

Cleaning Solutions

Product Guide



Lamberti
home care and I&I

Lamberti Technologies for Home Care and I&I.

Improving your daily life.

Lamberti is a global manufacturer of chemical specialties focused on customers' needs. Thanks to its well-established Technological Platforms, Lamberti is fully committed to target Home Care and I&I 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 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.

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



Oleochemicals
Natural Polymers
Synthetic Polymers

SURFACTANTS & OLEOCHEMICALS

Product	Composition	Application										Function						Key properties	Active matter	Physical form	Description
		Laundry detergents	Laundry softeners	Hard surface cleaners	Dishwashing	Vehicle care	Low-foam cleaners & rinse-aids	Polishes	Concentrated, anhydrous formulations	Claims	Foaming	Degreasing	Hydrotroping	Wetting	Solubilising	Emulsifying					
NATURAL-BASED ANIONIC SURFACTANTS																					
Chimipal C MB	Disodium alkylpolyglucose citrate	•		•							RSPO no EO no preservatives ISO16128-1	High	•		•	•	•	30%	Liquid	Extremely effective yet gentle anionic surfactant, based on renewable sources, it is the perfect choice for eco-friendly products. Ideal for surfaces, it combines good cleaning performance with streak-free results. Very delicate towards the skin.	
Chimipal T MB	Sodium alkylpolyglucose tartrate	•			•						RSPO no EO no preservatives ISO16128-1	Medium/ High	•		•	•	•	30%	Liquid	Naturally-derived, anionic surfactant, from renewable sources. It delivers excellent foam aesthetics, also as co-surfactant. Extremely gentle towards the skin, it is ideal for example for hand dishwashing products or laundry liquids for delicate textiles.	
Chimipal S ND MB	Disodium alkylpolyglucose sulphosuccinate	•		•		•					RSPO no EO no preservatives ISO16128>0.85	High	•		•	•	•	45%	Liquid	Anionic surfactant with high foaming power, it delivers high volume, dense and persistent lather. Ideal for foaming car washes, as well as other applications where effective cleaning, good skin compatibility, and low environmental impact are important.	
Chimipal C50 MB	Disodium alkylpolyglucose citrate, propylene glycol	•		•		•				•	RSPO no EO no preservatives ISO16128-1	High	•		•	•	•	50%	Liquid	Concentrated and water-smart version of Chimipal C MB, in propylene glycol from vegetable origin. Excellent foaming and detergent properties. Ideal for natural, concentrated formulations and pods.	
Chimipal M MB	Lauryl ether citrate 7EO, acid form	•		•		•				•	RSPO no preservatives ISO16128>0.5	High			•	•		100%	Liquid	Concentrated anionic surfactant, offering good foaming properties. It is particularly suited for pH-sensitive formulations like bathroom cleaners or multi-surface sprays, where mildness, limescale compatibility, and environmental friendliness are desired.	
Chimipal AGL 35 MB	Disodium cocoyl glutamate	•		•	•						RSPO no EO no preservatives ISO16128>0.9	Medium/ High				•	•	30%	Liquid	Based on renewable raw materials, glutamate surfactants show good foaming behaviour, particularly in the mildly acidic range. Excellent foam boosters, they improve the overall foam aesthetics.	
Chimipal AGL C100 MB	Disodium cocoyl glutamate	•		•	•					•	RSPO no EO no preservatives ISO16128-1	Medium/ High				•	•	100%	Powder		
Chimipal EASY MB	Disodium cocoyl glutamate, disodium alkylpolyglucose citrate	•		•	•					•	RSPO no EO no preservatives ISO16128-1	High	•		•	•	•	100%	Powder	Versatile and synergistic blend of natural anionic surfactants, with a superior foaming profile, easy rinse and outstanding sustainability features. Suitable as co-surfactant in natural, delicate and ecofriendly products, such as manual dishwashing. Ideal for concentrated and water-less formulations (eg. pouches, pods or self-dilution) and for products that come in contact with the skin.	
Chimipal SoFo	Disodium alkylpolyglucose citrate, glycolipids			•	•						RSPO no EO no preservatives ISO16128-1	High	•		•	•	•	35%	Liquid	Synergistic blend of sugar-based surfactants and biotech-based glycolipids. Superior detergent power together with incomparable respect for the skin and for the environment. It delivers creamy foam with easy rinse. Ideal for eco-conscious, natural products, also for delicate surfaces.	
NON-IONIC SURFACTANTS																	HLB				
Rolfor LA8	C12-16 linear alcohol 8EO	•		•	•			•	•	no preservatives	Medium/ High	•			•			13.0	100%	Paste	Non-ionic surfactants with high detergent power and soil dispersing properties.
Rolfor LA 23	C12-16 linear alcohol 23EO	•		•				•	•	no preservatives	Medium/ High				•	•		17.0	100%	Solid	
Rolfor TR/8/L	Isotridecyl alcohol 8EO	•		•		•		•	•	no preservatives	Medium	•			•			13.0	100%	Liquid	
Rolfor TR11/E	Branched alcohol 11EO	•		•		•		•		no preservatives	Medium				•	•		14.0	85%	Liquid	

