

PERSONAL CARE

GLOBAL PRODUCT LIST



ZSCHIMMER & SCHWARZ







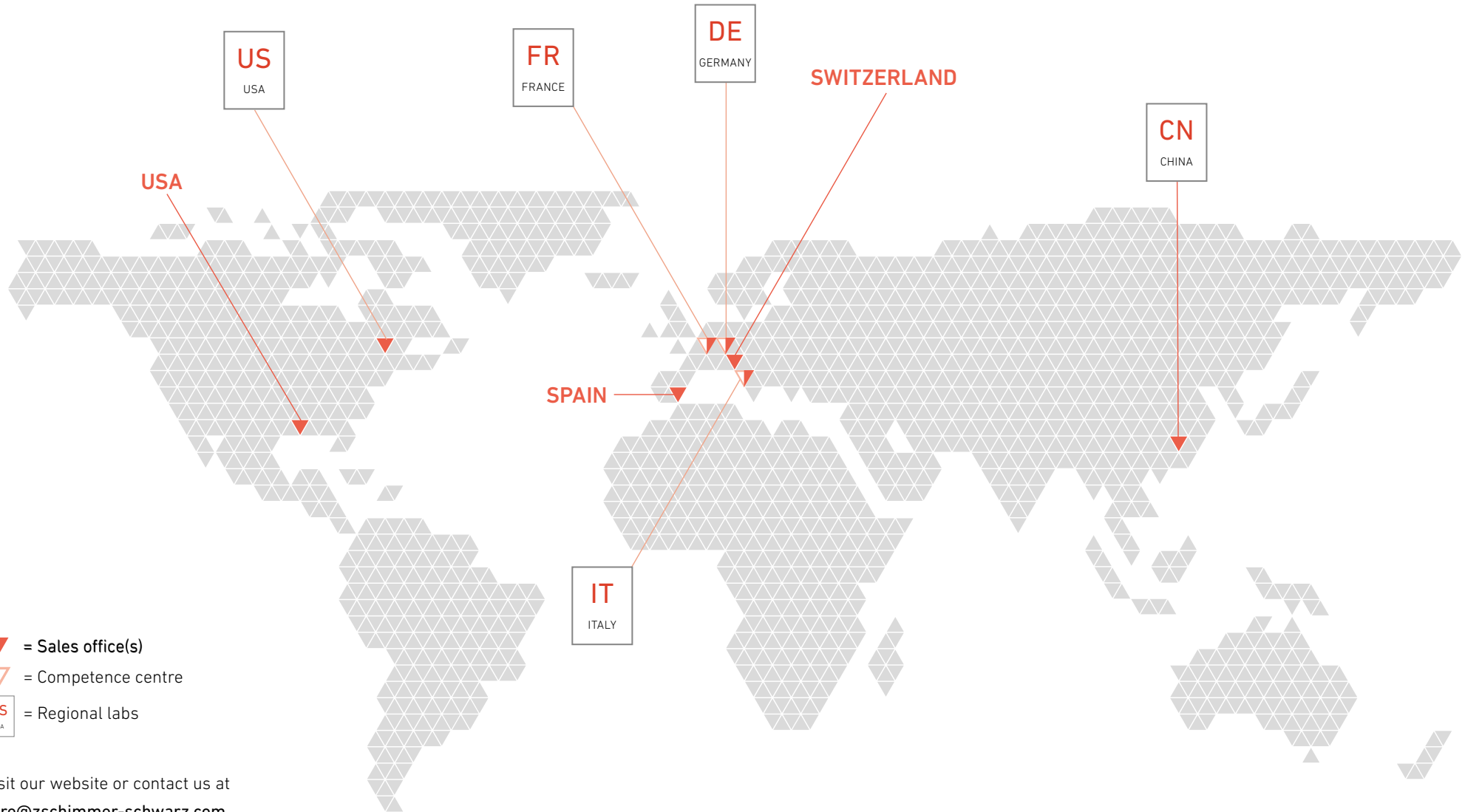




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Visit our website or contact us at care@zschimmer-schwarz.com to discover our representatives and distributors around the world.

A FAMILY BUSINESS WITH A GLOBAL FORMULA FOR SUCCESS

Zschimmer & Schwarz is a global supplier of chemical auxiliaries and specialties headquartered in Lahnstein near Koblenz, Germany. The family business was founded in Chemnitz in 1894 and is positioned across industries with different business divisions. The company develops, produces and distributes tailor-made chemical auxiliaries for the leather, fur, ceramic, textile and chemical fibre industries. Manufacturers of cleaning agents, personal care products, paints and coatings, lubricants and industrial applications all over the world trust the company's chemical specialties as well. The corporate group Zschimmer & Schwarz comprises 28 companies in 16 countries on five continents, 20 of which have their own production facilities.

The Personal Care Division of the company is dedicated to developing new solutions for skin and hair care, colour cosmetics and toiletries. An extensive portfolio, a strong focus on service, flexibility and responsible stewardship of the environment make Zschimmer & Schwarz your perfect partner for creating personal care products that the markets desire.

We have bundled our expertise and know-how in competence centres. Developing projects from the first idea to the final solution, all of them offer application support and generate ideas backed by constant market analysis. Thanks to a constant exchange of knowledge, the different geographical locations and the individual fields of expertise of our competence centres, our experts can advise multinationally operating customers on trends for different markets.

OUR COMPETENCE CENTRES

HAIR & SKIN PREMIUM (LAHNSTEIN, GERMANY):

Our ZETESAP line is the perfect basis for soap-free cleansing bars, and our LUMOROL surfactant blends allow our customers to produce sophisticated rinse-off formulations such as mild shampoo or shower gel. With our focus on multi-functionality and efficiency, we develop tailor-made specialties and formulate premium and luxury products to meet ever-changing market requirements.

SKIN CARE (TRICERRO, ITALY):

Thanks to our skin care portfolio – from the high-quality ZETEMOL emollients to the sophisticated emulsifiers of the SEBUMOL (W/O) and PROTELAN (O/W) product lines – we develop formulations that help our customers create the desired features of a cosmetic product.

COLOUR COSMETICS (WISSEMBOURG, FRANCE):

The high-performance polymers of our SYNTRAN® line and our first-class ZETEMOL emollients are functional ingredients that help our customers create perfect advanced make-up formulations.



EMULSIFIERS

The pleasant skin sensation as well as the stability of cosmetic emulsions like hand cream, body lotion or serum strongly depend on the formulation's emulsifier system. Our MULSIFAN, PROTELAN and SEBUMOL product lines offer formulators a wide-ranging portfolio of solutions to satisfy virtually all of their needs.

SOLUBILISERS

Solubilisers are used to produce clear aqueous solutions of different oils. Thus, they allow you to choose the perfect match of oil components to create the desired sensorial effect, such as a fragrance or a specific skin feel.



EMULSIFIERS

HOT PROCESS

TRADE NAME	INCI	ACTIVE MATTER [%]	CLASSIFICATION	PHYSICAL FORM @ 25 °C
PROTELAN				
PROTELAN ENS - RSP0 - MB	Glyceryl Stearate, Cetearyl Alcohol, Stearic Acid, Sodium Lauroyl Glutamate	100	Anionic	Flakes
PROTELAN ESG	Glyceryl Stearate, Cetearyl Alcohol, Sodium Stearoyl Glutamate	100	Anionic	Flakes
PROTELAN NMF	Glyceryl Stearate, Cetearyl Alcohol, Sodium Lauroyl Glutamate, Sodium Stearoyl Lactylate	100	Anionic/Nonionic	Flakes
MULSIFAN				
MULSIFAN CB	Beheneth-10	100	Nonionic	Wax
MULSIFAN CCA 22	Ceteareth-22	100	Nonionic	Wax
MULSIFAN CGM 165	Glyceryl Stearate, PEG-100 Stearate	100	Nonionic	Pellets
MULSIFAN CLA 09 PH	Laureth-9	100	Nonionic	Paste
MULSIFAN COL 20	Cetoleth-20	97	Nonionic	Wax
MULSIFAN CPA	Laureth-4	100	Nonionic	Liquid
MULSIFAN CSA 02	Steareth-2	100	Nonionic	Pellets
MULSIFAN CSA 20	Steareth-20	100	Nonionic	Pellets
MULSIFAN CSA 21	Steareth-21	100	Nonionic	Pellets
SEBUMOL				
SEBUMOL PGPR	Polyglyceryl-3 Polyricinoleate	100	Nonionic	Liquid
SEBUMOL WO 300	Polyglyceryl-3 Polyricinoleate, Polyglyceryl-4 Oleate, Propanediol	100	Nonionic/Anionic	Liquid

