



Surfactants for Home Care products

Local. Global. Integrated.

Operating in 17 countries, in 39 different locations, PCC SE currently employs over 3 300 people.



About Us

PCC Exol SA is a major player in the European surfactants market. In the eastern and central-eastern part of the continent, it is the undisputed leader in its industry. Most of the production facilities and the company's headquarters are located in Brzeg Dolny, Poland. Here we develop, test and manufacture a wide range of anionic, non-ionic and amphoteric surfactants and speciality industrial formulations.

New products are continuously added to the portfolio in response to market trends and individual customer requirements. The surfactants produced at the plants have a very wide range of industrial applications. They

are used as wetting agents, emulsifiers, auxiliaries in paper, metallurgy and many other industries, as well as in household chemicals, personal care products and textiles.

PCC EXOL pays special attention to the issue of sustainable development, which is one of the key elements of the company's strategy. In order to strengthen its competitive position in the surfactants market, the company is committed to promoting responsible production and consumption throughout the value chain. The concept of sustainable development is therefore a key aspect of all the company's management and operational processes.

<p>PCC ROKITA SA PCC PCG OXYALKYLATES IRPC</p> <p>Polyols </p> <ul style="list-style-type: none"> • Polyether polyols • Polyester polyols • Prepolymers • Polyurethane Systems 	<p>PCC ROKITA SA</p> <p>Chlorine </p> <ul style="list-style-type: none"> • Chlorine • MCAA • Other Chlorine Downstream Product 	<p>PCC ROKITA SA</p> <p>Phosphorus </p> <ul style="list-style-type: none"> • Phosphorus derivatives • Naphthalene derivatives • Polycarboxethers (PCE) 	<p>PCC EXOL SA PCC CHEMAX INC PCC PCG OXYALKYLATES</p> <p>Surfactants </p> <ul style="list-style-type: none"> • Anionic surfactants • Cationic surfactants • Nonionic surfactants • Amphoteric surfactants (betaines) • Chemical formulation 	<p>PCC SYNTEZA</p> <p>Alkylphenols </p> <ul style="list-style-type: none"> • Nonylphenol • Dodecylphenol • Tristyrylphenol
<p>PCC CONSUMER PRODUCTS SA</p> <p>Consumer Products </p> <ul style="list-style-type: none"> • Household & industrial Cleaners, Detergents and Personal Care Products 	<p>PCC ROKITA SA</p> <p>Energy </p> <ul style="list-style-type: none"> • Renewable Energy • Conventional Energy 	<p>PCC INTERMODAL SA</p> <p>Logistics </p> <ul style="list-style-type: none"> • Intermodal transport • Road Haulage • Rail Transport 	<p>PCC BAKKISILICON HF.</p> <p>Silicon </p> <ul style="list-style-type: none"> • Microsilica • Silicon Metal 	<p>PCC SE</p> <p>Holding & Projects </p> <ul style="list-style-type: none"> • Portfolio Management • Project Development

Surfactants with washing and cleaning properties

In household chemistry, each group of raw materials performs a precisely defined function that directly affects the effectiveness, stability and quality of finished detergents. Diverse conditions of use in the home – from laundry and dishwashing to cleaning kitchens, bathrooms and hard surfaces – require the use of ingredients with strictly defined properties. The key groups of raw materials used in

detergent formulations include wetting agents, dispersants, emulsifiers, low-foaming agents, thickeners, solubilisers and detergents. Each of these groups plays an important role in creating formulations tailored to consumer expectations and the specific requirements of various household applications.

Wetting agents

The primary and most important purpose of wetting agents is to reduce surface tension between two phases. Their presence is required due to the proper deliquescence and spreading of cleaning formulation with active substances on the cleaning surface. The rich

offer of PCC EXOL SA products allows you to choose from a wide range of both non-ionic and anionic wetting agents as components of cleaning substances.

Solubilizers

Solubilizers are agents improving the solvent power of components slightly soluble in water, or another medium. The structure of solubilizers allows for the creation of self-organizing structures,

allowing for the dissolving of hydrophobic component of the cleaning agent in the aqueous cleaning substances.

Detergents

Detergency is a process of removing dirt from a soiled surface, while a detergent is a product or a product blend making this process possible. Surface active agents' cleaning properties are linked to their' dual structure. The hydrophobic particles of the surfactants cling themselves to the particles of dirt creating a spherical composition

– a micelle. At the same time a layer separating particles of dirt from the hydrophilic medium is formed. PCC EXOL SA offers a wide range of anionic and non-ionic products with detergent properties, enabling the creation of a variety of cleaning agents.

Dispersants

The primary function of dispersants is to ensure the even distribution of solid particles in formulations, which guarantees the stability and homogeneity of household chemical products. They prevent particles from clumping and settling, allowing detergents to maintain a consistent texture and high quality

throughout their entire shelf life. In coloured preparations, they enhance colour intensity by effectively breaking down pigment agglomerates. In addition, they support the cleaning process by keeping dirt particles in suspension and preventing them from redepositing on surfaces.

Emulsifiers

The presence of an emulsifier in a cleaning substance is of utmost importance. The hydrophobic nature of the majority of smudges of dirt present on a hard flat surface, of fibres of a cloth, subject to the washing process, prevent the combination with water. This makes it difficult to remove the particles of dirt from the washing or cleaning

bath. The choice of a proper emulsifying agent will guarantee the reduction of the surface tension at the boundary of phases, thus it will allow to perfectly degrease and clean the surface. Our product portfolio includes both non-ionic and anionic emulsifiers, applicable in almost every household chemical product.

Low-foaming agents

Low-foaming agents are surfactants which, despite their limited foaming properties, remain highly effective. They are ideal for formulations where excessive foam is undesirable, such as detergents for automatic washing machines or dishwashers. The series of non-ionic

low-foaming agents developed by the PCC EXOL SA research department ensures effective performance even under difficult process conditions. These solutions are designed for products that require controlled foaming and high cleaning performance.

Thickeners

According to the prevailing market trend, formulations of a high viscosity are equated with the high quality of the final product. This effect is obtained through the addition of thickener. In the rich

offer of PCC Exol there are substances that have very good thickening properties, due to which they allow the increase of the viscosity of the final formulation.



Anionic Surfactants

Product Name	Description	CAS	Laundry detergents				Bathroom	
			Laundry capsules	Laundry powders	Laundry liquids	Bleaches	Toilet cleaning	Bathroom fixture cleaning
ABS Acid	Dodecylbenzenesulfonic Acid	85536-14-7	•	•	•	•		•
ABS/1 Acid	Dodecylbenzenesulfonic Acid	85536-14-7	•	•	•	•		•
ABSNa 25	Sodium Dodecylbenzenesulfonate	68411-30-3			•	•		•
ABSNa 30	Sodium Dodecylbenzenesulfonate	68411-30-3			•	•		•
ABSNa 50	Sodium Dodecylbenzenesulfonate	68411-30-3			•	•		•
ABSNa 60	Sodium Dodecylbenzenesulfonate	68411-30-3			•	•		•
ROSULfan A	Ammonium Lauryl Sulfate	90583-11-2	•	•	•		•	•
ROSULfan A70	Ammonium Lauryl Sulfate	90583-11-2	•	•	•		•	•
ROSULfan C/PH	Sodium Coco Sulfate	68955-19-1			•	•		•
ROSULfan D	Sodium Decyl Sulfate	142-87-0	•	•	•		•	•
ROSULfan E	Sodium 2-Ethylhexyl Sulfate	126-92-1						•
ROSULfan L	Sodium Lauryl Sulfate	85586-07-8	•	•	•	•	•	•
ROSULfan LP Granules	Sodium Lauryl Sulfate	85586-07-8	•	•	•	•	•	•
ROSULfan L/PH	Sodium Lauryl Sulfate	85586-07-8			•	•	•	•
SULFOROKAnol A325/1	Ammonium Laureth Sulfate (3 EO)	32612-48-9	•	•	•		•	•

Kitchen					Hard surface cleaning	Active substance [%]	Physical form
Dishwashing liquids	Dishwasher tablets and capsules	Dishwasher rinse aids	Dishwasher cleaning	Kitchen stain removal	Products for cleaning wooden, glass, metal, plastic and others surfaces		
				•	•	min. 96	liquid
				•	•	min. 90	liquid
•				•	•	24 – 26	liquid
•				•	•	28 – 32	liquid
•				•	•	48 – 52	liquid/paste
•				•	•	59 – 61	liquid
•					•	26 – 28	liquid
•					•	65 – 70	paste
•				•	•	29 – 31	liquid
					•	35 – 40	liquid
•				•	•	38 – 42	liquid
•				•	•	27 – 30	liquid
•				•	•	min. 91	granules
•				•	•	29 – 31	liquid
•				•	•	24 – 26	liquid

