

A full line for  
a cleaner world



**Lamberti**  
personal care

Designing  
new values  
in chemistry

# Lamberti Technologies for Home Care, Industrial and Institutional.

Improving your daily life.

Lamberti is a global manufacturer of chemical specialties focused on customers' needs. Thanks to its well-established Technological Platforms, Lamberti Personal Care is fully committed to target consumers' requirements with high-quality, performant ingredients. Each product within our portfolio is innovation-driven and designed to open new perspectives, supporting our customers in the development of the formulations of tomorrow.

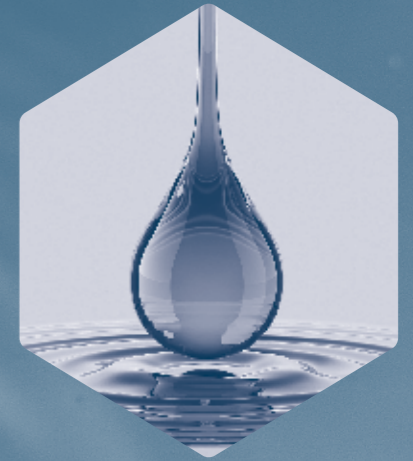
Our approach for Personal Care combines a very strong knowledge, built over decades, with a seamless search for new advanced solutions. Working alongside our customers, we help

transforming experience into groundbreaking raw materials, providing a unique tailor made service.

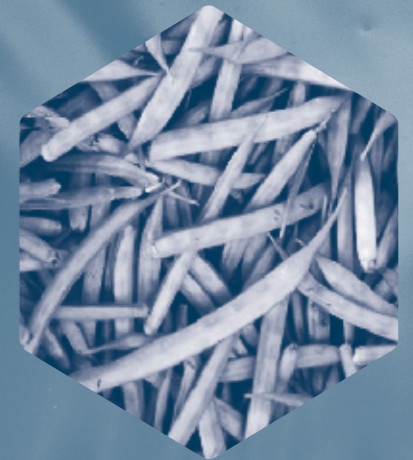
This made our brands ESAFLOR®, VISCOLAM® and EUCAROL® appreciated and recognized worldwide.

All new developments supported by our R&D laboratories are committed towards sustainability and environmentally friendly chemistry, in compliance with regulatory requirements.

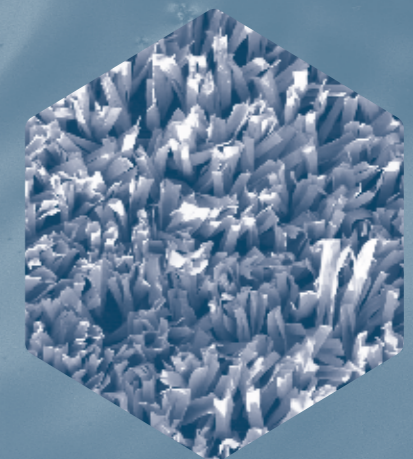
To better focus on formulation design Lamberti has integrated Kalichem, who has a well-recognized know-how in the world of cosmeceuticals and synergistic ingredients.