PROPERTIES	APPLICATIONS					CERTIFICATIONS		
	CLEANSING	SKIN CARE	HAIR CARE	BABY CARE	SUN CARE	COLOUR COSMETICS	COSMOS	RSPO
Self-emulsifying base of 100% natural origin which provides a soft and silky touch to cosmetics; EO- and PEG-free; for medium- to highly viscous O/W emulsions		▲		▲	▲	▲	▲	▲
Self-emulsifying base of 100% natural origin which provides a soft and silky touch to cosmetics; EO- and PEG-free; for medium- to highly viscous O/W emulsions		▲		▲	▲	▲	▲	
Self-emulsifying base of 100% natural origin which provides a soft and silky touch to cosmetics; EO- and PEG-free; for medium- to highly viscous O/W emulsions		▲		▲	▲	▲	▲	
Versatile O/W emulsifier; creates medium- to highly viscous, very stable emulsions (HLB: 10)		▲		▲	▲			
O/W emulsifier (HLB: 16)		▲		▲	▲			
O/W emulsifier (HLB: 11)		▲		▲	▲			
O/W emulsifier in compliance with the European Pharmacopoeia 7.8 (2013)		▲		▲	▲			
O/W emulsifier (HLB: 15)		▲		▲	▲			
Emulsifier for O/W systems with good dispersing properties (HLB: 9)		▲		▲	▲			▲
O/W emulsifier; recommended to be used in combination with MULSIFAN CSA 20 (HLB: 5)		▲		▲	▲			▲
O/W emulsifier; usage in combination with MULSIFAN CSA 02 is recommended (HLB: 15)		▲		▲	▲			▲
O/W emulsifier (HLB: 15–16)		▲		▲	▲			▲
PEG-free W/O emulsifier		▲		▲	▲	▲		
PEG-free W/O emulsifier for polar oil phases		▲		▲	▲	▲		

EMULSIFIERS

HOT PROCESS

TRADE NAME	INCI	ACTIVE MATTER [%]	CLASSIFICATION	PHYSICAL FORM @ 25 °C
ZETEMULS				
ZETEMULS B20	Ceteareth-20	100	Nonionic	Flakes
ZETEMULS HC PLUS	Glyceryl Stearate, Cetearyl Alcohol, Stearamidopropyl Dimethylamine, Myristyl Lactate, Behentrimonium Chloride	100	Cationic	Flakes
ZETEMULS SLL	Sodium Steroyl Lactylate	100	Anionic	Flakes

COLD PROCESS

SEBUMOL				
SEBUMOL PGPR	Polyglyceryl-3 Polyricinoleate	100	Nonionic	Liquid
PROTELAN				
PROTELAN AG 37*	Disodium Cocoyl Glutamate, Sodium Cocoyl Glutamate	25	Anionic	Liquid
PROTELAN AG 915 SF	Sodium Cocoyl Glutamate	24	Anionic	Liquid
PROTELAN AGE	Disodium Cocoyl Glutamate	35	Anionic	Liquid
PROTELAN AGE - C*	Disodium Cocoyl Glutamate	50	Anionic	Liquid

SOLUBILISERS

TRADE NAME	INCI	ACTIVE MATTER [%]	CLASSIFICATION	PHYSICAL FORM @ 25 °C
TURKEY RED OIL				
TURKEY RED OIL	Sulfated Castor Oil	86	Anionic	Liquid
ZETEMULS				
ZETEMULS COH 40	PEG-40 Hydrogenated Castor Oil	96	Nonionic	Soft Paste
ZETEMULS RT 141	Polysorbate 20	100	Nonionic	Liquid

* Soon available as "RSPO MB" version

PROPERTIES	APPLICATIONS						CERTIFICATIONS	
	CLEANSING	SKIN CARE	HAIR CARE	BABY CARE	SUN CARE	COLOUR COSMETICS	COSMOS	RSPO
O/W emulsifier		▲						
Self-emulsifying base which provides an excellent conditioning and hair repair effect; EO- and PEG-free			▲					
O/W emulsifier with high compatibility with the skin		▲		▲			▲	
PEG-free W/O emulsifier		▲		▲	▲			
Easy-to-use O/W emulsifier; moisturising agent; highly concentrated; does not contain propylene glycol	▲	▲	▲	▲	▲	▲	▲	
Easy-to-use O/W emulsifier; moisturising agent; solvent-free	▲	▲	▲	▲	▲	▲	▲	▲
Easy-to-use O/W emulsifier; moisturising agent	▲	▲	▲	▲	▲	▲	▲	
Easy-to-use O/W emulsifier with high concentration; moisturising agent	▲	▲	▲	▲	▲	▲	▲	

PROPERTIES	APPLICATIONS						CERTIFICATIONS	
	CLEANSING	SKIN CARE	HAIR CARE	BABY CARE	SUN CARE	COLOUR COSMETICS	COSMOS	RSPO
Solubiliser for essential oils; offers emollient effects	▲		▲	▲			▲	
Solubiliser for essential oils	▲		▲	▲				
Solubiliser for essential oils	▲		▲	▲				



EMOLLIENTS

Emollients are the heart of cosmetic preparations and influence skin feel as well as the overall product performance. Our comprehensive range of emollients offers different solutions to create unique textures and to enhance the emolliency as well as the hydration properties of leave-on preparations. In make-up formulations, our emollients help to improve pigment wetting as well as film-forming and colour development properties.



EMOLLIENTS

TRADE NAME	INCI	ACTIVE MATTER [%]	CLASSIFICATION	PHYSICAL FORM @ 25 °C
OXYPON				
OXYPON 288	PEG-10 Olive Glycerides	100	Nonionic	Liquid
OXYPON 328	PEG-26 Jojoba Acid, PEG-26 Jojoba Alcohol	100	Nonionic	Wax
OXYPON 365	PEG-11 Avocado Glycerides	100	Nonionic	Liquid
OXYPON 401	PEG-9 Coco Glycerides	100	Nonionic	Liquid
OXYPON 440	PEG-75 Lanolin	50	Nonionic	Liquid
OXYPON 2145	PEG-15 Glyceryl Isostearate	100	Nonionic	Liquid
OXYPON SP 15	PPG-15 Stearyl Ether	100	Nonionic	Liquid
SEBUMOL				
SEBUMOL LPC*	Lauryl PCA	100	Nonionic	Wax
SEBUMOL ODPC	Octyldodecyl PCA	100	Nonionic	Liquid
SEBUMOL SPC	Isostearyl PCA	100	Nonionic	Liquid
ZETEMOL				
ZETEMOL 2IS	Isostearyl Isostearate	100	Nonionic	Liquid
ZETEMOL 512	Isoamyl Laurate	100	Nonionic	Liquid
ZETEMOL 518	Isostearyl Neopentanoate	100	Nonionic	Liquid
ZETEMOL 5418	Pentaerythrityl Tetraisoate	100	Nonionic	Liquid

* Soon available as "RSPO MB" version



PROPERTIES	APPLICATIONS					CERTIFICATIONS		
	CLEANSING	SKIN CARE	HAIR CARE	BABY CARE	SUN CARE	COLOUR COSMETICS	COSMOS	RSPO
Emollient based on natural olive oil with a pleasant skin feel; can significantly lower the irritation potential of anionic surfactants	▲		▲	▲				
Emollient based on natural jojoba oil with a pleasant skin feel; can significantly lower the irritation potential of anionic surfactants	▲		▲	▲				
Emollient based on natural avocado oil with a pleasant skin feel; can significantly lower the irritation potential of anionic surfactants	▲		▲	▲				
Emollient based on natural coconut oil with a pleasant skin feel; can significantly lower the irritation potential of anionic surfactants	▲		▲	▲				
Emollient which offers a pleasant skin feel	▲		▲	▲				
Emollient based on glyceryl isostearate with a pleasant skin feel; can significantly lower the irritation potential of anionic surfactants	▲		▲	▲				
Versatile emollient that acts as a lubricant on the skin's surface; very highly polar, viscous oil with medium spreading and excellent solvent properties for active ingredients	▲		▲	▲				
Emollient which provides smoothness and moisturising effects along with pigment-dispersing properties	▲	▲	▲	▲		▲		
Emollient which provides smoothness and moisturising effects along with pigment-dispersing properties	▲	▲	▲	▲		▲		
Emollient which provides smoothness and moisturising effects along with pigment-dispersing properties	▲	▲	▲	▲		▲		
Emollient with highly moisturising properties; provides a cushiony effect		▲		▲		▲	▲	
Emollient with velvety touch; good dispersing agent for pigments		▲		▲		▲		
Low-viscosity emollient with good playtime and a silky touch		▲		▲		▲		
Emollient with skin moisture barrier effects		▲	▲			▲		

EMOLLIENTS

TRADE NAME	INCI	ACTIVE MATTER [%]	CLASSIFICATION	PHYSICAL FORM @ 25 °C
ZETEMOL				
ZETEMOL 99	Isononyl Isononanoate	100	Nonionic	Liquid
ZETEMOL AB	C12-15 Alkyl Benzoate	100	Nonionic	Liquid
ZETEMOL AL - RSPO - MB	Myristyl Lactate	100	Nonionic	Paste
ZETEMOL CSO	Cetearyl Ethylhexanoate	100	Nonionic	Liquid
ZETEMOL DO	Decyl Oleate	100	Nonionic	Liquid
ZETEMOL GTCC	Caprylic/Capric Triglyceride	100	Nonionic	Liquid
ZETEMOL HE	PEG-7 Glyceryl Cocoate	100	Nonionic	Liquid
ZETEMOL MM - RSPO - MB	Myristyl Myristate	100	Nonionic	Solid
ZETEMOL OC	Ethylhexyl Cocoate	100	Nonionic	Liquid
ZETEMOL OE	Dicaprylyl Ether	100	Nonionic	Liquid
ZETEMOL OL	Ethylhexyl Laurate	100	Nonionic	Liquid
ZETEMOL OLO	Oleyl Oleate	100	Nonionic	Liquid
ZETEMOL OP - RSPO - MB	Ethylhexyl Palmitate	100	Nonionic	Liquid
ZETEMOL OS - RSPO - MB	Ethylhexyl Stearate	100	Nonionic	Liquid
ZETEMOL OSB	Diethylhexyl Sebacate	100	Nonionic	Liquid