SURFACTANTS & OLEOCHEMICALS

Product	Composition	Application									Function						Key properties	Active matter	Physical form	Description	
		Laundry detergents	Laundry softeners	Hard surface cleaners	Dishwashing	Vehicle care	Low-foam cleaners & rinse-aids	Polishes	Concentrated, anhydrous formulations	Claims	Foaming	Degreasing	Hydrotroping	Wetting	Solubilising	Emulsifying					
SOLUBILISERS AND EMULSIFIERS																HLB					
Emulson CO/36	Castor oil 36EO	•	•	•		•		•	•	no preservatives	Medium					•	•	12.0	100%	Liquid	Non-ionic surfactants with high detergent power and soil dispersing properties.
Emulson CO/40	Castor oil 40EO	•	•	•		•		•	•	no preservatives	Medium					•	•	13.0	100%	Paste	
Emulson COH 40	Hydrogenated castor oil 40EO	•	•	•	•	•		•	•	no preservatives	Medium					•	•	14.0	100%	Paste	
Emulson COH/410	Hydrogenated castor oil 40EO	•	•	•	•	•		•		no preservatives	Medium					•	•	14.0	90%	Liquid	
Emulson NS	Mixture of non-ionic surfactants	•	•	•	•	•		•		no preservatives	Medium					•	•	13.6	90%	Liquid	High performing solubilisers, based on optimised blends of non-ionic surfactants. Effective even at low concentrations, particularly suitable for solubilising essential oils, fragrances and hydrophobic substances. Easy to process, they work both in aqueous and hydroalcoholic systems.
Emulson SP	Mixture of non-ionic surfactants	•	•	•	•	•		•		no preservatives	Medium					•	•	13.5	90%	Liquid	
Sorbilene L	Sorbitan monolaurate 20EO	•		•		•		•	•	no preservatives	High					•	•	16.7	100%	Liquid	Non-ionic emulsifiers and solubilisers for surfactant-based products. Ideal for example for air care, where they can support the solubilisation of volatile components, or in surface-cleaning wipes.
Sorbilene O	Sorbitan monooleate 20EO	•		•		•		•	•	no preservatives	High					•	•	15.0	100%	Liquid	
Sorbilene P	Sorbitan monopalmitate 20EO	•		•		•		•	•	no preservatives	Medium					•	•	14.9	100%	Liquid	
Sorbirol L	Sorbitan monolaurate					•	•	•	•	no EO no preservatives ISO16128-1	Low					•	•	8.6	100%	Liquid	Most hydrophilic of the sorbitan esters, widely used as co-emulsifier in O/W emulsions.
Sorbirol O	Sorbitan monooleate					•	•	•	•	no EO no preservatives ISO16128-1	Low					•	•	4.3	100%	Liquid	Liquid, PEG-free co-emulsifier ideal for W/O emulsions. It is suitable also for aerosol products, such as surface spray polishes and cleaners.
Sorbirol S	Sorbitan monostearate					•	•	•	•	no EO no preservatives ISO16128-1	Low					•	•	4.7	100%	Solid	Liquid, PEG-free co-emulsifier ideal for W/O emulsions. Often used with Sorbilene for stable O/W emulsions.
LOW FOAM PRODUCTS																Cloud Point °C					
Chimipal LC	Butyl alcohol 5EO 5PO			•		•	•		•	no preservatives	Low							26/A	100%	Liquid	Ideal for low-to-no-foam applications. Effective foam control agents, thanks to high lipophilic character. They ensure foam control, while keeping cleansing properties.
Chimipal PE 3/L	C16-18 alcohols 2.5 EO 30PO			•		•	•		•	no preservatives	Low/ Defoamer							24/B	100%	Liquid	
Chimipal PE 1173	Undecyl alcohol 7EO 3PO					•	•		•	no preservatives	Low				•			41/C	100%	Liquid	Excellent low foaming, non-ionic surfactant and rinse aid for automatic dishwashing liquids, tabs and rinses. It delivers very poor foam persistency whilst providing excellent wetting performance.
Chimipal PE 56/N	C12-14 alcohols 5EO 4PO	•				•	•		•	no preservatives	Low		•		•			30/C	100%	Liquid	Low-foaming, nonionic surfactants, primarily recommended for dishwasher detergents, rinse aids and low-foam industrial cleaners. These products are often used in combination to fine-tune wetting and foaming properties according to the customer's formulation. Chimipal PE 56/N delivers optimal wetting properties, while Chimipal PE 74/N can further reduce foaming.
Chimipal PE 74/N	C12-14 alcohols 3EO 6PO	•				•	•		•	no preservatives	Low				•			11/C	100%	Liquid	
Defomex SE 47	Polydimethyl siloxane emulsion	•	•	•		•	•			no preservatives	Defoamer							-	16%	Liquid	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.