Product Name	Description	CAS	Laundry detergents				Bathroom	
			Laundry capsules	Laundry powders	Laundry liquids	Bleaches	Toilet cleaning	Bathroom fixture cleaning
SULFOROKAnol IT330	Sodium Trideceth Sulfate (3 EO)	150413-26-6	•	•	•		•	•
SULFOROKAnol IT370	Sodium Trideceth Sulfate (3 EO)	150413-26-6	•	•	•		•	•
SULFOROKAnol L170/1	Sodium Laureth Sulfate (1 EO)	68891-38-3			•		•	•
SULFOROKAnol L227/1	Sodium Laureth Sulfate (2 EO)	68891-38-3			•		•	•
SULFOROKAnol L270/1	Sodium Laureth Sulfate (2 EO)	68891-38-3	•	•	•		•	•
SULFOROKAnol L270/1A	Sodium Laureth Sulfate (2 EO)	68891-38-3	•	•	•		•	•
SULFOROKAnol L290/1M	MIPA Laureth Sulfate (and) Propylene Glycol	1187742-72-8	•	•	•			
SULFOROKAnol L327	Sodium C12-C15 Pareth Sulfate (3 EO)	125301-92-0	•	•	•		•	•
SULFOROKAnol L327/1	Sodium Laureth Sulfate (3 EO)	68891-38-3	•	•	•		•	•
SULFOROKAnol L370	Sodium C12-C15 Pareth Sulfate (3 EO)	125301-92-0	•	•	•		•	•
SULFOROKAnol L370/1	Sodium Laureth Sulfate (3 EO)	68891-38-3	•	•	•		•	•
SULFOROKAnol L385/1T	TIPA Laureth Sulfate (and) Propylene Glycol	107600-36-2	•	•	•			
SULFOROKAnol T365	Sodium Trideceth Sulfate (3 EO)	25446-78-0	•	•	•		•	•
ROKAtend LS	Sodium Lauroyl Sarcosinate	137-16-6						•
SULFOSUCCINATE DOSS70GP	Diethylhexyl Sodium Sulfosuccinate	577-11-7			•			•
SULFOSUCCINATE L3/40	Disodium Laureth Sulfosuccinate (3EO)	39354-45-5			•			•

	Kitchen					Hard surface cleaning	Active substance [%]	Physical form
	Dishwashing liquids	Dishwasher tablets and capsules	Dishwasher rinse aids	Dishwasher cleaning	Kitchen stain removal	Products for cleaning wooden, glass, metal, plastic and others surfaces		
•					•	•	29 – 31	liquid
•					•	•	62 – 65	liquid paste
•					•		68 – 72	liquid paste
•					•	•	26.5 – 28.0	liquid
•					•	•	68 – 72	liquid paste
•					•	•	68 – 72	liquid paste
•							82 – 88	viscous liquid
•					•		24 – 26	liquid
•					•		25 – 27	liquid
•					•	•	68 – 72	liquid paste
•					•		68 – 72	liquid paste
•							82 – 92	viscous liquid
•					•	•	62 – 65	liquid paste
•						•	29 – 31	liquid
•					•		68 – 72	liquid
•					•		min. 38	liquid

Product Name	Description	CAS	Laundry detergents				Bathroom	
			Laundry capsules	Laundry powders	Laundry liquids	Bleaches	Toilet cleaning	Bathroom fixture cleaning
EXOsoft L3/40	Disodium Laureth Sulfosuccinate	39354-45-5			•			•
EXOsoft PC35	Potassium Cocoate	61789-30-8	•		•		•	•
EXOsoft PO30	Potassium Oleate	143-18-0	•				•	•

[Product available in Mass Balance version](#) | [Product available in Low Dioxane version](#) | [Product available in Mass Balance and Low Dioxane version](#)



Kitchen					Hard surface cleaning	Active substance [%]	Physical form
Dishwashing liquids	Dishwasher tablets and capsules	Dishwasher rinse aids	Dishwasher cleaning	Kitchen stain removal	Products for cleaning wooden, glass, metal, plastic and others surfaces		
•				•		min. 38	liquid
•				•	•	34 – 36	liquid
•				•	•	25 – 28	liquid



Nonionic Surfactants

Product Name	Description	CAS	Laundry detergents				Bathroom	
			Laundry capsules	Laundry powders	Laundry liquids	Bleaches	Toilet cleaning	Bathroom fixture cleaning
EXOalc 1618 FLAKES	Cetearyl Alcohol	-						
ROKAnol B2	Alcohols, C16-18 + EO/PO	68002-96-0			•	•		
ROKAnol C7	Alcohols, C12-18 + 7 EO	68213-23-0	•	•	•			•
ROKAnol EH6	2-ethylhexanol, ethoxylated	26468-86-0			•			•
ROKAnol D3	Deceth-3	26183-52-8						•
ROKAnol D3W	Deceth-3	26183-52-8			•			•
ROKAnol D5	Deceth-5	68002-97-1	•	•				•
ROKAnol D7	Deceth-7	68002-97-1	•	•				•
ROKAnol D8	Deceth-8	26183-52-8	•	•				•
ROKAnol DB3	Alcohols, C12-15 + 3 EO	68131-39-5	•	•	•	•	•	•
ROKAnol DB5	Alcohols, C12-15 + 5 EO	68131-39-5	•	•	•	•	•	•
ROKAnol DB6	Alcohols, C12-15 + 6 EO	68131-39-5	•	•	•	•		•
ROKAnol DB7	Alcohols, C12-15 + 7 EO	68131-39-5	•	•	•	•	•	•
ROKAnol DB7R	Alcohols, C12-15 + 7 EO	68131-39-5	•	•	•	•	•	•
ROKAnol DB7W	Alcohols, C12-15 + 7 EO	68131-39-5	•	•	•	•	•	•

Kitchen					Hard surface cleaning	Active substance [%]	Physical form
Dishwashing liquids	Dishwasher tablets and capsules	Dishwasher rinse aids	Dishwasher cleaning	Kitchen stain removal	Products for cleaning wooden, glass, metal, plastic and others surfaces		
	•		•		•	min. 99.7	flakes
•	•		•	•	•	min. 99.5	liquid
•						min. 99.7	liquid
				•	•	min. 99.5	liquid
					•	min. 99.5	liquid
				•		90 – 91	liquid
	•		•	•		min. 99.5	liquid
	•		•	•		min. 99.5	liquid
	•		•	•		min. 99.5	liquid
					•	min. 99.7	liquid/paste
					•	min. 99.5	liquid
				•	•	min. 99.5	liquid
•		•		•	•	min. 99.5	liquid/paste
•		•		•	•	min. 99.5	liquid
•		•		•	•	90 – 93	oily liquid

Product Name	Description	CAS	Laundry detergents				Bathroom	
			Laundry capsules	Laundry powders	Laundry liquids	Bleaches	Toilet cleaning	Bathroom fixture cleaning
ROKAnol DB9	Alcohols, C12-15 + 9 EO	68131-39-5	•	•	•	•	•	•
ROKAnol DB11W	Alcohols, C12-15 + 11 EO	68131-39-5	•	•	•	•	•	•
ROKAnol GA3	Alcohols, C10 + 3 EO	160875-66-1	•	•	•		•	
ROKAnol GA4	Alcohols, C10 + 4 EO	160875-66-1	•	•	•		•	
ROKAnol GA4LA	Alcohols, C10 + EO/PO	166736-08-9	•	•	•		•	
ROKAnol GA5	Alcohols, C10 + 5 EO	160875-66-1	•	•	•		•	
ROKAnol GA5W	Alcohols, C10 + 5 EO	160875-66-1	•	•	•		•	
ROKAnol GA6	Alcohols, C10 + 6 EO	160875-66-1	•	•	•		•	
ROKAnol GA7	Alcohols, C10 + 7 EO	160875-66-1	•	•	•		•	•
ROKAnol GA7LAW	Alcohols, C10 + 7 EO	166736-08-9		•	•		•	
ROKAnol GA7W	Alcohols, C10 + 7 EO	160875-66-1		•	•		•	•
ROKAnol GA8	Alcohols, C10 + 8 EO	160875-66-1	•	•	•	•	•	•
ROKAnol GA8LA	Alcohols, C10 + EO/PO	166736-08-9	•	•	•		•	
ROKAnol GA8W	Alcohols, C10 + 8 EO	160875-66-1		•	•		•	
ROKAnol GA9	Alcohols, C10 + 9 EO	160875-66-1	•	•	•	•	•	•
ROKAnol GA9LA	Alcohols, C10 + EO/PO	166736-08-9	•	•	•		•	