PROPERTIES	APPLICATIONS					CERTIFICATIONS		
	CLEANSING	SKIN CARE	HAIR CARE	BABY CARE	SUN CARE	COLOUR COSMETICS	COSMOS	RSPO
Emollient with a light and silky touch; non-greasy		▲		▲		▲		
Cost-effective emollient, highly recommended as chemical sunscreen solubiliser		▲	▲	▲	▲			
Emollient with conditioning properties; helps to increase viscosity in surfactant solutions	▲	▲	▲	▲			▲	▲
Emollient with a light and silky touch; non-greasy		▲		▲	▲	▲		
Medium-spreading emollient with good stability at high pH values		▲	▲	▲			▲	
Medium-spreading emollient, based on renewable sources		▲		▲		▲	▲	
Water-soluble polyol fatty acid ester with super-fatting properties	▲		▲	▲				
Emollient with conditioning properties; helps to improve combability and smoothness of the hair		▲	▲	▲			▲	▲
Emollient with a light and silky touch; non-greasy		▲		▲	▲	▲		
Emollient with dry skin feel and high spreadability		▲	▲	▲			▲	
Emollient with a light and silky touch; non-greasy		▲		▲		▲		
Emollient with low spreadability; good barrier effect		▲			▲		▲	
Medium-spreading emollient with a dry, velvety skin feel; non-occlusive		▲		▲	▲	▲		▲
Medium-spreading emollient with a dry, velvety skin feel; non-occlusive		▲		▲	▲	▲		▲
Excellent emollient and good sunscreen solubiliser		▲		▲	▲	▲		

SURFACTANTS



SPECIAL MILD SURFACTANTS

Customers are no longer looking for cleansing only – they want multi-benefit products. When extra mild, gentle and skin- or hair-friendly cleansing is required, formulators can find plenty of solutions within our PROTELAN and LUMOROL product lines. We offer a wide range of COSMOS-certifiable ingredients, products which are highly natural as well as different foaming systems for a perfect sensory perception.

SPECIAL SURFACTANT BLENDS

Once a decision has been made in favour of either a bath oil or a shower oil, the focus – apart from cleansing – is on skin care. With their special composition of powerful emulsifiers and high-quality oils, shower and bath oils create an unforgettable care and wellness experience.

Thanks to our LUMOROL range, customers can design extra mild formulas with a high amount of oil that can be easily incorporated. As a result, the final product leaves the skin soft and moisturised after showering.





SURFACTANTS

TRADE NAME	INCI	ACTIVE MATTER [%]	CLASSIFICATION	PHYSICAL FORM @ 25 °C
AMPHOTENSID				
AMPHOTENSID AB - RSPO - MB	Coco Betaine	30	Amphoteric	Liquid
AMPHOTENSID B SERIE	Cocamidopropyl Betaine	30/40	Amphoteric	Liquid
AMPHOTENSID COX/MC	Cocamidopropylamine Oxide	37	Amphoteric	Liquid
AMPHOTENSID GB 2009 CONC	Disodium Cocoamphodiacetate	39	Amphoteric	Liquid
PROTELAN				
PROTELAN 1430	Sodium Myristoyl Sarcosinate	26	Anionic	Liquid
PROTELAN AG 37*	Disodium Cocoyl Glutamate, Sodium Cocoyl Glutamate	25	Anionic	Liquid
PROTELAN AG 8 - EC	Disodium Capryloyl Glutamate	33.5	Anionic	Liquid
PROTELAN AG 915 SF*	Sodium Cocoyl Glutamate	24	Anionic	Liquid
PROTELAN AGE	Disodium Cocoyl Glutamate	35	Anionic	Liquid
PROTELAN AGE - C	Disodium Cocoyl Glutamate	50	Anionic	Liquid
PROTELAN AGL 95*	Sodium Lauroyl Glutamate	38	Anionic	Liquid
PROTELAN AGL 95 - EC	Sodium Lauroyl Glutamate	50	Anionic	Liquid
PROTELAN AGL 95 PV	Sodium Lauroyl Glutamate	> 90	Anionic	Powder

* Soon available as "RSPO MB" version

PROPERTIES	APPLICATIONS					CERTIFICATIONS		
	CLEANSING	SKIN CARE	HAIR CARE	BABY CARE	SUN CARE	COLOUR COSMETICS	COSMOS	RSPO
Mild, versatile co-surfactant with high foam persistancy	▲		▲	▲			▲	▲
Mild, versatile co-surfactant with good and stable foaming properties over a wide pH range	▲		▲	▲			▲	▲
Co-surfactant with good foaming power even in hard water	▲		▲					
Very mild surfactant with good foaming properties over a wide pH range	▲		▲	▲			▲	
Ultra-mild surfactant, viscosity booster at pH 5.5	▲		▲	▲				
Very mild surfactant based on renewable raw materials	▲	▲	▲	▲			▲	
Very mild surfactant with deodorising effect	▲		▲	▲			▲	
Very mild surfactant based on renewable raw materials	▲	▲	▲	▲			▲	▲
Very mild surfactant based on renewable raw materials	▲	▲	▲	▲		▲		
Very mild surfactant based on renewable raw materials	▲	▲	▲	▲		▲	▲	
Very mild surfactant based on renewable raw materials; improves skin compatibility of formulations containing anionic, nonionic and amphoteric surfactants	▲		▲	▲				▲
Very mild surfactant based on renewable raw materials; improves skin compatibility of formulations containing anionic, nonionic and amphoteric surfactants	▲		▲	▲			▲	▲
Very mild surfactant based on renewable raw materials; improves skin compatibility of formulations containing anionic, nonionic and amphoteric surfactants	▲		▲	▲			▲	

SURFACTANTS

TRADE NAME	INCI	ACTIVE MATTER [%]	CLASSIFICATION	PHYSICAL FORM @ 25 °C
PROTELAN				
PROTELAN GC	Sodium Cocoyl Glycinate	23	Anionic	Liquid
PROTELAN GC/POWDER	Sodium Cocoyl Glycinate	100	Anionic	Powder
PROTELAN GG	Sodium Cocoyl Glycinate, Sodium Cocoyl Glutamate	30	Anionic	Liquid
PROTELAN LS 9011/C	Sodium Cocoyl Sarcosinate	29	Anionic	Liquid
PROTELAN LS 9011/SL	Sodium Lauroyl Sarcosinate	29	Anionic	Liquid
PROTELAN MGL - EC	Sodium Myristoyl Glutamate	25	Anionic	Liquid
PROTELAN MST 35	Sodium Myristoyl Sarcosinate, Sodium Methyl Cocoyl Taurate	33	Anionic	Liquid
PROTELAN VE/K NP	Sodium Cocoyl Hydrolyzed Wheat Protein, Disodium Cocoyl Glutamate	28	Anionic	Liquid
PURTON				
PURTON C12	Lauryl Glucoside	50	Nonionic	Liquid
PURTON C810	Caprylyl/Capryl Glucoside	60	Nonionic	Liquid
PURTON C816	Decyl Glucoside	55	Nonionic	Liquid
PURTON C818	Coco Glucoside	50	Nonionic	Liquid
SETACIN				
SETACIN 103 SB	Disodium Laureth Sulfosuccinate	40	Anionic	Liquid
SETACIN 103 SPEZIAL NP	Disodium Laureth Sulfosuccinate	29	Anionic	Liquid
SETACIN F SPEZIAL PASTE	Disodium Lauryl Sulfosuccinate	34	Anionic	Paste



PROPERTIES	APPLICATIONS					CERTIFICATIONS		
	CLEANSING	SKIN CARE	HAIR CARE	BABY CARE	SUN CARE	COLOUR COSMETICS	COSMOS	RSPO
Ultra-mild anionic surfactant with creamy and stable foam	▲		▲	▲				
Ultra-mild anionic surfactant with creamy and stable foam	▲		▲	▲				
Ultra-mild anionic surfactant blend with creamy and stable foam; easy handling	▲		▲	▲				
Ultra-mild surfactant, viscosity booster at pH 5.5	▲			▲				▲
Ultra-mild surfactant, viscosity booster at pH 5.5	▲			▲				▲
Very mild surfactant with good conditioning power	▲		▲	▲			▲	
Very mild surfactant blend with excellent foaming power	▲		▲	▲			▲	
Mild surfactant blend based on proteins and aminoacids	▲		▲	▲			▲	
Nonionic surfactant suitable for various cosmetic cleansing preparations	▲			▲			▲	▲
Nonionic surfactant with excellent solubilising properties, suitable for various cosmetic cleansing preparations	▲			▲			▲	▲
Nonionic surfactant with excellent solubilising properties, suitable for various cosmetic cleansing preparations	▲			▲			▲	▲
Nonionic surfactant suitable for various cosmetic cleansing preparations	▲			▲			▲	▲
Co-surfactant which improves mildness of SLES	▲		▲	▲				▲
Mild co-surfactant with stable and creamy foam	▲		▲	▲				▲
Mild co-surfactant with high emulsifying and foaming properties	▲		▲	▲				

