapol C 200	•	•	•						Dispersing agent and emulsifier
Genapol EP 0244	•		•	•					Excellent for high pressure cleaners
Genapol EP 1182	•			•					wetting agents for Industrial cleaners
Genapol EP 2424	•			•					Low foaming surfactant for all type of cleaners.
Genapol EP 2445	•			•					Excellent low foaming surfactant for cleaners and liquid laundry.
Genapol EP 2454	•			•					Excellent low foaming surfactant for all types of cleaners and laundry liquids.
Genapol EP 2464	•								Low foaming surfactant for all type of cleaners
Genapol EP 2484	•								Low foaming surfactant for all type of cleaners
Genapol EP 2525				•					Low foaming surfactant for all type of cleaners. Suitable to replace defoamers in heavy duty detergent powders.
Genapol EP 2544	•		•	•					Excellent low foaming surfactant for all types of cleaners and laundry liquids. Suitable for high pressure cleaners.
Genapol EP 2552	•			•					Excellent low foaming surfactant for all types of cleaners and laundry liquids. Suitable to replace defoamers in heavy duty powders.
Genapol EP 2564	•			•					Excellent low foaming surfactant for all types of cleaners and laundry liquids.
Genapol EP 2584	•			•					Excellent low foaming surfactant for all types of cleaners and laundry liquids.

Chemical Description	CAS-Number	Appearance	Active content	Properties								
				Controlling of viscosity	Compatible with cationic formulations	Water dispersible	Hard water tolerance	High electrolyte compatibility	Particle stabilizer	Detergency booster	Low foaming surfactant	
Oleyl amine ethoxylate	26635-93-8	Liquid to pasty	100%	•	•	•						
Fatty amine ethoxylate	26635-93-8	liquid	100%		•		•					
Fatty amine ethoxylate	26635-93-8	liquid	100%		•		•					
Fatty amine ethoxylate	61791-26-2	liquid	100%									
Lauryl alcohol ethoxylate butyl ether	147993-63-3	Liquid	85%		•							•
Coco alcohol ethoxylate butyl ether	146340-16-1	Liquid	98%		•	•						•
Coco alcohol ethoxylate butyl ether	146340-16-1	Liquid	85%		•							•
Coconut fatty alcohol polyglycol ether	61791-13-1	Wax	100%	•	•		•	•				
C10-12 fatty alcohol EO/PO adduct	68154-97-2	Liquid	100%		•							•
fatty alcohol alkoxyate	103818-93-5	liquid	100%				•					•
Lauryl alcohol EO/PO adduct	68439-51-0	Liquid	100%		•	•						•
Lauryl alcohol EO/PO adduct	69227-22-1	Liquid	100%		•							•
Lauryl alcohol EO/PO adduct	69227-22-1	Liquid	100%		•							•
Lauryl alcohol EO/PO adduct	68439-51-0	liquid	100%									•
Lauryl alcohol EO-PO adduct	120313-48-6	liquid	100%									•
C12/15 oxo alcohol EO-PO adduct	120313-48-6	Liquid	100%		•	•						•
C12/15 oxo alcohol EO-PO adduct	120313-48-6	Liquid	100%		•	•						•
C12/15 oxo alcohol EO-PO adduct	120313-48-6	Liquid	100%		•	•						•
C12/15 oxo alcohol EO-PO adduct	120313-48-6	Liquid	100%		•							•
C12/15 oxo alcohol EO-PO adduct	120313-48-6	Liquid	100%	•	•							•

Cleaning

Name	Application								Product Description
	Hard surface cleaning	Toilet & hygienic cleaning	Dairy & food cleaning	Industrial cleaners	Medical disinfectants	Vehicle washing	Vehicle care	Aerosols	
Surfactant (nonionic)									
Genapol LA 030	•	•	•	•		•			Component for associative thickening for surfactant systems and cleaners.
Genapol LA 050	•	•		•		•			Cleaner & detergent component, wetting agent.
Genapol LA 070	•	•	•	•		•			Cleaner & detergent component, Wetting agent.
Genapol LA 070 S	•	•	•	•		•			Cleaner & detergent component, wetting agent
Genapol LA 098	•			•					Cleaner & detergent component, Wetting agent.
Genapol LA 099	•			•					Cleaner & detergent component, wetting agent.
Genapol LA 100	•	•	•	•		•	•		Cleaner & detergent component, Wetting agent.
Genapol O 080		•	•	•		•			Wetting agents, dispersing agents, special cleaning agents, industrial cleaning agents, emulsifiers.
Genapol O 230		•	•	•		•			Wetting agents, dispersing agents, special cleaning agents, industrial cleaning agents, emulsifiers.
Genapol OX 030	•	•	•	•		•			Emulsifiers and dispersing agents for washing powders (HDP), wetting agents and industrial cleaners.
Genapol OX 070	•	•	•	•		•			Cleaner & detergent component, Wetting agent.
Genapol OX 100	•			•					Cleaner & detergent component, Wetting agent.
Genapol PF 10	•			•					Low-foaming, nonionic surfactant for the chemical industry
Genapol PF 20	•								Low-foaming, nonionic surfactant for the chemical industry
Genapol PF 40	•								Low-foaming, nonionic surfactant for the chemical industry
Genapol UD 050	•	•	•	•		•			Cleaner & detergent component, wetting agent.
Genapol UD 079	•	•	•	•		•			Cleaner & detergent component, Wetting agent
Genapol UD 080	•	•	•	•		•			Cleaner & detergent component, Wetting agent
Genapol UD 088	•	•	•	•		•			Cleaner & detergent component, Wetting agent
Genapol XS 050	•	•	•	•		•			Cleaner & detergent component, wetting agent
Genapol XS 070	•	•	•	•					Cleaner & detergent component, Wetting agent
Genapol XS 088	•	•	•	•		•			Cleaner & detergent component, Wetting agent