	Kitchen					Hard surface cleaning	Active substance [%]	Physical form
	Dishwashing liquids	Dishwasher tablets and capsules	Dishwasher rinse aids	Dishwasher cleaning	Kitchen stain removal	Products for cleaning wooden, glass, metal, plastic and others surfaces		
	•				•	•	min. 99.5	paste
	•				•	•	88 – 92	oily liquid/paste
	•			•	•	•	min. 99.5	liquid
	•			•	•	•	min. 99.5	liquid
	•	•	•	•	•	•	min. 99.5	liquid
	•			•	•	•	min. 99.5	liquid
	•			•	•	•	84 – 86	liquid
	•			•	•	•	min. 99.5	liquid with a tendency to separation in time
	•			•	•	•	min. 99.5	liquid
	•			•	•	•	84 – 86	liquid
	•			•	•	•	84 – 86	liquid
	•			•	•	•	min. 99.5	liquid/paste
	•	•	•	•	•	•	min. 99.5	liquid
	•			•	•	•	84 – 86	liquid
	•			•	•	•	min. 99.5	liquid/paste
	•			•	•	•	min. 99.5	liquid

Product Name	Description	CAS	Laundry detergents				Bathroom	
			Laundry capsules	Laundry powders	Laundry liquids	Bleaches	Toilet cleaning	Bathroom fixture cleaning
ROKAnol GA9W	Alcohols, C10 + 9 EO	160875-66-1			•	•	•	•
ROKAnol GA9W/80	Alcohols, C10 + 9 EO	160875-66-1			•	•	•	•
ROKAnol GT3	Alcohols, C9 – 16 + 3 EO	97043-91-9						
ROKAnol GT3R	Alcohols, C9 – 16 + 3 EO	97043-91-10						
ROKAnol GT5	Alcohols, C9 – 16 + 5 EO	97043-91-11						
ROKAnol GT6	Alcohols, C9 – 16 + 6 EO	97043-91-12						
ROKAnol GT6R	Alcohols, C9 – 16 + 6 EO	97043-91-13	•		•			
ROKAnol GT7	Alcohols, C9 – 16 + 7 EO	97043-91-14	•		•			•
ROKAnol GT8	Alcohols, C9 – 16 + 8 EO	97043-91-15	•		•			•
ROKAnol GT9	Alcohols, C9-16 + 9 EO	97043-91-9	•		•			•
ROKAnol GT9W	Alcohols, C9-16 + 9 EO	97043-91-9	•		•			•
ROKAnol GT10	Alcohols, C9-16 + 10 EO	97043-91-9	•	•	•			•
ROKAnol GT10W	Alcohols, C9-16 + 10 EO	97043-91-9	•		•			•
ROKAnol H5	Hexanol + 5 EO	31726-34-8						•
ROKAnol ID3	Isodecanol + 3 EO	78330-20-8	•		•	•		•
ROKAnol ID5	Isodecanol + 5 EO	78330-20-8	•		•	•		•

Kitchen					Hard surface cleaning	Active substance [%]	Physical form
Dishwashing liquids	Dishwasher tablets and capsules	Dishwasher rinse aids	Dishwasher cleaning	Kitchen stain removal	Products for cleaning wooden, glass, metal, plastic and others surfaces		
				•	•	84 – 86	liquid
				•	•	72 – 82	liquid
			•	•	•	min. 99	liquid
			•	•	•	min. 99	liquid
			•	•	•	min. 99.5	liquid
			•	•	•	min. 99.5	liquid
			•	•	•	min. 99.5	liquid
			•	•	•	min. 99	liquid
			•	•	•	min. 99.5	liquid
			•	•	•	min. 99.5	liquid
			•	•	•	84 – 86	liquid
			•	•	•	min. 99.5	liquid/paste
			•	•	•	84 – 86	liquid
				•	•	min. 99	clear or turbid liquid with a tendency to separation in time
						min. 99.5	liquid
•					•	min. 99.5	liquid

Product Name	Description	CAS	Laundry detergents				Bathroom	
			Laundry capsules	Laundry powders	Laundry liquids	Bleaches	Toilet cleaning	Bathroom fixture cleaning
ROKAnol ID5W	Isodecanol + 5 EO	78330-20-8			•	•		•
ROKAnol ID6	Isodecanol + 6 EO	78330-20-8	•		•	•		•
ROKAnol ID6W	Isodecanol + 6 EO	78330-20-8			•	•		•
ROKAnol ID7	Isodecanol + 7 EO	78330-20-8	•		•	•		•
ROKAnol ID7W	Isodecanol + 7 EO	78330-20-8			•	•		•
ROKAnol ID8	Isodecanol + 8 EO	78330-20-8	•		•	•		•
ROKAnol IT3	Alcohols, C13, branched + 3 EO	69011-36-5			•	•	•	
ROKAnol IT4	Alcohols, C13, branched + 4 EO	69011-36-5						•
ROKAnol IT5	Alcohols, C13, branched + 5 EO	69011-36-5			•	•		•
ROKAnol IT5W	Alcohols, C13, branched + 5 EO	69011-36-5						•
ROKAnol IT6	Alcohols, C13, branched + 6 EO	69011-36-5			•	•		•
ROKAnol IT6R	Alcohols, C13, branched + 6 EO	69011-36-5			•	•		•
ROKAnol IT7	Alcohols, C13, branched + 7 EO	69011-36-5	•		•	•		•
ROKAnol IT7W	Alcohol, C13, branched + 7 EO	69011-36-5	•		•	•		•
ROKAnol IT8	Alcohol, C13, branched + 8 EO	69011-36-5			•	•		•
ROKAnol IT8W	Alcohol, C13, branched + 8 EO	69011-36-5			•	•		•

	Kitchen					Hard surface cleaning	Active substance [%]	Physical form
	Dishwashing liquids	Dishwasher tablets and capsules	Dishwasher rinse aids	Dishwasher cleaning	Kitchen stain removal	Products for cleaning wooden, glass, metal, plastic and others surfaces		
	•						89 – 91	liquid
	•					•	min. 99	liquid
	•						89 – 91	liquid
	•				•	•	min. 99.5	liquid
	•				•		84 – 86	liquid
	•				•	•	min. 99.5	liquid
		•	•	•	•		min. 99	liquid
					•	•	min. 99.5	liquid
		•	•	•	•	•	min. 99.5	liquid
						•	89 – 91	liquid
		•	•	•	•	•	min. 99.5	liquid
		•	•	•	•		min. 99.5	liquid
		•	•	•	•		min. 99	liquid
		•	•	•	•		89 – 91	liquid
		•	•	•	•	•	min. 99.5	liquid/paste
		•	•	•	•		89 – 91	liquid

Product Name	Description	CAS	Laundry detergents				Bathroom	
			Laundry capsules	Laundry powders	Laundry liquids	Bleaches	Toilet cleaning	Bathroom fixture cleaning
ROKAnol IT9	Alcohol, C13, branched + 9 EO	69011-36-5			•	•	•	•
ROKAnol IT9R	Alcohols, C13, branched+ 9 EO	69011-36-5			•	•		•
ROKAnol IT9W	Alcohols, C13, branched + 9 EO	69011-36-5			•	•		•
ROKAnol IT10	Alcohols, C13, branched + 10 EO	69011-36-5	•		•	•		•
ROKAnol IT10W	Alcohols, C13, branched + 10 EO	69011-36-5	•		•	•		•
ROKAnol IT12	Alcohols, C13, branched + 12 EO	69011-36-5			•	•		•
ROKAnol IT12W	Alcohols, C13, branched + 12 EO	69011-36-5			•	•		•
ROKAnol IT13	Alcohols, C13, branched + 13 EO	69011-36-5			•	•		•
ROKAnol IT15	Alcohols, C13, branched + 15 EO	69011-36-5			•	•		•
ROKAnol IT20	Alcohols, C13, branched + 20 EO	69011-36-5			•	•		•
ROKAnol K3	Alcohols, C16-18 and C18-unsatd. + 3 EO	68920-66-1			•			
ROKAnol K5	Alcohols, C16-18 and C18-unsatd. + 5 EO	68920-66-1			•			
ROKAnol K7	Alcohols, C16-18 and C18-unsatd. + 7 EO	68920-66-1			•			
ROKAnol K14	Alcohols, C16-18 and C18-unsatd. + 14 EO	68920-66-1			•			
ROKAnol K18	Alcohols, C16-18 and C18-unsatd. + 18 EO	68920-66-1			•			
ROKAnol K21	Alcohols, C16-18 and C18-unsatd. + 21 EO	68920-66-1			•			

Kitchen						Hard surface cleaning	Active substance [%]	Physical form
Dishwashing liquids	Dishwasher tablets and capsules	Dishwasher rinse aids	Dishwasher cleaning	Kitchen stain removal	Products for cleaning wooden, glass, metal, plastic and others surfaces			
•	•	•	•	•	•	84 – 86	oily liquid/paste	
•	•	•	•	•		72 – 82	oily liquid/paste	
•	•	•	•	•		min. 99	liquid	
	•	•	•	•		min. 99.5	liquid/paste	
	•	•	•	•		min. 99.5	liquid	
	•	•	•	•		min. 99.5	liquid/paste	
	•	•	•	•		89 – 91	liquid	
	•	•	•	•		min. 99.5	liquid	
	•	•		•		min. 99.5	solid	
	•	•		•		84 – 86	solid	
•						min. 99.5	viscous liquid/ semi-liquid paste	
•						min. 99	liquid/paste	
•						min. 99	viscous liquid/ semi-liquid paste	
•						min. 99.5	paste/wax	
•						min. 99.5	paste/wax	
•					•	min. 99.5	paste/wax	