**OLEOCHEMICALS**



**NATURAL POLYMERS**



**SYNTHETIC POLYMERS**

## OLEOCHEMICALS

Article	Composition	a.m.	Appearance	Application
<b>ANIONIC SURFACTANTS</b>				
CHIMIPAL C MB	Disodium Alkylpolyglucose Citrate	30%	liquid	Anionic surfactant, derived from renewable raw materials, with excellent foaming and detergent properties. Ideal both for household and industrial applications. RSPO Mass Balance.
CHIMIPAL C50 MB	Disodium Alkylpolyglucose Citrate and Propylene Glycol	50%	liquid	Concentrated anionic surfactant, from renewable sources, in vegetable-derived glycol. Excellent foaming and detergent properties. Ideal for natural concentrated formulations and pods. RSPO Mass Balance.
CHIMIPAL T MB	Sodium Alkylpolyglucose Tartrate	30%	liquid	Anionic surfactant, from renewable sources, with outstanding mildness. Recommended for mild hand-dishwashing detergents and laundry liquids for delicate textiles. RSPO Mass Balance.
CHIMIPAL S MB	Disodium Alkylpolyglucose Sulphosuccinate	45%	liquid	Anionic surfactant with high foaming power, used both in household and industrial detergency as primary or secondary surfactant. RSPO Mass Balance.
CHIMIPAL O MB	Olive-oil Fatty Acids, Potassium Salts and Coco Fatty Acids, Potassium Salts	25%	liquid	Vegetable-derived soap, ideal for natural formulations. Widely used in laundry liquids, it helps reducing the need of additional defoaming agents. RSPO Mass Balance.
CHIMIPAL M MB	Lauryl Ether Citrate 7EO, Acid Form	100%	liquid	Concentrated anionic surfactant, derived from citric acid. Especially suitable for detergents that may get in contact with the skin, such as hand-dishwashing detergents, floor cleaners, laundry liquids. RSPO Mass Balance.
CHIMIPAL D	Di-Laurylether Citrate 7EO, Sodium Salt	25%	liquid	Anionic surfactant derived from citric acid, in water solution. Especially suitable for detergents that may get in contact with the skin, such as hand-dishwashing detergents, floor cleaners, laundry liquids. Palm free.
IMBIROL OT/NA/70	Di-Octyl Sulpho Succinate, Sodium Salt	70%	liquid	Very good wetting agent for water-based formulations, effective even at low concentrations, suitable for hard surface cleaners.
<b>PHOSPATE ESTERS</b>				
CHIMIN P1A	Alkyl Ether Phosphate, Acid Form	100%	liquid	Stable over a broad pH range, easily soluble, with a low foaming profile and good degreasing power. Highly suitable for I&I applications, such as hard surface and metal cleaning.
CHIMIN 10/12/490/A	Alkyl Ether Phosphate, Acid Form	100%	liquid	Particularly suitable for alkaline pH applications, such as kitchen and oven cleaners.
CHIMIN 12/13/300	Alkyl Ether Phosphate, Acid Form	100%	liquid	Effective emulsifier and dispersing agent for O/W emulsions, especially suitable for polar oils and solvents. Highly suitable for metal cleaning formulations, providing corrosion inhibition benefits.
<b>NON IONIC SURFACTANTS</b>				
AEG 102/61	Alkylethoxyglucoside	60%	liquid	A good detergent power, coupled with a streak-free end result, make this surfactant suitable for hard surface cleaners and glass-cleaners. Broad pH stability. RSPO Mass Balance grade also available upon request.

Article	Composition	a.m.	Appearance	Application
<b>NON IONIC SURFACTANTS</b>				
EMULSON CO/36	Castor Oil 36EO	100%	liquid to paste	Solubilizer for fragrances, oils and hydrophobic compounds, both for water or aqueous/alcoholic solutions. Suitable for several applications, such as air care, fabric detergents, hard surface cleaners.
EMULSON CO/40	Castor Oil 40EO	100%	liquid to paste	
EMULSON COH 40	Hydrogenated Castor Oil 40EO	100%	soft wax	
EMULSON COH/410	Hydrogenated Castor Oil 40EO	90%	viscous liquid	
EMULSON NS	Mixture of non-ionic surfactants	90%	liquid	Highly effective blend for the solubilization of fragrances, essential oils, lipophilic and hydrophobic compounds in water or in aqueous/alcoholic solutions.
ROLFOR 1012/490	C10-12 Linear Alcohol 5EO	100%	liquid	Exceptional wetting and fat-dispersing properties with moderate foaming, make it suitable for hard surface cleansers or laundry liquids. Apt for water-based cleaners as well as in end-use formulations containing a mixture of water and organic solvents.
ROLFOR LA8	C12-16 Linear Alcohol 8EO	100%	soft wax	High performance in hard surface cleaning and in laundry applications, both for Home Care and I&I.
ROLFOR LA 23	C12-C16 Linear Alcohol 23EO	100%	hard wax	Providing a moderate, stable foam, combined with high detergency, it is ideal for hard surface cleaners, hand-dishwashing and laundry detergents.
ROLFOR ISD	C10 Branched Alcohol 7EO	100%	liquid	Exceptional wetting and degreasing properties. It is considered as an alternative to alkylphenol ethoxylates due to its similar performance characteristics.
ROLFOR HT/6	Cetylstearyl Alcohol 6EO	100%	paste	Effective O/W emulsifiers. They can also be combined to obtain systems with various HLB, allowing the emulsification of compounds with different polarity. Suitable for the formulation of polishes.
ROLFOR HT/25	Cetylstearyl Alcohol 25EO	100%	flakes	
ROLFOR TR/8/L	Isotridecyl Alcohol 8EO	100%	liquid	Excellent performance in laundry applications, such as light-duty liquids and powders, detergents for wool and hand-washing liquids.
ROLFOR TR11/E	Branched Alcohol 11EO	85%	liquid	High detergent power and soil dispersing properties make it the ideal choice for hard surface cleaning, both for Home Care and I&I. Suitable also for laundry detergents.
SORBILENE L	Sorbitan Monolaurate 20EO	97%	liquid	Efficient non-ionic O/W emulsifiers, with increased stability, formulating flexibility and wide compatibility. They can be combined with the corresponding Sorbirol, to obtain systems with various HLB value and emulsify most oils and waxes. Sorbilene L and Sorbilene O are also effective solubilizers, suitable for example for fragrances in air fresheners applications.
SORBILENE O	Sorbitan Monooleate 20EO	97%	liquid	
SORBILENE P	Sorbitan Monopalmitate 20EO	97%	liquid	
SORBILENE S	Sorbitan Monostearate 20EO	97%	soft paste	
SORBIROL L	Sorbitan Monolaurate	100%	liquid	Effective non-ionic W/O emulsifiers. In combination with the corresponding Sorbilene, they act as coemulsifiers for O/W emulsions. By adjusting the Sorbirol/Sorbilene ratio, various HLB values can be achieved allowing the emulsification of compounds with different polarity.
SORBIROL O	Sorbitan Monooleate	100%	liquid	
SORBIROL S	Sorbitan Monostearate	100%	pearls/flakes	