Chemical Description	CAS-Number	Appearance	Active content	Properties								
				Controlling of viscosity	Compatible with cationic formulations	Water dispersible	Hard water tolerance	High electrolyte compability	Particle stabilizer	Detergency booster	Low foaming surfactant	
Lauryl alcohol ethoxylate	68551-12-2	Liquid	100%	•	•	•						
Lauryl alcohol ethoxylate	68439-50-9	Liquid	100%		•	•	•					
Lauryl alcohol ethoxylate	68551-12-2	Liquid to pasty	100%		•		•					
Lauryl alcohol ethoxylate	68551-12-2	Liquid to pasty	100%		•		•					
Lauryl alcohol ethoxylate	68551-12-2	Liquid to pasty	80%		•		•					
Lauryl alcohol ethoxylate	68551-12-2	Liquid to pasty	90%		•		•					
Lauryl alcohol ethoxylate	68551-12-2	Paste	100%	•	•		•				•	
Oleyl alcohol ethoxylate	9004-98-2	Liquid to pasty	100%		•		•					
Oleyl alcohol ethoxylate	9004-98-2	Wax	100%		•		•					
C12/15 Oxo-alcohol polyglycol ether	1006232-83-1	Liquid	100%		•	•						
C12/15 Oxo-alcohol polyglycol ether	1006232-83-1	Viscous liquid	100%		•	•						
C12/15 Oxo-alcohol polyglycol ether	1006232-83-1	Paste	100%		•							
EO/PO block copolymer		liquid	100%			•						•
EO/PO block copolymer		liquid	100%									•
EO/PO block copolymer		liquid	100%									•
C11-oxo alcohol polyglycol ether	34398-01-1	Liquid	100%		•	•	•					
C11-oxo alcohol polyglycol ether	34398-01-1	Liquid	90%		•		•					
C11-oxo alcohol polyglycol ether	34398-01-1	Liquid to pasty	100%		•		•					
C11-oxo alcohol polyglycol ether	34398-01-1	Liquid	80%		•		•					
Iso-undecyl alcohol ethoxylate	169107-21-5	Liquid	100%		•	•	•					
Iso-undecyl alcohol ethoxylate	169107-21-5	Liquid to pasty	100%		•		•					
Iso-undecyl alcohol ethoxylate	169107-21-5	Liquid	80%		•		•					

Cleaning

Name	Application							Product Description
	Hard surface cleaning	Toilet & hygienic cleaning	Dairy & food cleaning	Industrial cleaners	Medical disinfectants	Vehicle washing	Vehicle care	
Surfactant (nonionic)								
Genapol XS 118	•	•		•				Cleaner & detergent component, wetting agent

Dishwash

Name	Application			Product Description	Chemical Description
	Automatic dish-washing	Automatic dish-washing rinses	Hand dish-washing		
Binder & Auxiliary					
Genapol T 680	•			Solid nonionic surfactant, suitable for coating of enzymes, bleach activators and extrusion products. Excellent binder for toilet rim blocks and gels.	Cetostearilic alcohol polyglycol ether
Polyglykol 1500 PS	•			Binder for dishwashing and laundry tabs and multi-phase products.	Polyethyleneglykol
Polyglykol 1500 S	•			Binder for dishwashing and laundry tabs and multi-phase products.	Polyethyleneglykol
Polyglykol 300	•		•	For use as solvent or humectant	Polyethyleneglykol
Polyglykol 3350 P	•			Binder for dishwashing and laundry tabs and multi-phase products.	Polyethyleneglykol
Polyglykol 3350 PS	•			Binder for dishwashing and laundry tabs and multi-phase products.	Polyethyleneglykol
Polyglykol 400	•		•	For use as solvent or humectant	Polyethyleneglykol
Polyglykol 4000 P	•			Binder for dishwashing and laundry tabs and multi-phase products.	Polyethyleneglykol
Polyglykol 4000 PS	•			Binder for dishwashing and laundry tabs and multi-phase products.	Polyethyleneglykol
Polyglykol 6000 PS	•			Binder for dishwashing and laundry tabs and multi-phase products.	Polyethyleneglykol
Biocide					
Nipacide BIT 20		•	•	In-can biocide for the protection of cleaning products. Excellent pH and temperature stability. Formaldehyde free.	1,2 benzoisothiazolin-3-one
Nipacide BSM			•	In-can biocide for comprehensive wet state protection of household products. Good pH and temperature stability. Formaldehyde and CMIT free product.	Blend of 1,2 -benzisothiazolin-3-one and 2-methyl-4-isothiazolin-3-one aq.
Nipacide CFX 4		•	•	In-can biocide for comprehensive wet state protection of household products. Provides headspace protection.	Blend of 5-chloro-2-methyl-4-isothiazolin-3-one, 2-methyl-4-isothiazolin-3-one and 1,6-dihydroxy-2,5-dioxahexane aq.