Product Name	Description	CAS	Laundry detergents				Bathroom	
			Laundry capsules	Laundry powders	Laundry liquids	Bleaches	Toilet cleaning	Bathroom fixture cleaning
ROKAnol L2	Alcohols, C12-14 + 2 EO	68439-50-9	•		•	•	•	•
ROKAnol LK2A	Alcohols, C12-16 + 2 EO	68439-50-9						
ROKAnol LK3	Alcohols, C12-14 + 3 EO	68439-50-9						
ROKAnol L3A	Alcohols, C12-16 + 3 EO	68551-12-2	•		•	•	•	•
ROKAnol L4	Alcohols, C12-14 + 4 EO	68439-50-9			•	•		
ROKAnol L5A	Alcohols, C12-16 + 5 EO	68551-12-2	•		•	•	•	
ROKAnol L6	Alcohols, C12-14 + 6 EO	68439-50-9	•		•	•	•	
ROKAnol L7	Alcohols, C12-14 + 7 EO	68439-50-9	•		•	•	•	
ROKAnol L7A	Alcohols, C12-16 + 7 EO	68551-12-2	•		•	•		
ROKAnol L7W	Alcohols, C12-14 + 7 EO	68439-50-9	•		•	•		
ROKAnol L9	Alcohols, C12-14 + 9 EO	68439-50-9						•
ROKAnol L9R	Alcohols, C12-14 + 9 EO	68439-50-9						•
ROKAnol L10	Alcohols, C12-14 + 10 EO	68439-50-9	•		•	•	•	
ROKAnol L10/80	Alcohols, C12-14 + 10 EO	68439-50-9	•		•	•	•	
ROKAnol L10A	Alcohols, C12-16 + 10 EO	68551-12-2	•		•	•	•	
ROKAnol L12	Alcohols, C12-14 + 10 EO	68439-50-9	•		•	•		

Kitchen						Hard surface cleaning	Active substance [%]	Physical form
Dishwashing liquids	Dishwasher tablets and capsules	Dishwasher rinse aids	Dishwasher cleaning	Kitchen stain removal	Products for cleaning wooden, glass, metal, plastic and others surfaces			
		•	•			min. 99.7	liquid	
		•	•			min. 99.8	liquid	
		•	•			min. 99.7	liquid/paste	
•				•	•	min. 99.7	liquid	
•		•	•	•	•	min. 99.5	liquid	
				•		min. 99.5	liquid	
•		•		•	•	min. 99.5	liquid	
•		•		•	•	min. 99	liquid	
•		•	•	•		min. 99.5	liquid	
•		•	•	•		89 – 92	liquid	
		•	•	•	•	min. 99.5	liquid/paste	
		•	•	•		min. 99	liquid/paste	
•		•	•	•	•	min. 99.5	paste	
•		•	•	•		77 – 81	liquid	
•	•		•	•		min. 99.5	paste	
		•	•			min. 99.5	wax	

Product Name	Description	CAS	Laundry detergents				Bathroom	
			Laundry capsules	Laundry powders	Laundry liquids	Bleaches	Toilet cleaning	Bathroom fixture cleaning
ROKAnol L23	Alcohols, C12-14 + 23 EO	68439-50-9	•		•			
ROKAnol LN75/50	Lanolin + 75 EO	61790-81-6						
ROKAnol L4P5	Alcohols, C12-14 + EO/PO	68439-51-0	•		•	•		
ROKAnol L5P5	Alcohols, C12-14 + EO/PO	68439-51-0	•		•	•		
ROKAnol LP27	Alcohols, C12-14 + EO/PO	68439-51-0						
ROKAnol LP31	Alcohols, C12-14 + EO/PO	68439-51-0						
ROKAnol LP60	Alcohols, C9-11+PO	68920-69-4						
ROKAnol LP64	Alcohols, C16-18 + EO/PO	68002-96-0						
ROKAnol LP100	Alcohols, C12-15 + EO/PO	120313-48-6						
ROKAnol LP200	Isodecyl Alcohol + EO/PO	68439-30-5						
ROKAnol LP220	Alcohol C10 + EO/PO	166736-08-9	•		•	•		•
ROKAnol LP400	Isodecyl Alcohol + EO/PO	103818-93-5					•	
ROKAnol LP600	Alcohols, C12-18 + EO/PO	130454-91-0						•
ROKAnol LP610	Alcohols, C6-10 + EO/PO	68987-81-5						•
ROKAnol LP700	Isotridecyl Alcohol + EO/PO	196823-11-7						
ROKAnol LP911	Alcohols, C9-11+ EO/PO	102782-43-4	•		•			

Kitchen						Hard surface cleaning	Active substance [%]	Physical form
Dishwashing liquids	Dishwasher tablets and capsules	Dishwasher rinse aids	Dishwasher cleaning	Kitchen stain removal	Products for cleaning wooden, glass, metal, plastic and others surfaces			
		•	•			min. 99.5	wax	
•						48 – 52	liquid	
•	•	•	•			min. 99.5	liquid	
•	•	•	•	•	•	min. 99.5	liquid	
•	•	•	•			min. 99.5	liquid	
•	•	•	•	•	•	min. 99.5	liquid	
•		•			•	min. 99	liquid	
		•				min. 99.5	liquid	
		•	•			min. 95	liquid	
	•	•				min. 99.5	liquid	
	•	•		•		min. 97	liquid	
	•	•	•			min. 99.5	liquid	
	•	•	•			min. 99.7	liquid	
		•				min. 99.5	liquid	
	•	•						
	•				•	min. 98.5	liquid	

Product Name	Description	CAS	Laundry detergents				Bathroom	
			Laundry capsules	Laundry powders	Laundry liquids	Bleaches	Toilet cleaning	Bathroom fixture cleaning
ROKAnol LP1012	Alcohols, C12-14 + EO/PO	68439-51-0			•			•
ROKAnol LP2126	Alcohols, C16-18 + EO/PO	68002-96-0						
ROKAnol LP2227	2-Propylheptanol + EO/PO	166736-08-9	•		•	•		•
ROKAnol LP2424	Alcohols, C12-14 + EO/PO	68439-51-0			•			•
ROKAnol LP2500	Alcohols, C12-15 + EO/PO	120313-48-6						
ROKAnol LP2529	Alcohols, C12-15 + EO/PO	68551-13-3						
ROKAnol LP2855	Alcohols, C12-18 + EO/PO	69227-21-0						
ROKAnol LP3034	Alcohols, C12-15 + EO/PO	120313-48-6						
ROKAnol LP3135	Alcohols, C9-11 + EO/PO	154518-36-2						
ROKAnol LP3841	Alcohols, C8-18 + EO/PO	69013-18-9			•			•
ROKAnol LP3943	Alcohols, C12-15 EO/PO	120313-48-6						
ROKAnol RZ4P11	Alcohols, C16-18 + EO/PO	68002-96-0						
ROKAnol MT7	Alcohols, C8-18 + 7 EO	157707-43-2	•		•	•	•	
ROKAnol MT7E	Alcohols, C8-18 + 7 EO	157707-43-2	•		•	•	•	
ROKAnol MT7EW	Alcohols, C8-18 + 7 EO	157707-43-2	•		•	•	•	
ROKAnol M7	Alcohols, C10-18 + 7 EO	85422-93-1	•		•	•	•	

Kitchen						Hard surface cleaning	Active substance [%]	Physical form
Dishwashing liquids	Dishwasher tablets and capsules	Dishwasher rinse aids	Dishwasher cleaning	Kitchen stain removal	Products for cleaning wooden, glass, metal, plastic and others surfaces			
•	•	•	•			min. 99.5	liquid	
			•			min. 99.5	liquid	
	•	•		•		min. 99.5	liquid	
•	•	•	•			min. 99.5	liquid	
		•	•			min. 99.5	liquid	
		•				min. 99.5	liquid	
	•	•	•			min. 99.5	liquid	
		•	•			min. 99	liquid	
	•	•		•		94 – 96	liquid	
		•				min. 99	liquid	
	•	•	•			min. 99.5	liquid	
•					•	min. 99	liquid	
•		•		•	•	min. 99.5	liquid	
•		•		•	•	min. 99	liquid	
•		•		•	•	84 – 86	liquid	
•		•		•	•	min. 99	liquid	