Cloud point methods: (A) 5% in NaCl 10%; (B) 10% in BDG 25%; (C) 1% in H2O

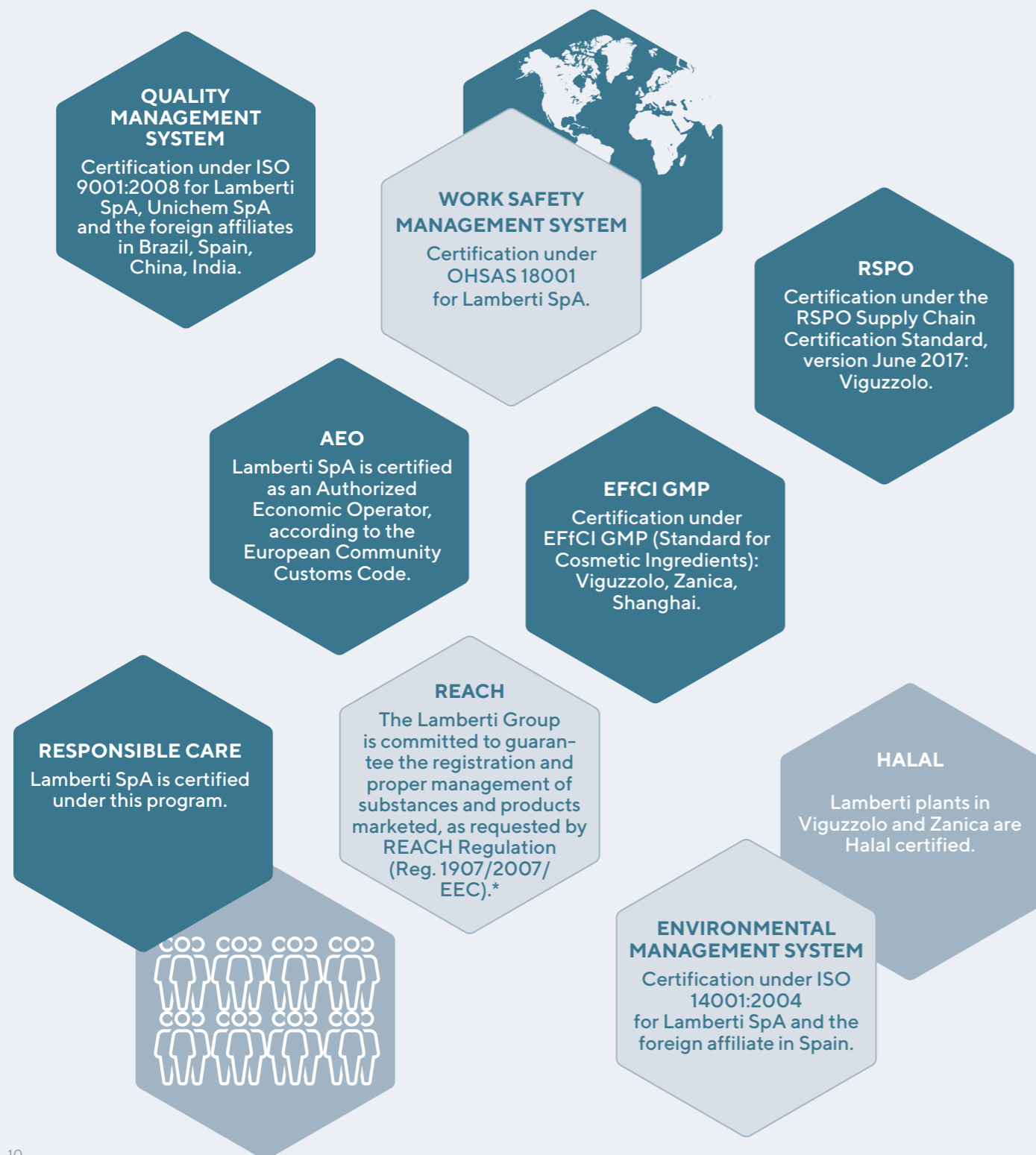
RHEOLOGY MODIFIERS & THICKENERS

Product	Composition	Application										Function					pH compatibility	Active matter	Physical form	Description
		Laundry detergents	Laundry softeners	Hard surface cleaners	Dishwashing	Vehicle care	Low-foam cleaners & rinse-aids	Polishes	Concentrated, anhydrous formulations	Claims	Thickening	Suspending / Stabilising	Antistatic	Emulsifying						
NATURAL-BASED POLYMERS																				
Esaflor® X80	Xanthan gum	•		•	•	•				ISO16128-1	•	•			acid to alkaline	100%	Powder	Anionic thickener and stabiliser suitable for neutral, acidic and alkaline cleaning products (pH 3 - 12). Its pseudoplastic rheology ensures that vertical and inclined surfaces are effectively covered.		
Esaflor® 4W	Hydroxypropylated guar gum	•	•	•	•	•				ISO16128≥0.85	•				acid to alkaline	100%	Powder	Natural-derived, non-ionic thickener for aqueous and surfactant-based systems, with pseudoplastic rheological behaviour. High compatibility with electrolytes and solvents.		
Esaflor® ZERO-X	Cationic guar gum	•	•		•					ISO16128≥0.85	•		•		acid to alkaline	100%	Powder	Natural-derived, cationic polymer. It delivers thickening, foam boosting and anti-static properties. It can deliver for example softening properties to fabrics, being suitable for softeners and delicate formulations. In manual dishwashing products it can improve foam aesthetics, skin feel and mildness.		
Esaflor® HM 22	Hydrophobically modified hydroxypropylated guar gum		•					•		ISO16128≥0.7	•	•			acid to alkaline	100%	Powder	Emulsification-aid for O/W emulsions, with excellent thickening and stabilising properties. It works in synergy with the most commonly used emulsifiers, helping delivering stable emulsions with tunable textures. Good compatibility with electrolytes. Suitable also for fabric softeners.		