Chemical Description	CAS-Number	Appearance	Active content	Properties							
				Controlling of viscosity	Compatible with cationic formulations	Water dispersible	Hard water tolerance	High electrolyte compatibility	Particle stabilizer	Detergency booster	Low foaming surfactant

Iso-undecyl alcohol ethoxylate	169107-21-5	Liquid	80%		•		•					
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CAS-Number	Appearance	Active content	Properties							
			Controlling of viscosity	Compatible with cationic formulations	Water dispersible	Hard water tolerance	High electrolyte compatibility	Particle stabilizer	Detergency booster	Low foaming surfactant

68439-49-6	Wax-like or white powder	100%		•		•						
25322-68-3	Sprayed powder	100%	•	•		•	•					
25322-68-3	Flakes	100%	•	•		•	•					
25322-68-3	Flakes	100%	•	•		•	•					
25322-68-3	Powder	100%	•	•		•	•					
25322-68-3	Sprayed powder	100%	•	•		•	•					
25322-68-3	Flakes	100%	•	•		•	•					
25322-68-3	Powder	100%	•	•		•	•					
25322-68-3	Sprayed powder	100%	•	•		•	•					
25322-68-3	Sprayed powder	100%	•	•		•	•					

2634-33-5	Liquid	20%		•								
2634-33-5 / 2682-20-4	Liquid	5%		•								
55965-84-9	Liquid	35%		•								

Dishwash

Name	Application			Product Description	Chemical Description
	Automatic dish-washing	Automatic dish-washing rinses	Hand dish-washing		
Biocide					
Nipacide CI 15			●	In-can biocide for comprehensive wet state protection of household products. Formaldehyde free product.	Blend of 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-4-isothiazolin-3-one (3:1)
Nipacide FC		●	●	In-can biocide for comprehensive wet state protection of household products. Provides headspace protection. Good pH and temperature stability.	1,6-dihydroxy-2,5-dioxahexane
Nipacide IB		●	●	In-can biocide for comprehensive wet state protection of household products.	Blend of 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-4-isothiazolin-3-one (3:1) and 2-bromo-2-nitropropane-1,3-diol
Rheology Modifier					
Hostagel VB			●	Reduces effectively the viscosity of hand dishwashing liquids. Additionally prevents drying of skin and enhances mildness of formulation.	Aqueous solution of nonionic polyester of polypropylene terephthalate.
Rinse aid					
Genapol EC 50	●	●		Excellent low foaming surfactant and rinse aid for automatic dishwashing liquids, tabs and rinses. Great overall rinse and drying performance. Ideal for P-free tablets.	Modified alcohol polyglycol ether
Genapol EC 50 M 90	●	●		Excellent low foaming surfactant and rinse aid for automatic dishwashing liquids, tabs and rinses. Great overall rinse and drying performance. Ideal for P-free tablets.	Modified alcohol polyglycol ether
Genapol EP 2445	●	●		Excellent low foaming surfactant and rinse aid for automatic dishwashing liquids, tabs and rinses.	Lauryl alcohol EO/PO adduct
Genapol EP 2454	●	●		Excellent low foaming surfactant and rinse aid for automatic dishwashing liquids, tabs and rinses.	Lauryl alcohol EO/PO adduct
Genapol EP 2464	●	●		Excellent low foaming surfactant and rinse aid for automatic dishwashing liquids, tabs and rinses.	Lauryl alcohol EO/PO adduct
Genapol EP 2484	●	●		Excellent low foaming rinse surfactant	Lauryl alcohol EO-PO adduct
Genapol EP 2564	●	●		Excellent low foaming surfactant and rinse aid for automatic dishwashing liquids, tabs and rinses.	C12/15 oxo alcohol EO-PO adduct
Genapol EP 2584	●	●		Excellent low foaming surfactant and rinse aid for automatic dishwashing liquids, tabs and rinses.	C12/15 oxo alcohol EO-PO adduct
Glucopure Sense	●		●	sugar based co-surfactant giving sensorial benefits to mild formulations	Sunfloweroyl Methyl Glucamide
Glucopure Wet		●		excellent wetting agent	Capryloyl/Caproyl Methyl Glucamide
Surfactant (amphoteric)					
Genagen B 1566			●	Foam and detergency booster. Good viscosity raising properties. Good skin compatibility in combination with anionic surfactant.	Coco alkyl dimethyl betaine
Genagen B 3200			●	Foam and detergency booster. Good skin compatibility in combination with anionic surfactant. Better viscosity raising properties than Genagen CAB 818 due to short chain cut type.	Cocoamidopropyl betaine

CAS-Number	Appearance	Active content	Properties							
			Controlling of viscosity	Compatible with cationic formulations	Water dispersible	Hard water tolerance	High electrolyte compatibility	Particle stabilizer	Detergency booster	Low foaming surfactant
55965-84-9	Liquid	1,5%		•						
3586-55-8	Liquid	100%		•						
55965-84-9/52-51-7	Liquid	11%		•						
	Liquid	70%	•	•		•				
	Wax-like	100%				•				•
	liquid	90%				•				•
69227-22-1	Liquid	100%		•						•
69227-22-1	Liquid	100%		•						•
68439-51-0	Liquid	100%		•						•
120313-48-6	liquid	100%		•			•			•
120313-48-6	Liquid	100%		•						•
120313-48-6	Liquid	100%	•	•						•
	liquid	52%	•			•			•	
	liquid	50%							•	
68424-94-2	Liquid	30%	•	•					•	
61789-40-0	Liquid	30%	•	•						