SURFACTANTS

TRADE NAME	INCI	ACTIVE MATTER [%]	CLASSIFICATION	PHYSICAL FORM @ 25 °C
SULFETAL				
SULFETAL C 90/C	Sodium Coco-Sulfate	90	Anionic	Solid
SULFETAL C 90 POWDER	Sodium Lauryl Sulfate	90	Anionic	Powder/Needles
SULFETAL CA*	Ammonium Coco-Sulfate	27	Anionic	Liquid
SULFETAL LA*	Ammonium Lauryl Sulfate	27	Anionic	Liquid
SULFETAL LM*	MEA-Lauryl Sulfate	27	Anionic	Liquid
SULFETAL LS*	Sodium Lauryl Sulfate	28	Anionic	Liquid
SULFETAL LS 40 T	Sodium Coco-Sulfate	36	Anionic	Paste
SULFETAL LT	TEA-Lauryl Sulfate	40	Anionic	Liquid
SULFETAL MG*	Magnesium Lauryl Sulfate	25	Anionic	Liquid
SULFETAL TC 50	Sodium C12-18 Alkyl Sulfate	59	Anionic	Paste
SULFETAL ZN	Zinc Coco-Sulfate	28	Anionic	Liquid
ZETESOL				
ZETESOL 250*	Sodium Laureth Sulfate	50	Anionic	Liquid
ZETESOL 270/N	Sodium Laureth Sulfate	70	Anionic	Paste
ZETESOL 370/N	Sodium Laureth Sulfate	70	Anionic	Paste
ZETESOL AN 27	Sodium Laureth Sulfate	27	Anionic	Liquid
ZETESOL AN/70	Sodium Laureth Sulfate	70	Anionic	Paste
ZETESOL LA*	Ammonium Laureth Sulfate	25	Anionic	Liquid
ZETESOL LA 370	Ammonium Laureth Sulfate	70	Anionic	Paste
ZETESOL LES 2*	Sodium Laureth Sulfate	27	Anionic	Liquid
ZETESOL LES 2/C	Sodium Coceth Sulfate	27	Anionic	Liquid
ZETESOL LES 3*	Sodium Laureth Sulfate	27	Anionic	Liquid
ZETESOL MG*	Magnesium Laureth Sulfate	25	Anionic	Liquid
ZETESOL MG/C*	Magnesium Coceth Sulfate	25	Anionic	Liquid

* A variety of concentrations with different preservative systems and different neutralisation are available on request

PROPERTIES	APPLICATIONS					CERTIFICATIONS		
	CLEANSING	SKIN CARE	HAIR CARE	BABY CARE	SUN CARE	COLOUR COSMETICS	COSMOS	RSPO
Highly foaming primary surfactant	▲		▲				▲	
Highly foaming primary surfactant	▲		▲				▲	
Highly foaming, easy-to-thicken primary surfactant	▲		▲				▲	
Highly foaming, easy-to-thicken primary surfactant	▲		▲				▲	▲
Primary surfactant providing rich and creamy foam	▲		▲				▲	
Highly foaming, easy-to-thicken primary surfactant	▲		▲				▲	▲
Primary surfactant providing rich and creamy foam	▲		▲				▲	
Highly foaming primary surfactant	▲		▲				▲	▲
Highly foaming primary surfactant, suitable for sensitive skin	▲		▲	▲			▲	
Primary surfactant with excellent cleansing and lathering power	▲		▲				▲	
Primary surfactant with good foaming and antimicrobial properties	▲		▲	▲			▲	
Primary surfactant with 2 moles EO	▲		▲					
Primary surfactant with 2 moles EO	▲		▲					▲
Primary surfactant with 3 moles EO	▲		▲					▲
Primary surfactant with 1 mole EO	▲		▲					
Primary surfactant with 1 mole EO	▲		▲					▲
Primary surfactant with 3 moles EO	▲		▲					
Primary surfactant with 3 moles EO	▲		▲					
Primary surfactant with 2 moles EO	▲		▲					▲
Primary surfactant with 2 moles EO	▲		▲					
Primary surfactant with 3 moles EO	▲		▲					▲
Mild surfactant with 2 moles EO; suitable for sensitive skin	▲		▲	▲				
Mild surfactant with 2 moles EO; suitable for sensitive skin	▲		▲	▲				

SURFACTANTS

TRADE NAME	INCI	ACTIVE MATTER [%]	CLASSIFICATION	PHYSICAL FORM @ 25 °C
ZETESOL				
ZETESOL MGS*	Magnesium Laureth Sulfate, Disodium Laureth Sulfosuccinate	24	Anionic	Liquid
ZETESOL TP 300	TIPA-Laureth Sulfate, Propylene Glycol	87	Anionic	Liquid
ZETESOL ZN	Zinc Coceth Sulfate	25	Anionic	Liquid

SOAPS

TRADE NAME	INCI	ACTIVE MATTER [%]	CLASSIFICATION	PHYSICAL FORM @ 25 °C
FLEROGUM				
FLEROGUM K 38 - E	Potassium Cocoate	30	Anionic	Liquid
FLEROGUM LX - E	Potassium Laurate	30	Anionic	Liquid
FLEROGUM O 24	Potassium Oleate	20	Anionic	Liquid
FLEROGUM O 24 - E	Potassium Olivatate	20	Anionic	Liquid
FLEROGUM OK 46	Potassium Cocoate, Potassium Oleate	28	Anionic	Liquid

* A variety of concentrations with different preservative systems and different neutralisation are available on request

PROPERTIES	APPLICATIONS						CERTIFICATIONS	
	CLEANSING	SKIN CARE	HAIR CARE	BABY CARE	SUN CARE	COLOUR COSMETICS	COSMOS	RSPO
Surfactant blend which shows good foaming and thickening properties	▲		▲	▲				
Surfactant blend for the formulation of shower oils	▲		▲	▲				▲
Mild surfactant with 3 moles EO; good foaming and antimicrobial properties	▲		▲	▲				

PROPERTIES	APPLICATIONS						CERTIFICATIONS	
	CLEANSING	SKIN CARE	HAIR CARE	BABY CARE	SUN CARE	COLOUR COSMETICS	COSMOS	RSPO
Liquid soap with good cleansing capacities and foam control properties	▲			▲			▲	▲
Liquid soap with good cleansing capacities and foam control properties	▲			▲			▲	
Liquid soap with good cleansing capacities and foam control properties	▲			▲			▲	
Liquid soap with good cleansing capacities and foam control properties	▲			▲			▲	
Liquid soap with good cleansing capacity and foam control properties	▲			▲				

BLEND

TRADE NAME	INCI	ACTIVE MATTER [%]	CLASSIFICATION	PHYSICAL FORM @ 25 °C
LUMOROL				
LUMOROL CMS	Disodium Cocoamphodiacetate, Sodium Myristoyl Sarcosinate, Sodium Lauryl Sulfoacetate, Glycerin, Urea	39	Anionic	Liquid
LUMOROL K 52	MIPA-Lauryl Sulfate, Disodium Laureth Sulfosuccinate, C12-15 Pareth-12, Cocamidopropyl Betaine, PEG-90 Glyceryl Isostearate, Soyamide DEA, Laureth-2	54	Anionic	Liquid
LUMOROL K 1000	MIPA-Laureth Sulfate, Laureth-4, Cocamide DEA	98	Anionic	liquid
LUMOROL K 1056	MIPA-Laureth Sulfate, Cocamidopropyl Betaine	47	Anionic	Liquid
LUMOROL K 5019	Disodium Laureth Sulfosuccinate, Sodium Lauryl Sulfoacetate	40	Anionic	Liquid
LUMOROL K 5229	MIPA-Laureth Sulfate, Laureth-4, Propylene Glycol	93	Anionic	Liquid
LUMOROL K 5240	Sodium Laureth Sulfate, Cocamidopropyl Betaine, Disodium Laureth Sulfosuccinate, PEG-9 Cocoglycerides	66	Anionic	Paste
LUMOROL K 5303	Sodium Lauroyl Sarcosinate, Sodium Lauryl Sulfoacetate	30	Anionic	Liquid
LUMOROL K 5601	Cocamidopropyl Betaine, Sodium Lauryl Sulfoacetate, Sodium Lauroyl Sarcosinate	32	Anionic	Liquid
LUMOROL K NATURAL	Sodium Coco-Sulfate, Lauryl Glucoside, Disodium Cocoyl Glutamate, Alcohol, Caprylyl/Capryl Glucoside	45	Anionic	Liquid
LUMOROL LA-B	Ammonium Lauryl Sulfate, Ammonium Laureth Sulfate	23	Anionic	Liquid
SEBUMOL				
SEBUMOL B 1000	Polyglyceryl-3 Polyricinoleate, Polyglyceryl-3 Diisostearate, Sulfated Castor Oil, Polyglyceryl-3 Caprate	100	Nonionic/Anionic	Liquid

PROPERTIES	APPLICATIONS					CERTIFICATIONS		
	CLEANSING	SKIN CARE	HAIR CARE	BABY CARE	SUN CARE	COLOUR COSMETICS	COSMOS	RSPO
Ready-to-use blend based on ultra-mild surfactants	▲		▲	▲				
Surfactant blend creating stable lather with fine bubbles; good skin and eye compatibility	▲		▲					
Water-free surfactant blend for oil shower formulations; dilution with water creates O/W emulsion	▲		▲					▲
Highly concentrated and easy-to-dissolve surfactant blend with excellent foaming properties; easy to thicken by adding sodium chloride	▲		▲					▲
Mild surfactant blend with excellent foaming properties; very mild to the skin	▲		▲	▲				
Blend of anionic and nonionic surfactants for oil showers	▲		▲					▲
Highly concentrated and easy-to-dissolve surfactant blend with excellent foaming properties	▲		▲					
SLES- and PEG-free surfactant blend with good foaming properties and viscosity control	▲		▲	▲				
Ready-to-use blend based on ultra-mild surfactants	▲		▲	▲				
Ready-to-use blend based on ultra-mild surfactants	▲		▲				▲	
Blend of primary surfactants	▲		▲	▲				
PEG-free blend for oil bath formulations with an intensive caring effect on the skin; helps to solubilise vegetable and/or synthetic oils	▲			▲			▲	



SYNDETS

Although syndet bars look like traditional soap bars, their composition differs completely, and they provide different properties as well as a variety of advantages. ZETESAP syndet bases are designed to impart specific properties like mildness, rinsability or lathering to the formulation and allow to adjust the pH value to be more compatible with the skin.