SYNTHETIC POLYMERS																				
Adex DA11	Acrylic copolymer	•		•	•	•					•	•		neutral to alkaline	30%	Liquid	Ideal to impart efficient thickening, suspending and stabilising properties to surfactant and detergent systems. Suitable for clear formulations at pH > 6.5.			
Adex DA 20	Acrylic copolymer	•		•	•	•					•			alkaline	30%	Liquid	Thickener for surfactant systems, specific for alkaline pH. Specifically developed for end-use formulations with a low surfactants content. Suitable for clear formulations at pH > 7.5			
Adex DA23	Acrylic copolymer			•		•					•	•		alkaline	30%	Liquid	Thickener for surfactant systems, specific for alkaline pH. Ideal also to thicken and stabilise formulations with high solid content (e.g. abrasive pastes with calcium carbonate).			
Adex TA 100	Emulsion of polyacrylates derivatives							•			•	•	•	acid to alkaline	40%	Liquid	Rheology modifier, emulsifier and stabiliser for O/W emulsions. Pre-neutralised, liquid polymer, with a broad pH stability. Extremely versatile and compatible with several types of oil phase.			
Adex 1016	Non-ionic aliphatic polyurethane in hydro-glycolic solution		•	•		•					•			acid to alkaline	40%	Liquid	Non-ionic polyurethane thickener, suitable for clear formulations. High pH tolerance and excellent chemical compatibility with surfactants (also cationics). Easy to formulate, without neutralisation steps.			
Adex PU 50	Non-ionic aliphatic polyurethane, ethoxylated alcohol	•	•	•		•					•	•	•	acid to alkaline	50%	Solid	Non-ionic polyurethane thickener, suitable for clear formulations. High pH tolerance and excellent chemical compatibility with surfactants (also cationics). Versatile across several applications, in laundry products it can help suspending particulate soil in washing baths, as well as reducing electrostatic charges on synthetic fabrics. Easy to formulate, without neutralisation steps.			