Dishwash

Name	Application			Product Description	Chemical Description
	Automatic dish-washing	Automatic dish-washing rinses	Hand dish-washing		
Surfactant (amphoteric)					
Genagen CAB 818			•	Foam and detergency booster. Good viscosity raising properties. Good skin compatibility in combination with anionic surfactant.	Cocamidopropyl betaine
Genagen DAB			•	Foam and detergency booster. Good viscosity raising properties. Good skin compatibility in combination with anionic surfactant.	Laurylamidopropyl betaine
Genagen SBF	•	•	•	Associated with anionic surfactants, provides synergistic effects regarding viscosity and foaming properties. Excellent skin compatibility.	Stearamidopropyl betaine
Genaminox 1014			•	Foam and detergency booster. Good viscosity raising properties. Good skin compatibility in combination with anionic surfactant. Stable against hydrogen peroxide, chlorine bleach and under alkaline and acidic conditions.	Blend of C10 and C14 Alkyl dimethyl amine oxide
Genaminox 1216			•	Stable against hydrogen peroxide, chlorine bleach and strong alkaline and acidic conditions.	Alkyl dimethyl amine oxide
Genaminox 14 R			•	Stable against hydrogen peroxide, chlorine bleach and strong alkaline and acidic conditions.	Tetradecyl dimethyl amineoxide
Genaminox AP			•	Foam and detergency booster. Good viscosity raising properties. Good skin compatibility in combination with anionic surfactant.	Laurylamidopropyl dimethyl amineoxide
Genaminox CHE			•	Foam and detergency booster, excellent grease remover, stable against hydrogen peroxide bleach.	Cocoyldiethoxy amineoxide
Genaminox CSL			•	Stable against hydrogen peroxide, chlorine bleach and strong alkaline and acidic conditions. Excellent viscosity adjusting properties. Especially suitable for toilet cleaners.	Coco dimethyl amineoxide
Genaminox K-12			•	Foam and detergency booster. Good viscosity raising properties. Good skin compatibility in combination with anionic surfactant. Stable against hydrogen peroxide, chlorine bleach and under alkaline and acidic conditions.	Lauryl dimethyl amineoxide
Genaminox KC			•	Foam and detergency booster. Good viscosity raising properties. Good skin compatibility in combination with anionic surfactant. Stable against hydrogen peroxide, chlorine bleach and alkaline and under acidic conditions.	Coco dimethyl amineoxide
Genaminox LA			•	Stable against hydrogen peroxide, chlorine bleach and strong alkaline and acidic conditions. Excellent viscosity adjusting properties	Lauryl dimethyl amineoxide
Genaminox LAH			•	Foam and detergency booster; good viscosity raising properties; good skin compatibility in combination with anionic surfactant; stable against hydrogen peroxide, chlorine bleach and under alkaline and acidic conditions; pH non-adjusted type of Genami	Lauryl dimethyl amineoxide
Genaminox LO			•	Stable against hydrogen peroxide, chlorine bleach and strong alkaline and acidic conditions.	Coco dimethyl amineoxide
Genaminox MY			•	Foam and detergency booster; excellent viscosity raising properties; good skin compatibility in combination with anionic surfactant; stable against hydrogen peroxide, chlorine bleach and alkaline and under acidic conditions.	Myristyl dimethyl amine oxide
Surfactant (anionic)					
Genapol LRO liquid			•	Excellent foaming agent	Lauryl diglycol ether sulphate sodium salt

CAS-Number	Appearance	Active content	Properties							
			Controlling of viscosity	Compatible with cationic formulations	Water dispersible	Hard water tolerance	High electrolyte compatibility	Particle stabilizer	Detergency booster	Low foaming surfactant
61789-40-0	Liquid	30%	•	•		•			•	
	Liquid	28%	•	•					•	
6179-44-8	Solid	25%		•		•			•	
2605-79-0 / 3332-27-2	Liquid	32%	•	•		•			•	
85408-49-7	Liquid	30%	•	•		•				
3332-27-2	Viscous liquid	30%	•	•		•				
61792-31-2	Liquid	29%	•	•		•			•	
61791-47-7	Liquid	37%	•	•		•			•	
61788-90-7	Liquid	30%	•	•		•			•	
1643-20-5	Liquid	32%	•	•		•			•	
61788-90-7	Liquid	30%	•	•		•			•	
1643-20-5	Liquid	30%	•	•		•			•	
1643-20-5	Liquid	32%	•	•		•			•	
61788-90-7	Liquid	30%	•	•		•			•	
3332-27-2	Viscous liquid	23%	•	•		•			•	
68891-38-3	Liquid	27%				•				