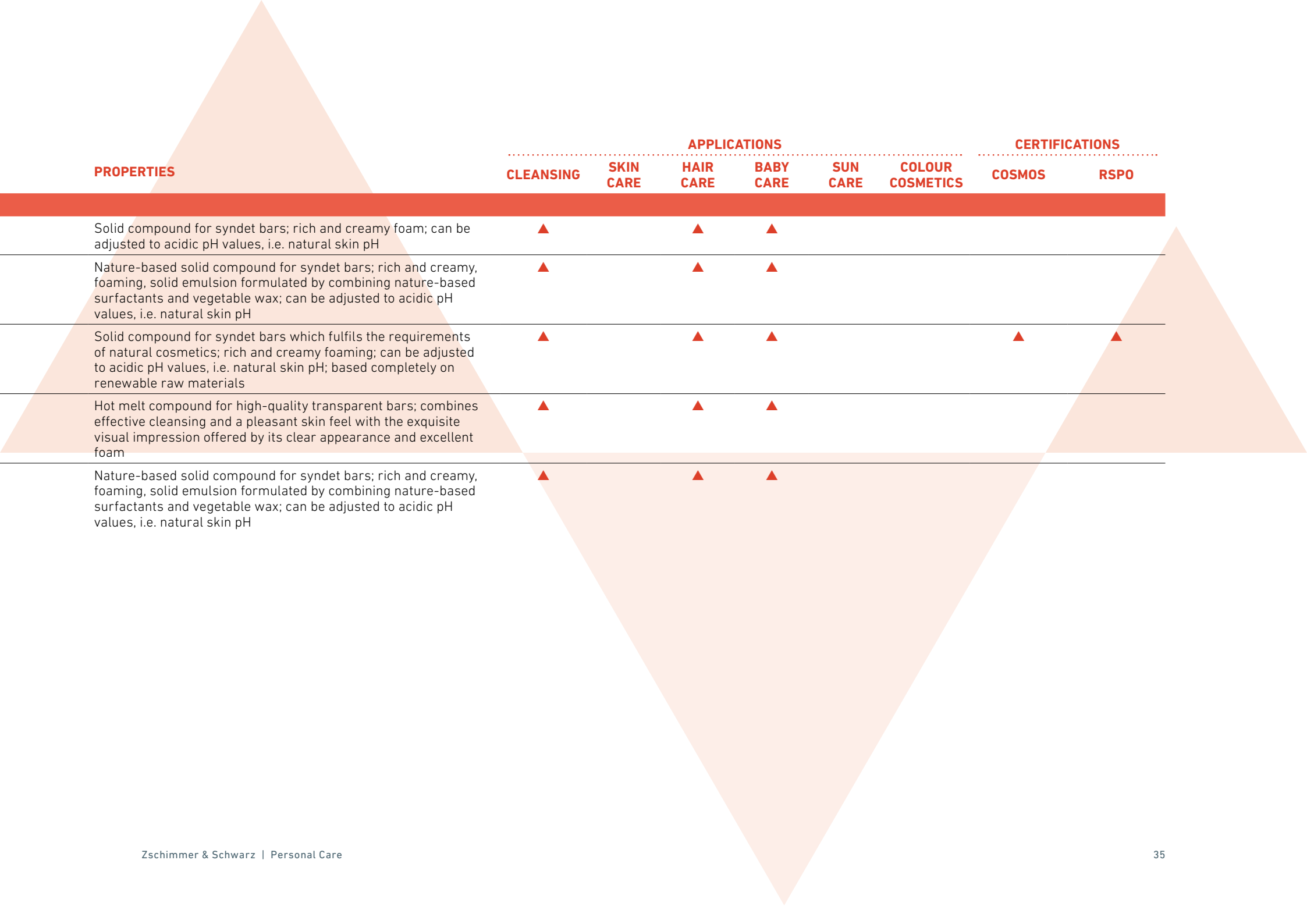


SYNDETS

TRADE NAME	INCI	ACTIVE MATTER [%]	CLASSIFICATION	PHYSICAL FORM @ 25 °C
ZETESAP				
ZETESAP 813 P** **	Disodium Lauryl Sulfosuccinate, Sodium Coco-Sulfate, Triticum Vulgare (Wheat) Starch, Cetearyl Alcohol, Paraffin, Titanium Dioxide	50	Anionic	Pellets
ZETESAP 900* **	Disodium Lauryl Sulfosuccinate, Sodium Coco-Sulfate, Triticum Vulgare (Wheat) Starch, Cetearyl Alcohol, Hydrogenated Palm Glycerides, Lauryl PCA, Glyceryl Stearate, Titanium Dioxide	50	Anionic	Pellets
ZETESAP 915 CS - RSP0 - MB	Sodium Coco-Sulfate, Sodium Cocoyl Glutamate, Distarch Phosphate, Cetearyl Alcohol, Hydrogenated Palm Glycerides, Glyceryl Stearate	45	Anionic	Pellets
ZETESAP C 11	Propylene Glycol, Aqua (Water), Sodium Stearate, Sodium Laureth Sulfate, Sorbitol, Glycerin, Sodium Laurate, Etidronic Acid	80	Anionic	Solid
ZETESAP NATURAL WAX*	Disodium Lauryl Sulfosuccinate, Sodium Coco-Sulfate, Triticum Vulgare (Wheat) Starch, Cetearyl Alcohol, Rhus Verniciflua Peel Wax, Lauryl PCA, Glyceryl Stearate, Titanium Dioxide	50	Anionic	Pellets

* Product also available without Titanium Dioxide

** Soon available as "RSP0 MB" version



PROPERTIES	APPLICATIONS					CERTIFICATIONS		
	CLEANSING	SKIN CARE	HAIR CARE	BABY CARE	SUN CARE	COLOUR COSMETICS	COSMOS	RSPO
Solid compound for syndet bars; rich and creamy foam; can be adjusted to acidic pH values, i.e. natural skin pH	▲		▲	▲				
Nature-based solid compound for syndet bars; rich and creamy, foaming, solid emulsion formulated by combining nature-based surfactants and vegetable wax; can be adjusted to acidic pH values, i.e. natural skin pH	▲		▲	▲				
Solid compound for syndet bars which fulfils the requirements of natural cosmetics; rich and creamy foaming; can be adjusted to acidic pH values, i.e. natural skin pH; based completely on renewable raw materials	▲		▲	▲			▲	▲
Hot melt compound for high-quality transparent bars; combines effective cleansing and a pleasant skin feel with the exquisite visual impression offered by its clear appearance and excellent foam	▲		▲	▲				
Nature-based solid compound for syndet bars; rich and creamy, foaming, solid emulsion formulated by combining nature-based surfactants and vegetable wax; can be adjusted to acidic pH values, i.e. natural skin pH	▲		▲	▲				

THICKENERS



Thickeners are used in almost all common cosmetic formulations to achieve the desired viscosity of the final product.

For standard as well as sophisticated formulations, we recommend our OXETAL range as a very efficient solution for polymeric thickening. This product line provides viscosity building across a wide variety of surfactant systems.



THICKENERS

TRADE NAME	INCI	ACTIVE MATTER [%]	CLASSIFICATION	PHYSICAL FORM @ 25 °C
OXETAL				
OXETAL SE	PEG-90 Glyceryl Isostearate, PEG-6 Caprylic/Capric Glycerides, Laureth-2	83	Nonionic	Liquid
OXETAL VD 20	Laureth-2	100	Nonionic	Liquid
OXETAL VD 92	PEG-90 Glyceryl Isostearate, Laureth-2	77	Nonionic	Liquid
PURTON				
PURTON CFD	Cocamide DEA	85	Nonionic	Liquid
PURTON CFM/F	Cocamide MEA	Min. 86	Nonionic	Flakes
PURTON CM/20	Cocamide MEA, Sodium Laureth Sulfate	40	Nonionic	Paste
PURTON SFD	Soyamide DEA	87	Nonionic	Liquid

PROPERTIES	APPLICATIONS					CERTIFICATIONS		
	CLEANSING	SKIN CARE	HAIR CARE	BABY CARE	SUN CARE	COLOUR COSMETICS	COSMOS	RSPO
Highly effective, colourless thickener for cleansing products	▲		▲	▲				
Thickening agent for aqueous surfactant systems; especially effective in combination with sodium chloride	▲		▲	▲				▲
Highly effective, colourless thickener for cleansing products	▲		▲	▲				▲
Thickener which improves foam persistency and provides a soft and smooth skin feel	▲		▲	▲				
Thickener which improves foam persistency and provides a soft and smooth skin feel	▲		▲	▲				
Thickening blend which offers a foam-boosting effect	▲		▲	▲				
Thickener which improves foam persistency and provides a soft and smooth skin feel	▲		▲	▲				

THICKENERS



Thickeners are used in almost all common cosmetic formulations to achieve the desired viscosity of the final product.

For standard as well as sophisticated formulations, we recommend our OXETAL range as a very efficient solution for polymeric thickening. This product line provides viscosity building across a wide variety of surfactant systems.