Product Name	Description	CAS	Laundry detergents				Bathroom	
			Laundry capsules	Laundry powders	Laundry liquids	Bleaches	Toilet cleaning	Bathroom fixture cleaning
ROKAnol M7W	Alcohols, C10-18 + 7 EO	85422-93-1			•	•	•	
ROKAnol NB8W	Alcohols, C9-16 + 8 EO	97043-91-9						•
ROKAnol NL3	Alcohols, C9-11 + 3 EO	68439-46-3						
ROKAnol NL4	Alcohols, C9-11+ 4 EO	68439-46-3	•		•	•		•
ROKAnol NL5	Alcohols, C9-11 + 5 EO	68439-46-3						
ROKAnol NL6	Alcohols, C9-11 + 6 EO	68439-46-3						
ROKAnol NL6W	Alcohols, C9-11 + 6 EO	68439-46-3	•		•	•		•
ROKAnol NL6W/95	Alcohols, C9-11 + 6 EO	68439-46-3	•		•	•		•
ROKAnol NL8	Alcohols, C9-11 + 8 EO	68439-46-3	•		•	•		•
ROKAnol NL8P4	Alcohols, C9-11 + EO/PO	103818-93-5	•		•	•		•
ROKAnol NL8W	Alcohols, C9-11 + 8 EO	68439-46-3	•		•	•	•	•
ROKAnol NL9	Alcohols, C9-11 + 9 EO	68439-46-3						
ROKAnol NL12W/80	Alcohols, C9-11 + 12 EO	68439-46-3	•		•	•		•
ROKAnol O3	Oleyl Alcohol + 3 EO	9004-98-2						•
ROKAnol O18	Oleyl Alcohol + 18 EO	9004-98-2						•
ROKAnol O20	Oleyl Alcohol + 20 EO	9004-98-2						•

	Kitchen					Hard surface cleaning	Active substance [%]	Physical form
	Dishwashing liquids	Dishwasher tablets and capsules	Dishwasher rinse aids	Dishwasher cleaning	Kitchen stain removal	Products for cleaning wooden, glass, metal, plastic and others surfaces		
	•		•		•	•	84 – 86	liquid
					•	•	84 – 86	liquid
			•	•	•		84 – 86	liquid
	•		•	•	•		min. 99.8	liquid
			•	•	•	•	min. 99.5	liquid
	•		•	•	•	•	min. 99.5	liquid
	•		•	•	•	•	88 – 92	liquid
	•		•	•	•	•	min. 94	liquid
	•		•	•	•	•	min. 99.5	liquid
		•	•	•		•	min. 99	liquid
	•		•	•	•		88 – 92	liquid
	•		•	•	•	•	min. 99.5	liquid
			•	•	•		79 – 81	liquid
					•	•	min. 99	liquid
					•	•	min. 99.5	paste
					•	•	min. 99.5	paste

Product Name	Description	CAS	Laundry detergents				Bathroom	
			Laundry capsules	Laundry powders	Laundry liquids	Bleaches	Toilet cleaning	Bathroom fixture cleaning
ROKAnol O100	Oleyl Alcohol + 100 EO	9004-98-2						•
ROKAnol T6	Alcohols, C16-18 + 6 EO	68439-49-6						
ROKAnol T10	Alcohols, C16-18 + 10 EO	68439-49-6						
ROKAnol T12	Alcohols, C16-18 + 12 EO	68439-49-6						
ROKAnol T18	Alcohols, C16-18 + 18 EO	68439-49-6						
ROKAnol T20	Alcohols, C16-18 + 20 EO	68439-49-6						
ROKAnol T25	Alcohols, C16-18 + 25 EO	68439-49-6						
ROKAnol TMP3	Alcohols, C13-15 + 3 EO	157627-86-6						•
ROKAnol TMP5	Alcohols, C13-15 + 5 EO	157627-86-6						•
ROKAnol TMP7	Alcohols, C13-15 + 7 EO	157627-86-6	•		•			•
ROKAnol TMP8	Alcohols, C13-15 + 8 EO	157627-86-6						•
ROKAnol TMP11	Alcohols, C13-15 + 11 EO	157627-86-6						•
ROKAnol UD3	Undeceth-3	127036-24-2						•
ROKAnol UD5	Undeceth-5	127036-24-2						•
ROKAnol UD7	Undeceth-7	127036-24-2						•
ROKAnol UD10	Isoundecanol + 10 EO	127036-24-2						•

		Kitchen				Hard surface cleaning	Active substance [%]	Physical form
Dishwashing liquids	Dishwasher tablets and capsules	Dishwasher rinse aids	Dishwasher cleaning	Kitchen stain removal	Products for cleaning wooden, glass, metal, plastic and others surfaces			
				•	•	min. 99	wax	
	•		•			min. 99.5	wax	
	•		•			min. 99.5	wax	
	•		•			min. 99.5	wax	
	•		•			min. 99	wax	
	•		•			min. 99	wax/flakes/pills	
	•		•			min. 99	wax/flakes/pills/powder	
•				•	•	min. 99	liquid	
•				•	•	min. 99	liquid	
•				•	•	min. 99.5	liquid/paste	
				•	•	min. 99	liquid/paste	
				•	•	min. 99.5	paste/wax	
				•	•	min. 99.5	liquid	
	•			•	•	min. 99.5	liquid	
				•	•	min. 99	liquid	
				•	•	min. 99.5	liquid	

Product Name	Description	CAS	Laundry detergents				Bathroom	
			Laundry capsules	Laundry powders	Laundry liquids	Bleaches	Toilet cleaning	Bathroom fixture cleaning
ROKAnol SAE12	Alcohols, C12-C14 secondary, ethoxylated	84133-50-6						
ROKAmin K15	Cocamine + 15 EO	61791-14-8					•	
ROKAmin K15K	Cocamine + 15 EO	68989-03-7			•			
ROKAmin SR5	Tallow Amine + 5 EO	61791-26-2					•	•
ROKAmin SR8	Tallow Amine + 8 EO	61791-26-2				•	•	•
ROKAmin SR8 concentrate	Tallow Amine + 8 EO	61791-26-2				•	•	•
ROKAmin SR11	Tallow Amine + 11 EO	61791-26-2				•	•	•
ROKAmin SR22	Tallow Amine + 22 EO	61791-26-2				•	•	•
ROKAcet HR40	Castor Oil, Hydrogenated + 40 EO	61788-85-0			•			•
ROKAcet HR40W	Castor Oil, Hydrogenated + 40 EO	61788-85-0			•			•
ROKAcet K7	Cocoate + 7 EO	61791-29-5	•		•		•	•
ROKAcet KO400G	PEG-6 Glyceryl Cocoate	68201-46-7	•		•		•	•
ROKAcet O7	Oleic Acid + 7 EO	9004-96-0	•		•		•	•
ROKAcet R11	Castor Oil + 11 EO	61791-12-6	•		•		•	•
ROKAcet R26	Castor Oil + 26 EO	61791-12-6	•		•		•	•
ROKAcet R40	Castor Oil + 40 EO	61791-12-6	•		•		•	•

Kitchen					Hard surface cleaning	Active substance [%]	Physical form
Dishwashing liquids	Dishwasher tablets and capsules	Dishwasher rinse aids	Dishwasher cleaning	Kitchen stain removal	Products for cleaning wooden, glass, metal, plastic and others surfaces		
					•	min. 99.5	liquid
				•		min. 99.8	liquid
					•	min. 99.5	liquid
				•		min. 99	liquid/paste
				•		72 – 77	liquid/paste
				•		approx. 100	liquid
				•		approx. 100	liquid/paste
				•		approx. 100	paste
				•		min. 97	paste
				•		89.5 – 90.5	liquid
•				•		min. 99	liquid
•				•		approx. 100	liquid
•				•		min. 99	liquid
•				•		approx. 100	liquid
•				•		min. 99.5	liquid
•				•		min. 99	paste

Product Name	Description	CAS	Laundry detergents				Bathroom	
			Laundry capsules	Laundry powders	Laundry liquids	Bleaches	Toilet cleaning	Bathroom fixture cleaning
ROKAcet R40W	Castor Oil + 40 EO	61791-12-6			•		•	•
ROKAcet R70	Castor Oil + 40 EO	61791-12-6	•		•		•	•
ROKAcet R250	Castor Oil + 250 EO	61791-12-6	•		•		•	•
ROKAcet RZ17	Fatty Acid Glycerol Ester, C14-18 + 17 EO	70914-02-2			•		•	•
ROKAcet S7	PEG-7 Stearate	9004-99-3			•		•	•
ROKAcet S24	PEG-24 Stearate	9004-99-3			•		•	•
ROKwin 80	Sorbitan Oleate	1338-43-8				•		•
ROKwinol 20	Polysorbate 20	9005-64-5				•		•
ROKwinol 60	Polysorbate 60	9005-67-8				•		•
ROKwinol 80	Polysorbate 80	9005-65-6				•		•
ROKAmid KAD	Cocamide DEA	68155-07-7			•			
ROKAmid KAD/1A	Cocamide DEA	68155-07-7			•			•
ROKAmid KAD/2A	Cocamide DEA	68155-07-7			•			•
ROKAmid MRZ4	Amides, Rape Oil + 4 EO	85536-23-8			•			
ROKAmid MRZ11	Amides, Rape Oil + 11 EO	85536-23-8			•			
ROKAmid MRZ17	Amides, Rape Oil + 17 EO	221045-17-6			•			