Dishwash

Name	Application			Product Description	Chemical Description
	Automatic dish-washing	Automatic dish-washing rinses	Hand dish-washing		
Surfactant (anionic)					
Genapol LRO Paste			•	Excellent foaming agent	Lauryl diglycol ether sulphate sodium salt
Hostapur OS liq			•	High foaming primary surfactant for hand dishwashing liquids. Low stickiness to textile fibres; especially for carpet and upholstery cleaners. Low tendency to build up viscosity therefore suitable for use in I&I cleaners .	C14-16 alpha olefin sulphonate sodium salt
Medialan LD			•	Excellent foaming power in electrolytes-containing solutions.	Lauryl sarcoside sodium salt
Phenylsulfonat LAS 50			•	Cleaner and detergent component; foaming and wetting agent; emulsifier	Sodium dodecyl benzene sulfonate
Surfactant (blend)					
Genapol 1007			•	Synergistic blend for liquid pearlescing formulations	Blend of glycol distearate, anionic and amphoteric surfactants
Genapol BTO			•	Synergistic blend based on renewable feedstock for manual dishwashing.	Blend of anionic and amphoteric surfactants
Hostapur 3754			•	Hostapur SAS blend with good stability at low temperature suited for highly concentrated products and industrial cleaning agents.	Blend of sodium alkene sulphonate and lauryl ether sulfate
Hostapur TES 20			•	Hostapur SAS blend with good stability at low temperature	Blend of sodium alkene sulphonate and lauryl ether sulfate TEA salt
Surfactant (cationic)					
Praepagen HEQ 10			•	Detergency booster in presence of anionic-based formulations (HDWL) and cationic cleaner. Easily dosed, efficient, versatile.	Alkyl hydroxyethyl dimethyl ammonium chloride
Praepagen HY			•	Detergency booster in presence of anionic-based formulations (HDWL) and cationic cleaner. Easily dosed, efficient, versatile.	Alkyl hydroxyethyl dimethyl ammonium chloride
Praepagen WB			•	Compatible with nonionic and cationic liquid formulations, synergistic effects with anionic, amphoteric and/or non-ionic surfactants, no EU use.	Distearyl dimethyl ammonium chloride aq. in isopropanol
Surfactant (nonionic)					
Genapol LA 030			•	Component for associative thickening for surfactant systems and cleaners.	Lauryl alcohol ethoxylate
Genapol LA 070			•	Cleaner & detergent component, Wetting agent.	Lauryl alcohol ethoxylate
Genapol LA 070 S			•	Cleaner & detergent component, wetting agent	Lauryl alcohol ethoxylate
Genapol LA 100	•	•	•	Cleaner & detergent component, Wetting agent.	Lauryl alcohol ethoxylate
Genapol OX 030			•	Emulsifiers and dispersing agents for washing powders (HDP), wetting agents and industrial cleaners.	C12/15 Oxo-alcohol polyglycol ether
Genapol OX 070			•	Cleaner & detergent component, Wetting agent.	C12/15 Oxo-alcohol polyglycol ether
Genapol UD 050			•	Cleaner & detergent component, wetting agent.	C11-oxo alcohol polyglycol ether
Genapol UD 079			•	Cleaner & detergent component, Wetting agent	C11-oxo alcohol polyglycol ether

CAS-Number	Appearance	Active content	Properties							
			Controlling of viscosity	Compatible with cationic formulations	Water dispersible	Hard water tolerance	High electrolyte compatibility	Particle stabilizer	Detergency booster	Low foaming surfactant
68891-38-3	Paste	69%				•				•
68439-57-6	Liquid	40%				•				•
137-16-6	Liquid	30%						•		•
1888-91-0	Paste	98%						•		•
	Paste	54%								
	Liquid	39%		•		•				•
	Liquid	40%								
	Liquid	25%								
25322-68-3	Liquid	50%	•	•		•				•
85736-63-6	Liquid	40%	•	•		•				•
85736-63-6	Paste	80%		•	•					
68551-12-2	Liquid	100%	•	•	•					
68551-12-2	Liquid to pasty	100%		•		•				
68551-12-2	Liquid to pasty	100%		•		•				
68551-12-2	Paste	100%	•	•		•				•
1006232-83-1	Liquid	100%		•	•					
1006232-83-1	Viscous liquid	100%		•	•					
34398-01-1	Liquid	100%		•	•	•				
34398-01-1	Liquid	90%		•		•				

Dishwash

Name	Application			Product Description	Chemical Description
	Automatic dish-washing	Automatic dish-washing rinses	Hand dish-washing		
Surfactant (nonionic)					
Genapol UD 080			•	Cleaner & detergent component, Wetting agent	C11-oxo alcohol polyglycol ether
Genapol UD 088			•	Cleaner & detergent component, Wetting agent	C11-oxo alcohol polyglycol ether
Genapol XS 050			•	Cleaner & detergent component, wetting agent	Iso-undecyl alcohol ethoxylate
Genapol XS 070			•	Cleaner & detergent component, Wetting agent	Iso-undecyl alcohol ethoxylate
Genapol XS 088			•	Cleaner & detergent component, Wetting agent	Iso-undecyl alcohol ethoxylate
Genapol XS 118			•	Cleaner & detergent component, wetting agent	Iso-undecyl alcohol ethoxylate
GlucPure Sense	•		•	sugar based co-surfactant giving sensorial benefits to mild formulations	Sunfloweroyl Methyl Glucamide

Laundry

Name	Application				Product Description	Chemical Description
	Pre-treatment	Laundry & powder tabs	Laundry liquids	Fabric softener		
Binder & Auxiliary						
Genapol T 680		•			Solid nonionic surfactant, suitable for coating of enzymes, bleach activators and extrusion products. Excellent binder for toilet rim blocks and gels.	Cetostearilic alcohol polyglycol ether
Biocide						
Nipacide BIT 20	•		•	•	In-can biocide for the protection of cleaning products. Excellent pH and temperature stability. Formaldehyde free.	1,2 benzoisothiazolin-3-one
Nipacide BSM	•		•	•	In-can biocide for comprehensive wet state protection of household products. Good pH and temperature stability. Formaldehyde and CMIT free product.	Blend of 1,2 - benzoisothiazolin-3-one and 2-methyl-4-isothiazolin-3-one aq.
Nipacide CFX 4	•		•	•	In-can biocide for comprehensive wet state protection of household products. Provides headspace protection.	Blend of 5-chloro-2-methyl-4-isothiazolin-3-one, 2-methyl-4-isothiazolin-3-one and 1,6-dihydroxy-2,5-dioxahexane aq.
Nipacide CI 15	•		•	•	In-can biocide for comprehensive wet state protection of household products. Formaldehyde free product.	Blend of 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-4-isothiazolin-3-one (3:1)