CONDITIONERS

TRADE NAME	INCI	ACTIVE MATTER [%]	CLASSIFICATION	PHYSICAL FORM @ 25 °C
PROTELAN				
PROTELAN MGL - EC	Sodium Myristoyl Glutamate	25	Anionic	Liquid
T-QUAT				
T-QUAT 7/SB	Polyquaternium-7	9	Cationic	Liquid
T-QUAT 22/SB	Polyquaternium-22	40	Cationic	Liquid
T-QUAT 39/SB	Polyquaternium-39	36	Cationic	Liquid
T-QUAT CTA CONC	Cetrimonium Chloride	30	Cationic	Liquid
ZETEMOL				
ZETEMOL AL - RSPO - MB	Myristyl Lactate	100	Nonionic	Paste
ZETEMOL MM - RSPO - MB	Myristyl Myristate	100	Nonionic	Solid
ZETEMOL OE	Dicaprylyl Ether	100	Nonionic	Liquid
ZETEMULS				
ZETEMULS HC PLUS	Glyceryl Stearate, Cetearyl Alcohol, Stearamidopropyl Dimethylamine, Myristyl Lactate, Behentrimonium Chloride	100	Cationic	Flakes

PROPERTIES	APPLICATIONS					CERTIFICATIONS		
	CLEANSING	SKIN CARE	HAIR CARE	BABY CARE	SUN CARE	COLOUR COSMETICS	COSMOS	RSPO
Improves wet combing; reduces irritation of other surfactants; no build-up effect	▲	▲	▲				▲	
Improves wet and dry combing; no build-up effect	▲		▲					
Improves wet and dry combing; no build-up effect; excellent stability in applications with extreme pH		▲	▲					
Improves wet and dry combing; no build-up effect; offers silky skin feel and moisturisation in skin care applications		▲	▲					
Improves wet and dry combing; no build-up effect			▲					
Thickening and conditioning agent		▲	▲	▲		▲	▲	▲
Emollient with conditioning properties; helps to improve combability and smoothness of the hair		▲	▲					▲
Emollient which improves the softness of the hair			▲				▲	
Self-emulsifying base which provides an excellent conditioning and hair repair effect; EO- and PEG-free			▲					



POLYMERS

Our water-based acrylate polymer technologies are incorporated in decorative cosmetics, skin care products, hair care products and toiletries. Each polymer dispersion improves the properties of a formula in a variety of ways. Our core competence is the development of characteristic key properties which are mandatory for the formulation of high-performance make-up products, such as wear resistance, water resistance and transfer resistance.



POLYMERS

TRADE NAME	INCI	SOLIDS [wt. %]	CLASSIFICATION	pH
SYNTRAN® – FILM FORMERS				
SYNTRAN® 5009CG*	Styrene/Acrylates/Ammonium Methacrylate Copolymer	41	Anionic	8.0
SYNTRAN® 5190CG*	Acrylates Copolymer	41	Anionic	7.5
SYNTRAN® 5610	Ammonium Styrene/Acrylates Copolymer	42	Anionic	8.2
SYNTRAN® 5760CG*	Styrene/Acrylates/Ammonium Methacrylate Copolymer	41	Anionic	7.5
SYNTRAN® 5762	Polyacrylate-21	42	Anionic	7.7
SYNTRAN® – BIMODAL POLYMERS				
SYNTRAN® 5100CG*	Polyacrylate 21 (and) Acrylates/Dimethyl-Aminoethyl Methacrylate Copolymer	25	Amphoteric	8.0
SYNTRAN® 5778*	Acrylates/Ethylhexyl Acrylate Copolymer (and) Acrylates/Dimethylaminoethyl Methacrylate Copolymer	40	Amphoteric	8.0
SYNTRAN® – OLEFIN-GRAFT POLYMERS				
SYNTRAN® 5288*	Ethylene/Acrylic Acid Copolymer (and) Styrene/Acrylates Copolymer	30	Anionic	9.0
SYNTRAN® – SAFE TECHNOLOGY				
SYNTRAN® 5620CG*	Styrene/Acrylates/Ammonium Methacrylate Copolymer	42	Anionic	7.5

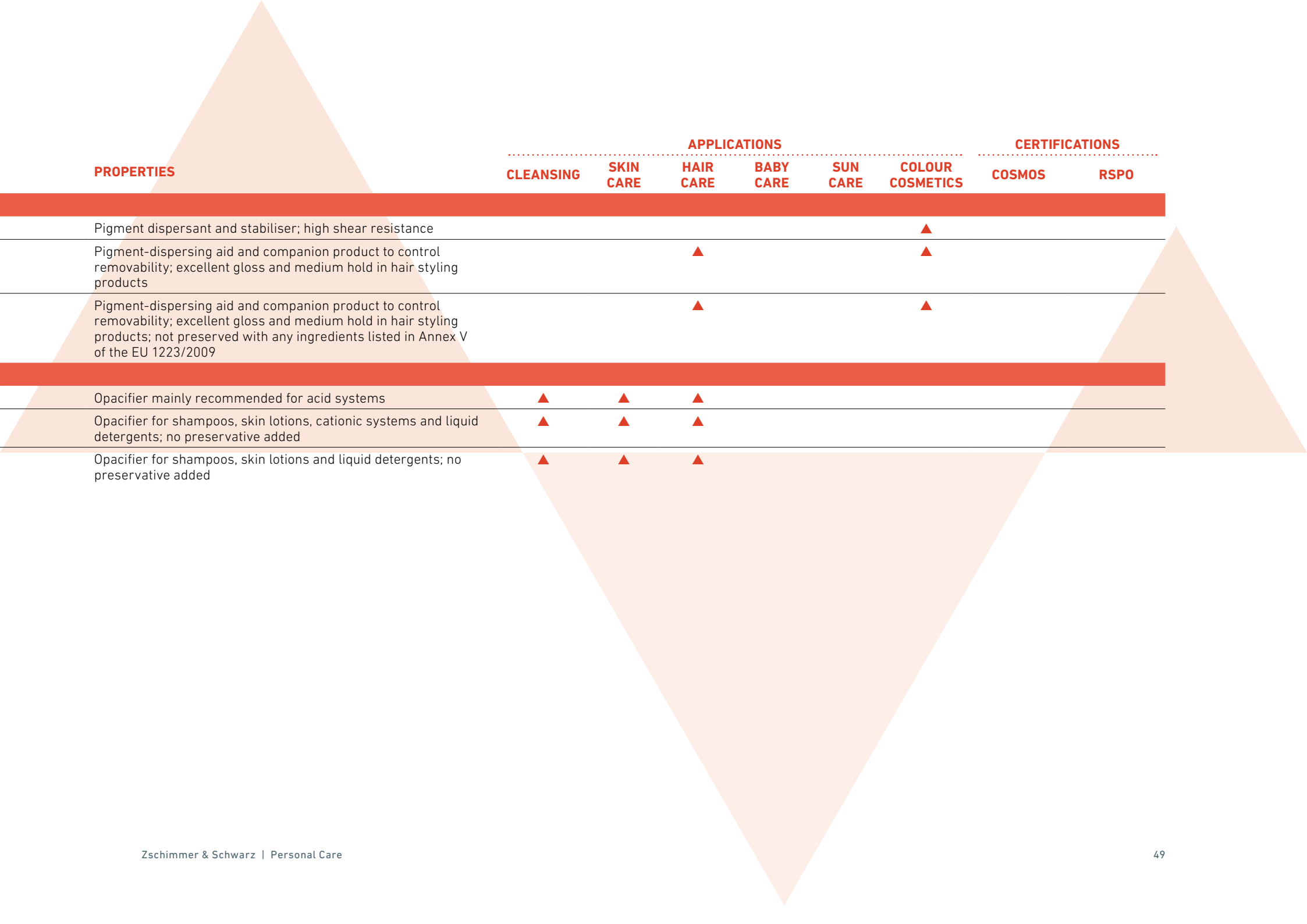
* This SYNTRAN® product contains surfactants with the RSPO MB homologation

PROPERTIES	APPLICATIONS					CERTIFICATIONS		
	CLEANSING	SKIN CARE	HAIR CARE	BABY CARE	SUN CARE	COLOUR COSMETICS	COSMOS	RSPO
Film former for mascara and eyeliner; forms a flexible film with high cohesion; ideal for peel-off applications						▲		
Film former for mascara, eyeliner, eyeshadow and foundation; forms a clear and highly flexible film						▲		
Film-forming emulsion for an effective removal of water-based nail polishes; excellent cohesion and flexibility; ideal for all make-up formulations with a peel-off or tubing effect						▲		
Film former for mascara, eyeliner, eyeshadow and foundation; forms a clear, flexible, water-resistant film						▲		
Film former for mascara, eyeliner, eyeshadow and foundation; forms a clear, flexible, water-resistant film; not preserved with any ingredients listed in Annex V of the EU 1223/2009						▲		
Polymer with immediate skin-tightening properties; breathable and invisible film; also suitable for medium hair styling products and decorative cosmetics		▲	▲			▲		
Soft film former for eye make-up (mascara, eyeliner, eyeshadow), foundation and lip make-up (lip stain); delivers quick-setting films with good adhesion and flexibility; offers an enhanced balance of water resistance and removability						▲		
Hybrid polymer with no transfer properties; offers good playtime and comfortable wear, ideal for BB creams and foundations; can be used in cold process mascara formulations which provide curling, gloss and lash definition		▲	▲		▲	▲		
Film-forming emulsion with superior gloss, adhesion, water resistance and hardness for long-lasting water-based nail polishes						▲		