Kitchen					Hard surface cleaning	Active substance [%]	Physical form
Dishwashing liquids	Dishwasher tablets and capsules	Dishwasher rinse aids	Dishwasher cleaning	Kitchen stain removal	Products for cleaning wooden, glass, metal, plastic and others surfaces		
•				•		89 – 91	liquid
•				•		min. 99	paste
•				•		min. 99	solid
•				•		min. 99	oily liquid
•				•		min. 99	paste
•				•		min. 99	wax
				•		min. 98.5	oily liquid
•				•	•	min. 97	liquid
				•		min. 97	liquid
				•		min. 97	liquid
•					•	min. 99.5	liquid
•						min. 99.5	liquid
•						min. 99.5	liquid
•						91.5 – 93.5	liquid
•						64 – 68	liquid
•						min. 99	liquid

Product Name	Description	CAS	Laundry detergents				Bathroom	
			Laundry capsules	Laundry powders	Laundry liquids	Bleaches	Toilet cleaning	Bathroom fixture cleaning
ROKAmid RAD	Oleamide DEA	68603-38-3			•			•
ROKAmer 1000	PPG/PEG Copolymer	9003-11-6						
ROKAmer 1010	PPG/PEG Copolymer	9003-11-6	•		•			•
ROKAmer 1010/50	PPG/PEG Copolymer	9003-11-6	•		•			•
ROKAmer 1900	PPG/PEG Copolymer	9003-11-6						•
ROKAmer 2000	PPG/PEG Copolymer	9003-11-6				•		•
ROKAmer 2100	PPG/PEG Copolymer	9003-11-6						•
ROKAmer 2330	PPG/PEG Copolymer	9003-11-6						•
ROKAmer 2400	PPG/PEG Copolymer	9003-11-6			•			•
ROKAmer 2600	PPG/PEG Copolymer	9003-11-6				•		
ROKAmer 2950	PPG/PEG Copolymer	9003-11-6				•		
ROKAmer 3100	PPG/PEG Copolymer	9003-11-6			•			•
ROKAmer 3800	PPG/PEG Copolymer	9003-11-6						
ROKAmer R2150	PPG/PEG Copolymer	9003-11-6						
ROKAmer R2650	PPG/PEG Copolymer	9003-11-6						
ROKAmer R2800	PPG/PEG Copolymer	9003-11-6						

	Kitchen					Hard surface cleaning	Active substance [%]	Physical form
	Dishwashing liquids	Dishwasher tablets and capsules	Dishwasher rinse aids	Dishwasher cleaning	Kitchen stain removal	Products for cleaning wooden, glass, metal, plastic and others surfaces		
	•				•		min. 99.5	liquid
			•				min. 99	liquid
		•	•	•	•		min. 99	wax
		•	•	•	•		51 – 49	liquid
		•	•	•	•		min. 99.5	liquid
		•	•	•	•		min. 99	liquid
		•	•	•	•		min. 99	liquid
		•	•	•	•		min. 99	liquid
			•				min. 99.5	liquid
		•	•	•			min. 99	liquid
		•	•	•			min. 99	liquid
			•				min. 99.7	turbid liquid
			•				min. 99.5	liquid
			•				min. 99.6	liquid
			•				min. 99.5	liquid
			•				min. 99.5	liquid

Product Name	Description	CAS	Laundry detergents				Bathroom	
			Laundry capsules	Laundry powders	Laundry liquids	Bleaches	Toilet cleaning	Bathroom fixture cleaning
POLIKol 200	Polyoxyethylene Glycol	25322-68-3					•	•
POLIKol 300	Polyoxyethylene Glycol	25322-68-3					•	•
POLIKol 400	Polyoxyethylene Glycol	25322-68-3					•	•
POLIKol 600	Polyoxyethylene Glycol	25322-68-3					•	•
POLIKol 800	Polyoxyethylene Glycol	25322-68-3					•	
POLIKol 1000	Polyoxyethylene Glycol	25322-68-3					•	
POLIKol 1500	Polyoxyethylene Glycol	25322-68-3					•	•
POLIKol 2000	Polyoxyethylene Glycol	25322-68-3					•	•
POLIKol 3000	Polyoxyethylene Glycol	25322-68-3					•	•
POLIKol 4000	Polyoxyethylene Glycol	25322-68-3					•	•
POLIKol 4500	Polyoxyethylene Glycol	25322-68-3					•	•
POLIKol 6000	Polyoxyethylene Glycol	25322-68-3					•	•
POLIKol 8000	Polyoxyethylene Glycol	25322-68-3					•	•
POLIKol 6000	Polyoxyethylene Glycol	25322-68-3					•	•
POLIKol 8000	Polyoxyethylene Glycol	25322-68-3					•	•

Kitchen					Hard surface cleaning	Active substance [%]	Physical form
Dishwashing liquids	Dishwasher tablets and capsules	Dishwasher rinse aids	Dishwasher cleaning	Kitchen stain removal	Products for cleaning wooden, glass, metal, plastic and others surfaces		
				•		min. 99.5	liquid
				•	•	min. 99.5	liquid
	•			•		min. 99.5	liquid
		•		•		min. 99.5	liquid/paste
						min. 99.5	paste/solid
						min. 99	wax
				•		min. 99	wax/flakes/pills/powder
				•		min. 99.5	wax/flakes
				•		min. 99	wax/flakes
	•			•		min. 99	wax/flakes/pills/powder
				•		min. 99	wax/flakes/ powder
			•	•		min. 99	wax/flakes/pills/powder
				•		min. 99	wax/flakesr
			•	•		min. 99	wax/flakes/pills/powder
				•		min. 99	wax/flakesr

Amphoteric Surfactants

Product Name	Description	CAS	Laundry detergents				Bathroom	
			Laundry capsules	Laundry powders	Laundry liquids	Bleaches	Toilet cleaning	Bathroom fixture cleaning
ROKAmina K30	Cocamidopropyl Betaine	97862-59-4			•	•	•	
ROKAmina K30B	Coco Betaine	66455-29-6	•	•	•	•	•	•
ROKAmina K40	Cocamidopropyl Betaine	97862-59-4			•	•	•	•
ROKAmina K40HC	Cocamidopropyl Betaine	97862-59-4			•	•	•	•
ROKAmina K45HC	Cocamidopropyl Betaine	97862-59-4			•	•	•	•
ROKmina L30B	Lauryl Betaine	66455-29-6						

[Product available in Mass Balance version](#) |
 [Product available in Low Dioxane version](#) |
 [Product available in Mass Balance and Low Dioxane version](#)



Kitchen					Hard surface cleaning	Active substance [%]	Physical form
Dishwashing liquids	Dishwasher tablets and capsules	Dishwasher rinse aids	Dishwasher cleaning	Kitchen stain removal	Products for cleaning wooden, glass, metal, plastic and others surfaces		
•				•	•	29 – 32	liquid
				•		29 – 33	liquid
•				•	•	37 – 42	liquid
•				•	•	37 – 42	liquid
				•		44 – 46	liquid
•				•	•	29 – 31	liquid



Other Surfactants

Product Name	Description	CAS	Laundry detergents				Bathroom	
			Laundry capsules	Laundry powders	Laundry liquids	Bleaches	Toilet cleaning	Bathroom fixture cleaning
EXOlat MC60	Acrylic Acid Maleic Acid Copolymer Sodium Salt	-			•			•
EXOlat C40	Polyacrylate	-			•			•
EXOlat ZA	Sodium Salt of Acrylic-Maleic Copolymer	-			•			•
EXOcare TE20	Ceteareth-20, Cetearyl Alcohol	-						•
EXOcare TE25	Ceteareth-25, Cetearyl Alcohol	-						•
EXOtrope SCS 40	Cumenesulfonic Acid Sodium Salt	-						
Tequat LC90	Tallow esterquat	-	•		•			

[Product available in Mass Balance version](#) |
 [Product available in Low Dioxane version](#) |
 [Product available in Mass Balance and Low Dioxane version](#)



Kitchen					Hard surface cleaning	Active substance [%]	Physical form
Dishwashing liquids	Dishwasher tablets and capsules	Dishwasher rinse aids	Dishwasher cleaning	Kitchen stain removal	Products for cleaning wooden, glass, metal, plastic and others surfaces		
			•	○	•	58 – 61	liquid
•	•					56 – 58	liquid
•	•			•	•	59 – 61	liquid
					•	min. 99	wax/flakes/pills
					•	min. 99	flakes
•	•	•		•	•	58 – 61	liquid
						85 – 95	paste



Laundry Detergents

Laundry detergents used in household applications are designed to effectively remove stains and dirt from fabrics, even at low washing temperatures and without the need for prior soaking. The choice of detergent and its proper dosage depend on the load size, water hardness, as well as the type and colour of the fabrics being washed. The amount of detergent plays a key role in

achieving optimal washing results – both insufficient and excessive dosage can negatively affect cleaning performance.