CAS-Number	Appearance	Active content	Properties							
			Controlling of viscosity	Compatible with cationic formulations	Water dispersible	Hard water tolerance	High electrolyte compability	Particle stabilizer	Detergency booster	Low foaming surfactant
34398-01-1	Liquid to pasty	100%		•		•				
34398-01-1	Liquid	80%		•		•				
169107-21-5	Liquid	100%		•	•	•				
169107-21-5	Liquid to pasty	100%		•		•				
169107-21-5	Liquid	80%		•		•				
169107-21-5	Liquid	80%		•		•				
	liquid	52%	•			•			•	

CAS-Number	Appearance	Active content	Properties							
			Controlling of viscosity	Compatible with cationic formulations	Water dispersible	Hard water tolerance	High electrolyte compability	Particle stabilizer	Detergency booster	Low foaming surfactant
68439-49-6	Wax-like or white powder	100%		•		•				
2634-33-5	Liquid	20%		•						
2634-33-5 / 2682-20-4	Liquid	5%		•						
55965-84-9	Liquid	35%		•						
55965-84-9	Liquid	1,5%		•						

Laundry

Name	Application				Product Description	Chemical Description
	Pre-treatment	Laundry & powder tabs	Laundry liquids	Fabric softener		
Biocide						
Nipacide FC	•		•	•	In-can biocide for comprehensive wet state protection of household products. Provides headspace protection. Good pH and temperature stability.	1,6-dihydroxy-2,5-dioxahexane
Nipacide IB	•		•	•	In-can biocide for comprehensive wet state protection of household products.	Blend of 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-4-isothiazolin-3-one (3:1) and 2-bromo-2-nitropropane-1,3-diol
Nipacide IPBC 30			•		Excellent activity against fungi.	3-iodo-2-propynyl butyl carbamate
Softener						
Praepagen 3445				•	Softener quat for use outside EU	Ditallow dimethyl ammonium chloride aq. in isopropanol
Praepagen 4317				•	For clear and high active softeners.	Di-oleic acid triethanolamine esterquat in isopropanol
Praepagen TQ	•			•	Effective fabric softener quat	Triethanolamine dialkylester methosulphate in isopropanol
Praepagen WB	•	•	•		Compatible with nonionic and cationic liquid formulations, synergistic effects with anionic, amphoteric and/or non-ionic surfactants, no EU use.	Distearyl dimethyl ammonium chloride aq. in isopropanol
Praepagen WK				•	Softener quat for use outside EU	Dihydrogenated tallow fatty alkyl dimethyl ammonium chloride aq. in isopropanol
Soil release polymer						
TexCare SRA 300F	•	•			Soil release polymer for powder detergents. Delivers fabric hydrophilization & reduction of soil redepositioning.	Anionic polyester of polypropylene terephthalate
TexCare SRN 100		•	•		Soil Release Polymer for water-free laundry formats	nonionic polyester of polypropylene terephthalate
TexCare SRN 170	•		•		Soil release polymer for liquid and powder detergents. Delivers fabric hydrophilization & reduction of soil redepositioning in liquid laundry formulations. Compatible with Nordic Swan criteria.	Aqueous solution of nonionic polyester of polypropylene terephthalate.
TexCare SRN 172	•	•	•		Soil release polymer especially designed for laundry pouches. Delivers fabric hydrophilization & reduction of soil redepositioning in liquid laundry formulations. Compatible with Nordic Swan criteria.	Solution of nonionic polyester of polypropylene terephthalate in water and propylene glycol.

CAS-Number	Appearance	Active content	Properties							
			Controlling of viscosity	Compatible with cationic formulations	Water dispersible	Hard water tolerance	High electrolyte compatibility	Particle stabilizer	Detergency booster	Low foaming surfactant
3586-55-8	Liquid	100%		•						
55965-84-9/52-51-7	Liquid	11%		•						
85045-09-6	Liquid	30%		•						
68783-78-8	Liquid	70%		•	•					
97338-06-2	Liquid	90%		•	•					
91995-81-2	Paste	90%		•	•					
85736-63-6	Paste	80%		•	•					
91995-81-2	Paste	80%		•	•					
	Powder	100%				•			•	
	waxy	100%				•			•	
	Liquid	70%	•	•		•				
	Liquid	70%	•	•		•				