POLYMERS

TRADE NAME	INCI	SOLIDS [wt. %]	CLASSIFICATION	pH
SYNTRAN® – DISPERSANTS				
SYNTRAN® EX 149PE*	Styrene/Acrylates Copolymer	30	Anionic	7.0
SYNTRAN® KL 219CG*	Ammonium Acrylates Copolymer	25	Anionic	7.7
SYNTRAN® 5402	Ammonium Acrylates Copolymer	25	Anionic	7.8
SYNTRAN® – OPACIFIERS				
SYNTRAN® 5900	Polystyrene	35	Nonionic	2.8
SYNTRAN® 5905*	Styrene/Acrylates Copolymer	40	Nonionic	2.5
SYNTRAN® 5907*	Styrene/Acrylates Copolymer	40	Anionic	2.5

* This SYNTRAN® product contains RSP0 MB-certified surfactants



PROPERTIES	APPLICATIONS					CERTIFICATIONS		
	CLEANSING	SKIN CARE	HAIR CARE	BABY CARE	SUN CARE	COLOUR COSMETICS	COSMOS	RSPO
Pigment dispersant and stabiliser; high shear resistance						▲		
Pigment-dispersing aid and companion product to control removability; excellent gloss and medium hold in hair styling products			▲			▲		
Pigment-dispersing aid and companion product to control removability; excellent gloss and medium hold in hair styling products; not preserved with any ingredients listed in Annex V of the EU 1223/2009			▲			▲		
Opacifier mainly recommended for acid systems	▲	▲	▲					
Opacifier for shampoos, skin lotions, cationic systems and liquid detergents; no preservative added	▲	▲	▲					
Opacifier for shampoos, skin lotions and liquid detergents; no preservative added	▲	▲	▲					

FUNCTIONAL INGREDIENTS

In addition to classic ingredients, functional ingredients are used in cosmetics to enhance the formulation and the feeling on the skin. Functional ingredients are opacifiers and pearlescent agents as well as humectants and skin conditioners. They lend a high-quality appearance to formulations, improve skin moisture or create a silky, well-groomed feeling on the skin during and after application.

Our portfolio offers humectants such as the GLYCERINE line, opacifiers from the SYNTRAN® and OPACIFIER ranges, pearlescent agents from the PEARLAGENT line and conditioners from the PROTELAN range. By enhancing its appearance, these products underline the value of your formulation.





FUNCTIONAL INGREDIENTS

TRADE NAME	INCI	ACTIVE MATTER [%]	CLASSIFICATION	PHYSICAL FORM @ 25 °C
GLYCERINE				
GLYCERINE - E	Glycerin	96	Nonionic	Liquid
GLYCERINE FU	Glycerin	96	Nonionic	Liquid
OPACIFIER				
OPACIFIER 621	Styrene/Acrylates Copolymer	39	Anionic	Liquid
OPACIFIER 721	Styrene/Acrylates Copolymer, Disodium Cocoyl Glutamate	40	Anionic	Liquid
SYNTRAN® 5900	Polystyrene	35	Nonionic	Liquid
SYNTRAN® 5905*	Styrene/Acrylates Copolymer	40	Nonionic	Liquid
SYNTRAN® 5907*	Styrene/Acrylates Copolymer	40	Anionic	Liquid
PEARLAGENT				
PEARLAGENT 2000/I	Glycol Distearate, Sodium Laureth Sulfate, Laureth-10, Cocamide MEA	35	Anionic/Nonionic	Viscous liquid
PEARLAGENT GM 4055	Glycol Stearate, MIPA-Laureth Sulfate	38	Anionic/Nonionic	Liquid
PEARLAGENT GM 4175	Sodium Laureth Sulfate, Glycol Stearate, Cocamide MEA, Cocamide DEA, Propylene Glycol	42	Anionic/Nonionic	Liquid
PROTELAN				
PROTELAN ID/G L	Hydrolyzed Wheat Protein	20	Nonionic	Liquid
PROTELAN ID/R	Hydrolyzed Rice Protein	20	Nonionic	Liquid
PROTELAN PCA 40	Sodium PCA, Glycerin	77	Nonionic	Liquid
PROTELAN PCA/I	PCA	100	Nonionic	Powder

* This SYNTRAN® product contains RSP0 MB-certified surfactants

PROPERTIES	APPLICATIONS					CERTIFICATIONS		
	CLEANSING	SKIN CARE	HAIR CARE	BABY CARE	SUN CARE	COLOUR COSMETICS	COSMOS	RSPO
Humectant	▲	▲	▲	▲	▲	▲	▲	
Humectant	▲	▲	▲	▲	▲	▲		
Opacifier	▲		▲	▲				
Dispersion of opacifying polymer with surfactants	▲		▲	▲				
Opacifier mainly recommended for acid systems	▲	▲	▲					
Opacifier for shampoos, skin lotions, cationic systems, liquid detergents; no preservative added	▲	▲	▲					
Opacifier for shampoos, skin lotions and liquid detergents; no preservative added	▲	▲	▲					
Pearlagent	▲		▲	▲				
Pearlagent	▲		▲	▲				
Pearlagent	▲		▲					
Skin- and hair-conditioning agent	▲		▲	▲			▲	
Skin- and hair-conditioning agent	▲		▲	▲			▲	
Humectant		▲	▲	▲	▲			
Humectant		▲	▲	▲	▲			

SALVONA

OUR PARTNERSHIP FOR MICROENCAPSULATION
TECHNOLOGY FOR FUNCTIONAL INGREDIENTS





TINY SPHERES. HUGE IMPACT.

Based in Hamilton, New Jersey, USA, Salvona develops innovative technologies for personal care and dermacosmetics. Since 2012, Zschimmer & Schwarz has been a minority shareholder of Salvona in order to extend the product portfolio of both companies.

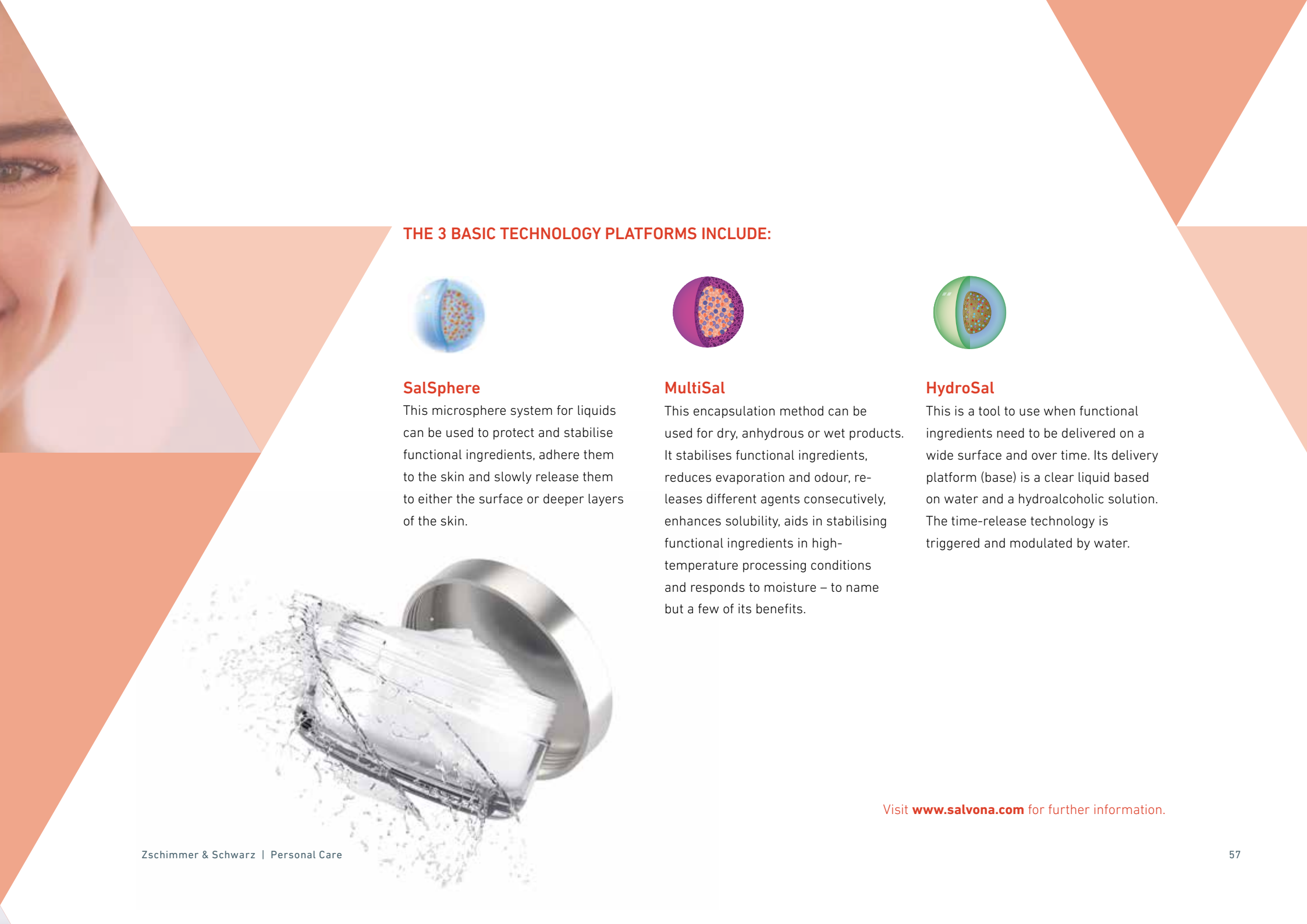
As a technology-based company, Salvona's focus is on supporting entrepreneurs, brands and manufacturers of finished products with innovative solutions to make their products stand out by being more effective, attractive and successful.