The ingredients offered by PCC Exol are suitable for the formulation of liquid and capsule detergents. The portfolio also includes raw materials for the production of washing powders, bleaches and stain removers.

We encourage you to explore our catalogues:

- Liquid laundry detergents for household use
- Stain removers for household use



Laundry capsules, LC/1

Compound	Brand name	Concentration [%]	Function
MIPA Laureth Sulfate (and) Propylene Glycol	SULFOROKAnol L290/1M/ SULFOROKAnol L390/1M	40.00	Removes stains/ wetting agent
PEG-6 Glyceryl Cocoate/ Laureth-7/ PEG 11-Rapeseedamide	ROKAcet KO400G/ ROKAnol L7/ ROKAmid MRZ11	32.00	Removes stains
Glycerin	-	17.95	Humectant
Tetrasodium Glutamate Diacetate	-	4.00	Chelator
Enzymes	-	1.00	Breaks down different types of stains
Fluorescent Brightener	-	0.05	Optical brightener
Sodium Hydroxide	-	for pH 8.0-8.5	pH regulator
Aqua	-	5.00	Solvent

Appearance	visual method	gel
pH		7.5-8.5
Viscosity [cP]	Brookfield LV, 20°C	600-1300
Water content [%]	Karl Fischer method	<10

Procedure:

1. Mix Fluorescent Brightener with water until dissolved.
2. Add Glycerin and GLDA-Na₄, mix.
3. Add ROKAcet KO400G/ROKAnol L7/ROKAmid MRZ11 and mix.
4. Then add SULFOROKAnol L290/1M/SULFOROKAnol L390/1M, mix.
5. Add Sodium Hydroxide to obtained pH in the mass around 8.0-8.5
6. Finally, add Enzymes and mix.



Universal liquid detergent, ULD

Compound	Brand name	Concentration [%]	Function
Sodium Laureth Sulfate	SULFOROKAnol L227/1	40.0	Removes stains/foaming agent
PEG-6 Glyceryl Cocoate/ Laureth-7/ Alcohols, C8-18-ethoxylated/ PEG 11-Rapeseedamide	ROKAcet KO400G/ ROKAnol L7/ ROKAnol MT7E/ ROKAmid MRZ11	10.0	Breaks down stains
Potassium Oleate	EXOsoft PO30	5.0	Breaks down stains
Magnesium Laureth Sulfate	-	5.0	Removes stains/foaming agent
Glycerin	-	6.0	Humectant
Tetrasodium Glutamate Diacetate	-	2.5	Chelator
Enzymes	-	0.2	Breaks down different types of stains
Fluorescent Brightener	-	0.1	Optical brightener
Citric Acid	-	for pH 7-8	pH regulator
Aqua	-	up to 100.0	Solvent

Appearance	visual method	liquid
pH		7.5-8.5
Viscosity [cP]	Brookfield LV, T: 20°C	<100

Procedure:

1. Mix Fluorescent Brightener with water until dissolved.
2. Add SULFOROKAnol L227/1 and Magnesium Laureth Sulfate and mix until a homogeneous solution is obtained.
3. Then add ROKAcet KO400G/ROKAnol L7/ROKAnol MT7E/ROKAmid MRZ11 and mix.
4. Then add EXOsoft PO30 and mix a homogeneous solution is obtained.
5. Add Glycerin and mix.
6. Add GLDA-Na4, mix.
7. Add Citric Acid to obtained pH in the mass around 7-8.
8. Finally, add Enzymes and mix until a clear liquid is obtained.

Concentrated gel stain remover, CGSR/1

Compound	Brand name	Concentration [%]	Function
Sodium Laureth Sulfate	SULFOROKAnol L170/1	6.0	Removes stains/foaming agent
C12-16 Laureth-7/ PEG 11-Rapeseedamide	ROKAnol L7A/ ROKAmid MRZ11	7.0	Breaks down stains
C12-15 Pareth-3	ROKAnol DB3	3.0	Breaks down stains/ rheology modifier
Hydrogen Peroxide	-	30.0	Bleaching agent
Disodium Edetate	-	5.0	Chelator and stabiliser
Citric Acid	-	for pH 6	pH regulator
Aqua	-	up to 100.0	Solvent

Appearance	visual method	liquid paste
pH		6
Viscosity [cP]	Brookfield LV, 20°C	1200-1400

Procedure:

1. Mix SULFOROKAnol L170/1 with water until dissolved.
2. Add ROKAnol L7A/ROKAmid MR211 and mix.
3. Then add ROKAnol DB3 and mix.
4. Add Disodium Edetate and mix.
5. Then add Hydrogen Peroxide and mix.
6. Check the pH in the mass, add citric acid to obtained approximately 6.



Bathroom

Bathrooms, due to the high humidity and elevated temperatures typical for these spaces, create ideal conditions for the growth of bacteria, fungi and mold. This makes it essential to use cleaning products capable of eliminating microorganisms and maintaining a high level of hygiene.

Bathroom surfaces are highly diverse – from tiles, ceramics and steel to fittings and glass. Equally varied are the types of dirt encountered: limescale, soap residue, grease deposits or rust. Simply wiping with

a cloth is often not enough to remove such stubborn contaminants. For this reason, cleaning agents with very low or very high pH levels are frequently required. These demanding conditions also pose a challenge for the ingredients used in such formulations, which must demonstrate high resistance to alkaline or acidic environments. Consequently, bathroom cleaning formulations must combine strong cleaning performance – necessary to deal with difficult soils – with surface care, ensuring that materials are not damaged during use.

For more information, we encourage you to read our catalogue:

- Toilet Cleaning Products



Hot tubs cleaner

Compound	Brand name	Concentration [%]	Function
Isodeceth-7	ROKAnol ID7	3.0	Cleaning agent
Sodium Cumenosulfonate	EXOtrope SCS 40	2.5	Solubilizing and hydrotropic agent
Sodium Carbonate	-	3.0	Cleaning aid
PPG-2 Methyl Ether	-	3.0	Stabiliser/degreaser/solvent
Tetrasodium EDTA 40%	-	8.0	Chelator
Aqua and Additives	-	up to 100.0	Solvent and additives

Appearance	visual method	clear liquid
pH		9-11
Viscosity [cP]	Brookfield LV, 20°C	<10

Procedure:

1. Mix ROKAnol ID7 with water.
2. Then add Tetrasodium EDTA 40% and subsequently add PPG-2 Methyl Ether and EXOtrope SCS 40.
Mix until a homogeneous solution is obtained.
3. Finally add Sodium Carbonate and other additives.
4. Mix until clear solution is obtained.



Toilet gel with hydrochloric acid

Compound	Brand name	Concentration [%]	Function
Alcohols, C12-15 + 7 EO	ROKAnol DB7	4.0	Cleaning, foaming and wetting agent
Tertiary Amine Ethoxylate	-	5.0	Rheology modifier
35% Hydrochloric Acid	-	28.0	Descaling agent/pH adjuster
1-Hydroxyethane-1,1-diphosphonic Acid (HEDP)	-	0.3	Complexing agents
Aqua and Additives	-	up to 100.0	Solvent and additives

Appearance	visual method	clear gel
pH at 25°C		1-2
Viscosity [cP]		200-400

Procedure:

1. Weigh out the specified amount of water.
2. Then add ROKAnol DB7.
3. Mix until a clear solution is obtained.
4. Then add Tertiary Amine Ethoxylate, Hydrochloric Acid, additives and mix until uniform.
5. Finally, add Hydrochloric Acid and mix until a clear liquid is obtained.
6. Measure the required parameters.



Adhesive toilet gel

Compound	Brand name	Concentration [%]	Function
Ceteareth-25	ROKAnol T25	35.0	Consistency adjuster
Sodium Laureth Sulfate	SULFOROKAnol L227/1	16.0	Foaming agent
Isotrideceth-12	ROKAnol IT12	3.2	Cleaner agent/ consistency adjuster
Glycerin	-	5.0	Anti-drying agent
Aqua and Additives	-	up to 100.0	Solvent and additives

Appearance	visual method	gel
pH at 25°C		5-6

Procedure:

1. Put ROKAnol T25 in a reactor, add water heated to 80 °C.
2. Mix until ROKAnol T25 is completely dissolved.
3. Cool to 50°C and add SULFOROKAnol L227/1, then mix.
4. Add ROKAnol IT12, Glycerin and other additives.
5. Mix until a clear solution is obtained.
6. Measure the required parameters.