DISPERSING AND ANTI-REDEPOSITION AGENTS

Product	Composition	Application										Function	Average molecular weight (Da)	Active matter	Physical form	Description
		Laundry detergents	Laundry softeners	Hard surface cleaners	Dishwashing	Vehicle care	Low-foam cleaners & rinse-aids	Polishes	Concentrated, anhydrous formulations	Dispersing & antiredeposition						
Adex TL5	Acrylic-maleic copolymer	•			•		•				•	85000	40%	Liquid	Dispersant for soils and insoluble builders, suitable for laundry and dishwashing applications. Thanks to its dispersing properties, it can support anti-greying effects on fabrics. Very effective also in dishwasher detergents, it helps to boost detergency, preventing redeposition of soil and salts contained in hard water.	
Adex HS	Polyacrylic Na			•	•	•	•				•	2500	40%	Liquid	Recommended as scale inhibitor and dispersing agent for organic and inorganic solids in I&I. It can boost detergency and keep soil redeposition to a minimum.	
Adex D50	Polyacrylic Na	•			•		•				•	4500	40%	Liquid	Ideal for laundry and dishwashers products, they can reduce precipitation of soil and inorganic salts into washing baths. They can also minimise their adherence on surfaces and facilitate particles elimination by rinsing. Adex D50A is suitable also for products containing active chlorine.	
Adex D50A	Polyacrylic Na	•			•		•				•	4500	48%	Liquid		
Adex BV 4	Polyacrylic Na	•		•		•	•				•	7000	45%	Liquid	Suggested as dispersing agent in laundry detergents and industrial cleaners, keeping inorganic particles and soils suspended. As scale inhibitor, it can control incrustation in hard-water conditions, ensuring cleaner fabrics and equipment.	
Adex 2999	Polyacrylic Na			•		•	•				•	80000	28%	Liquid	High-performance dispersing agent. Suitable for surface cleaning and I&I applications, especially in case of severe water hardness or demanding applications.	
Adex DV 605	Acrylic-vinyl copolymer			•		•	•				•	30000	20%	Liquid	Recommended for surface cleaning and I&I. It can effectively disperse mineral particles and prevent re-agglomeration. It also helps creating a barrier that keeps particulate soils suspended in the wash liquor, rather than re-depositing on surfaces.	

Lamberti certification and more.





For more information please contact:

Home and Personal Care Headquarter

Via Marsala, 38/d

21013 Gallarate (VA) | Italy

T + 39 0331 715 824 | cosmetics@lamberti.com

personalcare.lamberti.com