The company's core competency is developing and manufacturing functional solutions in liquid and fine powder forms containing microencapsulated functional ingredients.

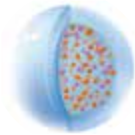
Salvona's products are made of natural ingredients from sustainable sources. The company offers solutions that enable the use of functional ingredients in the most effective and creative ways in a variety of product forms. In addition to its advanced technologies, Salvona also supports clients with marketing positioning and claims to help them grow their market share.

Salvona's offerings include standard and customised solutions, all of which are manufactured in a state-of-the-art cGMP facility utilising environmentally friendly processes, solar energy and water restrictions.



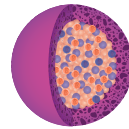


THE 3 BASIC TECHNOLOGY PLATFORMS INCLUDE:



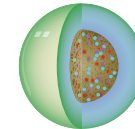
SalSphere

This microsphere system for liquids can be used to protect and stabilise functional ingredients, adhere them to the skin and slowly release them to either the surface or deeper layers of the skin.



MultiSal

This encapsulation method can be used for dry, anhydrous or wet products. It stabilises functional ingredients, reduces evaporation and odour, releases different agents consecutively, enhances solubility, aids in stabilising functional ingredients in high-temperature processing conditions and responds to moisture – to name but a few of its benefits.

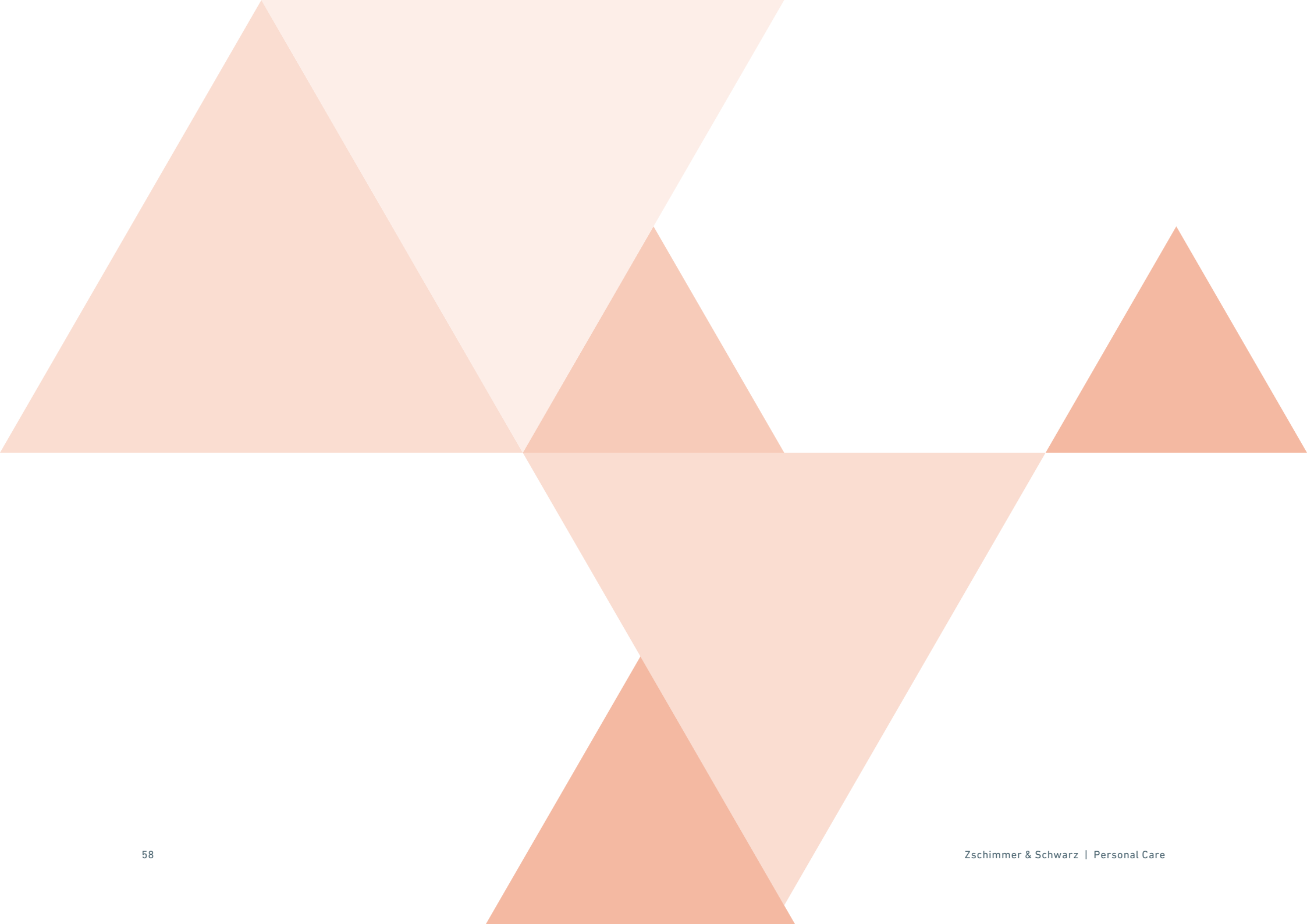


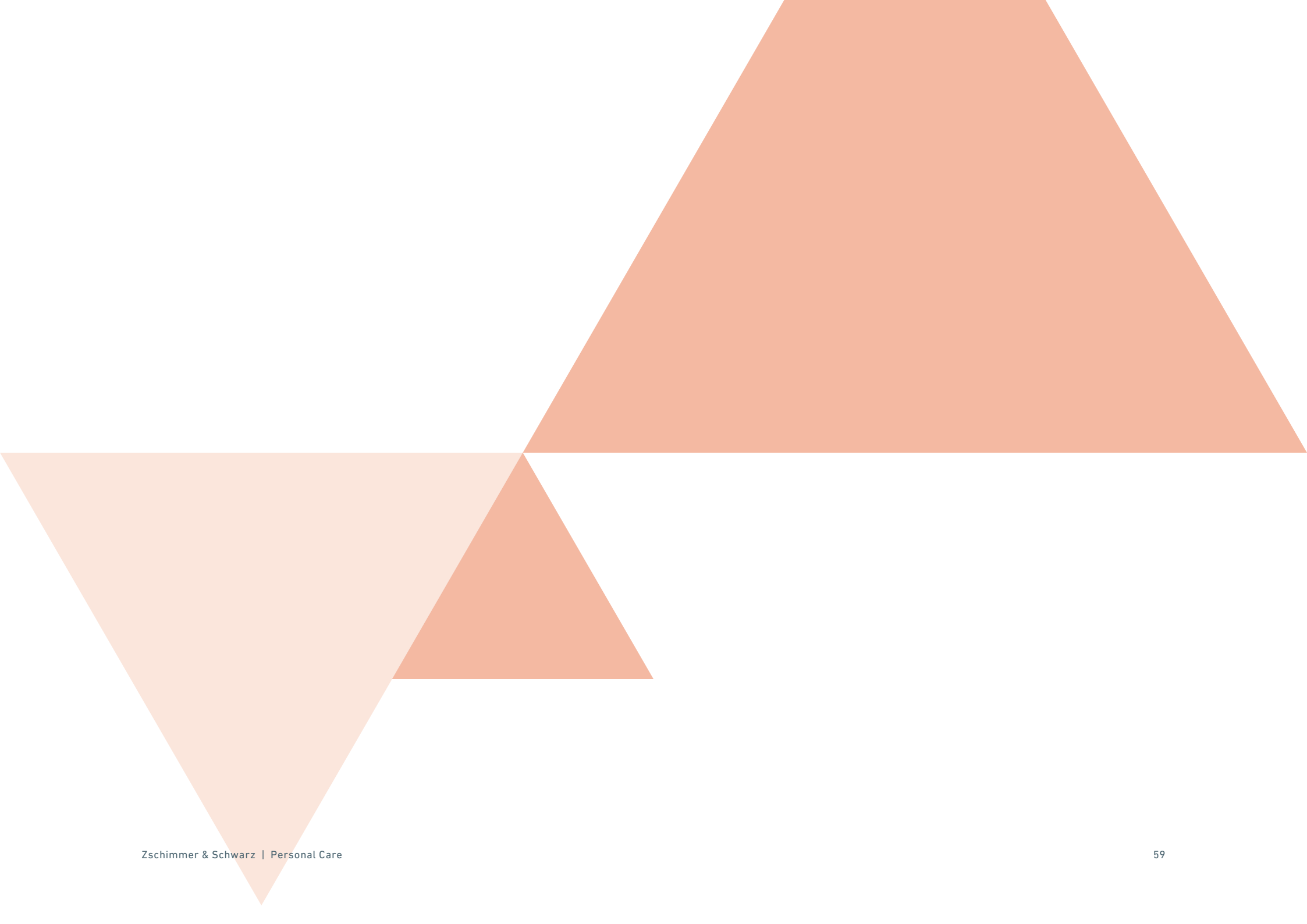
HydroSal

This is a tool to use when functional ingredients need to be delivered on a wide surface and over time. Its delivery platform (base) is a clear liquid based on water and a hydroalcoholic solution. The time-release technology is triggered and modulated by water.



Visit www.salvona.com for further information.







Chemistry tailor-made

▶ EUROPE

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