Kitchen

The kitchen is a space of intense activity, where various types of dirt appear every day – from light deposits to extremely stubborn stains. Grease, burnt-on food, dried-on food residue, limescale, mineral deposits, and unpleasant odors require different types of cleaning products. Some products are suitable for cleaning hobs, others for freshening up the refrigerator, and still others for removing burnt-on food from the oven or greasy deposits from the hood. Therefore, formulations intended for the kitchen must combine effectiveness with safety for surfaces, while responding to the specific needs of users – from quick degreasing to deep cleaning and disinfection.

Washing dishes, both by hand and automatically, is one of the key elements of maintaining hygiene in the kitchen. Dishwashers are increasingly used in households, driving the development of detergents in the form of tablets, capsules, and gels, as well as complementary products such as rinse aids and cleaning agents for the interior of the appliance. At the same time, hand washing products continue to play an important role, as they must combine high effectiveness with skin friendliness.

Our offer includes raw materials for all these types of formulations – from dishwasher detergents and dishwashing liquids to specialized cleaning and care products for kitchen surfaces.

For more information, we encourage you to read our catalogue:

- Automatic dishwasher detergents
- Manual dishwashing detergents



Dishwashing spray

Compound	Brand name	Concentration [%]	Function
Sodium Trideceth Sulfate	SULFOROKAnol IT370	13.0	Cleaning and wetting agent
Cocamidopropyl Betaine	ROKAmina K30	3.5	Cleaning and foaming agent
Sodium Coco Sulfate	ROSULfan C/PH	3.0	Cleaning and foaming agent
Sodium Cumenesulfonate	EXOtrope SCS 40	2.0	Hydrotrope
Phenoxyethanol	-	0.8	Preservative
Glycerin	-	0.5	Humectant
Aqua	-	up to 100.0	Solvent

Appearance	visual method	clear liquid
pH		5.5-6.5
Viscosity [cP]	Brookfield LV, 20°C	<100

Procedure:

1. Mix SULFOROKAnol IT370 with water.
2. Gradually add the remaining ingredients, stirring each time, until a clear solution is obtained.
3. Check pH, if necessary add Citric Acid to pH 5.5-6.5.



Cleaner for burnt and sooty surface

Compound	Brand name	Concentration [%]	Function
C9-11 Pareth-9	ROKAnol NL9	3.0	Deep cleaning and degreasing agent
Fatty Alcohol Polyglycol Ether	ROKAnol GT9	1.0	Wetting agent
Sodium Cumenesulfonate	EXOtrope SCS 40	1.5	Solubilizing and hydrotropic agent
Sodium Carbonate	-	1.0	Cleaning aid
Sodium Hydroxide	-	1.5	pH regulator
Aqua and Additives	-	up to 100.0	Solvent and additives

Appearance	visual method	clear liquid
pH		12-13
Viscosity [cP]	Brookfield LV, 20°C	<10

Procedure:

1. Mix non-ionic surfactants with water until homogeneous solution is obtained.
2. Then add Sodium Carbonate and mix.
3. Subsequently add the hydrotrope and mix until homogeneous solution is obtained.
4. Add Sodium Hydroxide to obtain the desired pH.



Economic rinse aid formulation

Compound	Brand name	Concentration [%]	Function
Laureth-7	ROKAnol L7	5.5	Wetting agent
Alcohols, C12-C15, ethoxylated, propoxylated	ROKAnol LP2500	2.5	Wetting agent
Sodium Cumenesulfonate	EXOtrope SCS 40	1.5	Hydrotrope
Citric Acid, monohydrate	-	3.0	Chelating agent/pH regulator
Aqua and Additives	-	up to 100.0	Solvent and additives

Appearance	visual method	liquid
pH		2-4

Procedure:

1. Mix non-ionic surfactants ROKAnol LP2500 and ROKAnol L7 with water.
2. Add Sodium Cumenesulfonate, Citric Acid and other additives.
3. Mix until a clear solution is obtained.



Hard Surface Cleaning

In our homes, we encounter a wide range of surfaces – from wooden and laminated furniture, through panels and floor tiles, to glass, mirrors and plastic elements. Each of them is exposed to different types of dirt: dust, fingerprints, deposits, smudges, light greasy deposits or everyday dirt brought in from outside. The variety of materials and types of dirt means that effective cleaning requires appropriately selected products that can handle both delicate furniture surfaces and more demanding floors or glass that is prone to smudges.

Modern hard surface cleaners cover a wide range of applications: from dusting preparations to floor cleaning liquids and glass and mirror

cleaners. APC (All Purpose Cleaner) products are also becoming increasingly popular, combining versatility with high effectiveness, allowing many surfaces to be cleaned with a single product. Each of these categories requires appropriately designed formulations – effective, stable and safe for materials, yet pleasant to use on a daily basis.

Our offer includes raw materials for all these types of products: from delicate furniture cleaners, through floor cleaners, to window cleaners and universal APCs. This makes it possible to create modern, effective and consumer-friendly solutions for keeping the whole house clean.



Wall and floor tile cleaners

Compound	Brand name	Concentration [%]	Function
Laureth-7	ROKAnol L7	2.5	Cleaning agent
Sodium Laureth Sulfate	SULFOROKAnol L227/1	2.0	Cleaning and foaming agent
Isopropyl Alcohol, Ethyl Alcohol	-	3.0	Degreasing aid
Sodium Cumenesulfonate	EXOtrope SCS 40	1.0	Solubilizing and hydrotropic agent
Aqua and Additives	-	up to 100.0	Solvent and additives

Appearance	visual method	clear solution
pH		6-7
Viscosity [cP]	Brookfield LV, 20°C	<10

Procedure:

1. Mix SULFOROKAnol L227/1 with aqua until obtaining a homogeneous solution.
2. Then add ROKAnol L7 and mix. After obtaining a uniform fraction, add the mixture of short-chain alcohols and mix.
3. Finally add EXOtrope SCS 40 and other additives.
4. Mix until a clear solution is obtained.



Gentle wood furniture cleaner

Compound	Brand name	Concentration [%]	Function
Sodium Laureth Sulfate	SULFOROKAnol L227/1	2.74	Surfactant
Potassium Cocoate	EXOsoft PC35	1.67	Surfactant
Laureth-4	ROKAnol L4	0.5	Surfactant
Sodium Cumenesulfonate	EXOtrope SCS	1.5	Solubilizer
Ethanol	-	1.5	Solvent
2-Butoxyethanol	-	1.0	Degreaser
Nonionic carnauba emulsion	-	0.5	Polish
Methylisothiazolinone, Metylochloroizotiazolinon	-	0.05	Preservative
Citric Acid	-	for pH ~ 7.5	pH regulator
Parfum	-	0.1	Fragrance
Aqua	-	up to 100.00	Solvent

Appearance	visual method	milky opalescent liquid
pH		6-8

Procedure:

1. Mix EXOsoft PC35 with water until dissolved.
2. Add Citric Acid to pH of about 7.5
3. Add SULFOROKAnol L227/1 and mix.
4. Then add ROKAnol L4 and mix.
5. Add EXOtrope SCS and mix.
6. Add 2-Butoxyethanol and ethanol and mix.
7. Add Nonionic carnauba emulsion and mix.
8. Finally, add Methylisothiazolinone, Metylochloroizotiazolinon and parfum and mix until.

Window and mirror professional cleaners

Compound	Brand name	Concentration [%]	Function
Sodium Laureth Sulfate	SULFOROKAnol L227/1	0.7	Cleaning and foaming agent
Sodium Polyacrylate	EXOlat C40	0.3	Sequestrant
Isopropyl Alcohol, Ethyl Alcohol	-	6.0	Degreasing aid
Diethylene Glycol Butyl Ether	-	1.0	Formulation stabilizer
Aqua and Additives	-	up to 100.0	Solvent and additives

Appearance	visual method	clear solution
pH		6-7
Viscosity [cP]	Brookfield LV, 20°C	<10

Procedure:

1. Mix SULFOROKAnol L227/1 with aqua until obtaining a homogeneous solution.
2. Then add Diethylene Glycol Butyl Ether and mix.
3. When the solution is homogeneous, add a mixture of polar short-chain alcohols.
4. Finally add EXOlat C40 and other additives.
5. Mix until a clear solution is obtained.





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The information in the catalogue is believed to be accurate and compiled to the best of our knowledge; however, it should be considered as introductory only. Detailed information about our products is available in TDS and MSDS.

The suggestions for product applications are based on our best knowledge.

The responsibility for the use of products in conformity or otherwise with the suggested application, and for determining product suitability for the user's own purposes rests with the user.

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