Laundry

Name	Application				Product Description	Chemical Description
	Pre-treatment	Laundry & powder tabs	Laundry liquids	Fabric softener		
Soil release polymer						
TexCare SRN 260	•		•		Soil release polymer for liquid and powder detergents. Delivers fabric hydrophilization & reduction of soil redepositioning in liquid laundry formulations. Compatible with Nordic Swan criteria.	Dispersion of nonionic polyester of polypropylene terephthalate in water and propylene glycol.
Surfactant (amphoteric)						
Genagen SBF			•	•	Associated with anionic surfactants, provides synergistic effects regarding viscosity and foaming properties. Excellent skin compatibility.	Stearamidopropyl betaine
Genaminox 1014	•				Foam and detergency booster. Good viscosity raising properties. Good skin compatibility in combination with anionic surfactant. Stable against hydrogen peroxide, chlorine bleach and under alkaline and acidic conditions.	Blend of C10 and C14 Alkyl dimethyl amine oxide
Genaminox 1216	•				Stable against hydrogen peroxide, chlorine bleach and strong alkaline and acidic conditions.	Alkyl dimethyl amine oxide
Genaminox 14 R	•				Stable against hydrogen peroxide, chlorine bleach and strong alkaline and acidic conditions.	Tetradecyl dimethyl amineoxide
Genaminox AP	•				Foam and detergency booster. Good viscosity raising properties. Good skin compatibility in combination with anionic surfactant.	Laurylamidopropyl dimethyl amineoxide
Genaminox DC 40	•				Foam and detergency booster. Stable against hydrogen peroxide, chlorine bleach and strong alkaline and acidic conditions.	Decyl dimethyl amineoxide
Genaminox K-10	•				Foam and detergency booster. Stable against hydrogen peroxide, chlorine bleach and strong alkaline and acidic conditions.	Decyl dimethyl amineoxide
Genaminox K-12	•				Foam and detergency booster. Good viscosity raising properties. Good skin compatibility in combination with anionic surfactant. Stable against hydrogen peroxide, chlorine bleach and under alkaline and acidic conditions.	Lauryl dimethyl amineoxide
Genaminox KC	•				Foam and detergency booster. Good viscosity raising properties. Good skin compatibility in combination with anionic surfactant. Stable against hydrogen peroxide, chlorine bleach and alkaline and under acidic conditions.	Coco dimethyl amineoxide
Genaminox LAH	•				Foam and detergency booster; good viscosity raising properties; good skin compatibility in combination with anionic surfactant; stable against hydrogen peroxide, chlorine bleach and under alkaline and acidic conditions; pH non-adjusted type of Genami	Lauryl dimethyl amineoxide
Genaminox LO	•				Stable against hydrogen peroxide, chlorine bleach and strong alkaline and acidic conditions.	Coco dimethyl amineoxide
Genaminox MY	•				Foam and detergency booster; excellent viscosity raising properties; good skin compatibility in combination with anionic surfactant; stable against hydrogen peroxide, chlorine bleach and alkaline and under acidic conditions.	Myristyl dimethyl amine oxide
Surfactant (anionic)						
Genapol LRO liquid	•		•		Excellent foaming agent	Lauryl diglycol ether sulphate sodium salt
Genapol LRO Paste	•	•	•		Excellent foaming agent	Lauryl diglycol ether sulphate sodium salt

CAS-Number	Appearance	Active content	Properties							
			Controlling of viscosity	Compatible with cationic formulations	Water dispersible	Hard water tolerance	High electrolyte compatibility	Particle stabilizer	Detergency booster	Low foaming surfactant
	Dispersion	60%		•	•	•				•
6179-44-8	Solid	25%		•		•				•
2605-79-0 / 3332-27-2	Liquid	32%	•	•		•				•
85408-49-7	Liquid	30%	•	•		•				
3332-27-2	Viscous liquid	30%	•	•		•				
61792-31-2	Liquid	29%	•	•		•				•
2605-79-0	Liquid	40%	•	•		•				
2605-79-0	Liquid	29%		•		•				•
1643-20-5	Liquid	32%	•	•		•				•
61788-90-7	Liquid	30%	•	•		•				•
1643-20-5	Liquid	32%	•	•		•				•
61788-90-7	Liquid	30%	•	•		•				•
3332-27-2	Viscous liquid	23%	•	•		•				•
68891-38-3	Liquid	27%				•				
68891-38-3	Paste	69%				•				•

Laundry

Name	Application				Product Description	Chemical Description
	Pre-treatment	Laundry & powder tabs	Laundry liquids	Fabric softener		
Surfactant (anionic)						
Hostapur OS liq	•	•	•		High foaming primary surfactant for hand dishwashing liquids. Low stickiness to textile fibres; especially for carpet and upholstery cleaners. Low tendency to build up viscosity therefore suitable for use in I&I cleaners .	C14-16 alpha olefin sulphonate sodium salt
Phenylsulfonat LAS 50	•	•	•		Cleaner and detergent component; foaming and wetting agent; emulsifier	Sodium dodecyl benzene sulfonate
Surfactant (blend)						
Genapol 1007	•		•		Synergistic blend for liquid pearlescing formulations	Blend of glycol distearate, anionic and amphoteric surfactants
Genapol HDL Paste	•		•		Blend of ecological friendly surfactants, free of LASS, for HDL formulations.	Blend of anionic, nonionic and amphoteric surfactants
Hostapur 3754	•		•		Hostapur SAS blend with good stability at low temperature suited for highly concentrated products and industrial cleaning agents.	Blend of sodium alkene sulphonate and lauryl ether sulfate
Hostapur TES 20	•		•		Hostapur SAS blend with good stability at low temperature	Blend of sodium alkene sulphonate and lauryl ether sulfate TEA salt
Surfactant (cationic)						
Genamin CTAC				•	Cationic surfactant for hard surface cleaners and liquid laundry detergents. Can be used as softening agents in softeners in liquid laundry.	Cetyl trimethyl ammonium chloride
Genamin STAC				•	Cationic surfactant for hard surface cleaners and liquid laundry detergents. Can be used as softening agents in softeners in liquid laundry.	Stearyl trimethyl ammonium chloride
Praepagen HEQ 10	•	•	•	•	Detergency booster in presence of anionic-based formulations (HDWL) and cationic cleaner. Easily dosed, efficient, versatile.	Alkyl hydroxyethyl dimethyl ammonium chloride
Praepagen HY	•	•	•	•	Detergency booster in presence of anionic-based formulations (HDWL) and cationic cleaner. Easily dosed, efficient, versatile.	Alkyl hydroxyethyl dimethyl ammonium chloride
Praepagen WB	•	•	•		Compatible with nonionic and cationic liquid formulations, synergistic effects with anionic, amphoteric and/or non-ionic surfactants, no EU use.	Distearyl dimethyl ammonium chloride aq. in isopropanol
Praepagen WK				•	Softener quat for use outside EU	Dihydrogenated tallow fatty alkyl dimethyl ammonium chloride aq. in isopropanol
Surfactant (nonionic)						
Genapol LA 030	•	•	•		Component for associative thickening for surfactant systems and cleaners.	Lauryl alcohol ethoxylate
Genapol LA 070	•	•	•		Cleaner & detergent component, Wetting agent.	Lauryl alcohol ethoxylate