## OLEOCHEMICALS

Article	Composition	a.m.	Appearance	Application
<b>EO - PO DERIVATIVES</b>				
CHIMIPAL LC	Alcohol Etho-Propoxylated	100%	liquid	Ideal for low- to no-foam applications. Effective foam control agents, thanks to low surface tension and low foam characteristics.
CHIMIPAL AG/208	Fatty Alcohol Etho-Propoxylated	100%	liquid	
CHIMIPAL PE 3/L	Fatty Alcohol Etho-Propoxylated	100%	liquid	
CHIMIPAL PE 403	Fatty Alcohol Etho-Propoxylated	100%	liquid	Low-foaming surfactant with good emulsifying, dispersing and wetting properties. Suitable for applications where foam should be avoided, such as low-foam hard-surface cleaners, rinse aids for automatic dish-washing, laundry detergents for machine washing.
CHIMIPAL PE 56/N	Fatty Alcohol Etho-Propoxylated	100%	liquid	Ideal for applications where foam can be an issue, such as automatic dish-washing detergents, rinse aids, industrial and institutional cleaning. They can be combined to achieve the desired cloud point, delivering low foam detergents with good wetting and emulsifying properties.
CHIMIPAL PE 74/N	Fatty Alcohol Etho-Propoxylated	100%	liquid	
CHIMIPAL PL 61	Ethoxylated-Propoxylated Copolymer	100%	liquid	Low surface tension makes it a particularly efficient rinse aid and low foam wetting agent in automatic dishwashing detergents, industrial and institutional cleaning and in clean-in-place (CIP) applications.
CHIMIPAL PL 62	Ethoxylated-Propoxylated Copolymer	100%	liquid	Ideal for low- to no-foam applications: it provides both foam control and detergency in rinse aid applications, autodish detergents, I&I cleaning.

## NATURAL POLYMERS

Article	Composition	a.m.	Appearance	Application
<b>THICKENERS AND RHEOLOGY MODIFIERS</b>				
ESAFLOR® X 80	Xanthan Gum	100%	powder	Anionic thickener and stabilizer suitable for neutral, acidic and alkaline cleaning products (pH 3 - 12). Its pseudoplastic rheology ensures that vertical and inclined surfaces are covered with an effective amount of cleaner.
ESAFLOR® 4W	Hydroxypropylated Guar Gum	100%	powder	Non-ionic thickener for aqueous and surfactant-based systems. Excellent foam stabilizer, outperforming other thickeners. Compatible with electrolytes, solvents and glycols.