CAS-Number	Appearance	Active content	Properties								
			Controlling of viscosity	Compatible with cationic formulations	Water dispersible	Hard water tolerance	High electrolyte compatibility	Particle stabilizer	Detergency booster	Low foaming surfactant	
68439-57-6	Liquid	40%				•				•	
1888-91-0	Paste	98%						•		•	
	Paste	54%									
	Paste	54%									
	Liquid	40%									
	Liquid	25%									
112-02-7	Liquid	29%	•	•		•					
112-03-8	Pellets	80%	•	•		•					
25322-68-3	Liquid	50%	•	•		•				•	
85736-63-6	Liquid	40%	•	•		•				•	
85736-63-6	Paste	80%		•	•						
91995-81-2	Paste	80%		•	•						
68551-12-2	Liquid	100%	•	•	•						
68551-12-2	Liquid to pasty	100%		•		•					

Laundry

Name	Application				Product Description	Chemical Description
	Pre-treatment	Laundry & powder tabs	Laundry liquids	Fabric softener		
Surfactant (nonionic)						
Genapol LA 070 S	•		•		Cleaner & detergent component, wetting agent	Lauryl alcohol ethoxylate
Genapol LA 100		•	•		Cleaner & detergent component, Wetting agent.	Lauryl alcohol ethoxylate
Genapol O 080	•	•	•		Wetting agents, dispersing agents, special cleaning agents, industrial cleaning agents, emulsifiers.	Oleyl alcohol ethoxylate
Genapol O 230	•	•			Wetting agents, dispersing agents, special cleaning agents, industrial cleaning agents, emulsifiers.	Oleyl alcohol ethoxylate
Genapol OX 030	•	•	•		Emulsifiers and dispersing agents for washing powders (HDP), wetting agents and industrial cleaners.	C12/15 Oxo-alcohol polyglycol ether
Genapol OX 070	•	•	•		Cleaner & detergent component, Wetting agent.	C12/15 Oxo-alcohol polyglycol ether
Genapol OX 100	•	•	•		Cleaner & detergent component, Wetting agent.	C12/15 Oxo-alcohol polyglycol ether
Genapol UD 050	•		•		Cleaner & detergent component, wetting agent.	C11-oxo alcohol polyglycol ether
Genapol UD 079	•		•		Cleaner & detergent component, Wetting agent	C11-oxo alcohol polyglycol ether
Genapol UD 080	•		•		Cleaner & detergent component, Wetting agent	C11-oxo alcohol polyglycol ether
Genapol UD 088	•		•		Cleaner & detergent component, Wetting agent	C11-oxo alcohol polyglycol ether
Genapol XS 050	•		•		Cleaner & detergent component, wetting agent	Iso-undecyl alcohol ethoxylate
Genapol XS 070	•		•		Cleaner & detergent component, Wetting agent	Iso-undecyl alcohol ethoxylate
Genapol XS 088	•		•		Cleaner & detergent component, Wetting agent	Iso-undecyl alcohol ethoxylate

CAS-Number	Appearance	Active content	Properties							
			Controlling of viscosity	Compatible with cationic formulations	Water dispersible	Hard water tolerance	High electrolyte compatibility	Particle stabilizer	Detergency booster	Low foaming surfactant
68551-12-2	Liquid to pasty	100%		•		•				
68551-12-2	Paste	100%	•	•		•				•
9004-98-2	Liquid to pasty	100%		•		•				
9004-98-2	Wax	100%		•		•				
1006232-83-1	Liquid	100%		•	•					
1006232-83-1	Viscous liquid	100%		•	•					
1006232-83-1	Paste	100%		•						
34398-01-1	Liquid	100%		•	•	•				
34398-01-1	Liquid	90%		•		•				
34398-01-1	Liquid to pasty	100%		•		•				
34398-01-1	Liquid	80%		•		•				
169107-21-5	Liquid	100%		•	•	•				
169107-21-5	Liquid to pasty	100%		•		•				
169107-21-5	Liquid	80%		•		•				