## SYNTEHTIC POLYMERS

Article	Composition	a.m.	Average MW (Da)	Application
<b>DISPERSING AND ANTIRIDEPPOSITION AGENTS</b>				
ADEX TL5	Acrylic-Maleic Copolymer	40%	85000	Additives for household and industrial & institutional detergents, delivering incrustation and redeposition inhibition, together with detergency boosting. Main applications: Dishwasher detergents: polymeric dispersing agents are very effective in helping to enhance detergency, as well as preventing redeposition of soil and salts contained in hard water; they reduce spotting and filming in particular onto glass and dishware. Laundry detergents: polymeric dispersing agents can boost detergents' performance, improving the whiteness of the wash and minimising soil redeposition.
ADEX HS	Polycarboxylic Acid, Sodium Salt	40%	2500	
ADEX D50	Polycarboxylic Acid, Sodium Salt	40%	4500	
ADEX D50A	Polycarboxylic Acid, Sodium Salt	48%	4500	
ADEX BV4	Polycarboxylic Acid, Sodium Salt	45%	7000	
ADEX 2999	Polycarboxylic Acid, Sodium Salt	28%	80000	
<b>THICKENERS AND RHEOLOGY MODIFIERS</b>				
ADEX DA19	Acrylic Copolymer	30%	liquid	Specifically developed to impart efficient suspending and stabilizing, as well as thickening properties to surfactants and detergents systems. Suitable for clear formulations at pH > 6.5.
ADEX DA20	Acrylic Copolymer	30%	liquid	Thickener for surfactants systems. Specifically developed for end-use formulations with a low surfactants content. Suitable for clear formulations at pH > 7.5.
ADEX TA 100	Emulsion of Polyacrylates Derivatives	40%	viscous liquid	Extremely versatile, ready-to-use polymeric thickeners and stabilisers for O/W emulsions. Effective at emulsifying and stabilising several types of oil phases, regardless of their chemical nature and polarity.
ADEX TA 64	Emulsion of Polyacrylates Derivatives	40%	viscous liquid	
ADEX 1016	Non-ionic Aliphatic Polyurethane in Hydro-glycolic Solution	40%	liquid	Non-ionic rheology modifier with excellent chemical compatibility, also in presence of cationics. Suitable for clear formulations. Ideal for several Household and I&I applications, such as laundry detergents and softeners, dishwashing and surface cleaners.
<b>ANTIFOAM</b>				
DEFOMEXSE 47	Polydimethyl Siloxane Emulsion	16%	milky emulsion	Effective antifoam for aqueous systems and surfactant-based formulations. Stable over a broad pH range: suitable also for applications with acidic or alkaline pH, such as sanitary cleaners or degreasers.

# The Lamberti Group

**Explore, Design, Provide, Evolve.**

We design and produce customized chemical solutions for different industries: not simply products or formulations, but sets of skills, capabilities, visions, developed with dedication and attention to our customers. Our science is made of experience, technology, and precision, for tailoring and delivering high performing solutions to our customers. Our ability to fit any market evolution demonstrates our capacity to be creative and innovative.

**The history of our company is continually written by people’s living stories.**

Since 1911, our experience stems from over a century of history. From the initial affiliation to the textile industry, we have learned the value of being part of structured eco-systems. Over time, we have invested in industrial plants and laboratories to cover all geographies. We have fostered a network of relationships, a rich wellspring of experience that gives value to our people.

**We want to do better, creating a positive legacy for the future of the planet and living species.**

**Our technologies per market**

	Cellulosics	Hydrocolloids	Acrylics	Waterbased polyurethanes	Oleochemicals
Agriculture	•	•	•	•	•
Personal care	•	•	•	•	•
Food and regulated industries	•	•			
Oil&gas	•	•	•		•
Mining and civil engineering	•	•	•		•
Ceramics and glassware	•		•	•	•
Surfactants					•
Wetend paper	•	•			
Drymix for construction	•	•			
Textile printing and finishing	•	•	•	•	•
Architectural paints	•	•	•	•	•
Coated and functional paper	•	•	•	•	•
Industrial coating			•	•	•
Digital inks			•	•	•
Inks ingredients			•	•	•
Leather finishing			•	•	
Synthetic materials		•	•	•	•

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Notes



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