

ConnectingChemistry



PERSONAL CARE

Product Catalogue
Germany
Austria
Switzerland



Brenntag Personal Care

BRENNTAG IS A LEADING DISTRIBUTOR AND SERVICE PROVIDER FOR COSMETIC INGREDIENTS. WE ARE COMPOSED OF A DEDICATED, EXPERIENCED TEAM WHICH IS COMMITTED TO DISCOVERING INNOVATIVE SOLUTIONS TO YOUR BUSINESS CHALLENGES.

Our vast portfolio includes surfactants, emulsifiers, emollients, preservatives, silicones, humectants, lactates, biocides, waxes, film formers, emulsifiers, bleaching agents and many more.

Brenntag's European Cosmetics Laboratories based in Amiens (France) and Essen (Germany) work on the creation of innovative formulations, the assessment of specialty raw materials, sensory analyses, troubleshooting and the development of cosmetics performance solutions for our customers across Europe.

The Brenntag team has looked at a number of applications such as skin creams, masks, lotions, cleansers, oils, micellar waters, butters, hair styling, protection and care, colour cosmetics, UV protective sun care formulations and baby care concepts.

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KenaPure



KENAPURE COLOURS AND PIGMENTS*

Water-soluble colours	INCI name	Dark Shade	Light Shade	Characteristics
KenaPure FD&C YELLOW 5	CI19140			Good light stability
KenaPure FD&C RED 4	CI14700			Good light stability
KenaPure FD&C RED 40	CI16035			
KenaPure D&C RED 28	CI45410			
KenaPure D&C RED 33	CI17200			
KenaPure FD&C BLUE 1	CI42090			
Oil-soluble colours	INCI name	Dark Shade	Light Shade	Characteristics
KenaPure D&C RED 17	CI26100			Good light stability
KenaPure D&C RED 27	CI45410			
KenaPure D&C VIOLET 2	CI60725			Good light stability
Organic Pigments	INCI Name	Mass Tone	Tint Tone	
KenaPure D&C RED 6 BA LAKE	CI15850			Barium Lake
KenaPure D&C RED 27 AL LAKE	CI45410			Aluminium Lake
KenaPure D&C RED 33 AL LAKE	CI17200			Aluminium Lake
KenaPure FD&C RED 40 AL LAKE	CI16035			Aluminium Lake
KenaPure FD&C YELLOW 5 AL LAKE	CI19140			Aluminium Lake
KenaPure FD&C YELLOW 6 AL LAKE	CI15985			Aluminium Lake
KenaPure FD&C BLUE 1 AL LAKE	CI42090			Aluminium Lake
Inorganic Pigments	INCI Name	Mass Tone	Tint Tone	
KenaPure BLACK IRON OXIDE	CI77499			
KenaPure BROWN IRON OXIDE	CI77491, CI77492, CI77499			
KenaPure ULTRAMARINE	CI77007			
KenaPure VIOLET	CI77742			
KenaPure CARBON BLACK DISPERSION	CI77266			



BSI (Brenntag Specialty Ingredients, Inc.)

FUNCTIONAL INGREDIENTS: FILLING AGENTS, COLOURANTS AND PIGMENTS

Trade name	INCI name	Function	Application
Kaolin 2457	Kaolin	Filler/extender Suspending agent	Lotions, creams, powders and colour cosmetics
Mica 2280	Mica	Filler (with low lustre effect) Colourant	Lipsticks, eye shadows, hair dyes and colors, face powders, blushers, eye liners, dusting and talcum powders, foundations, nail lacquers, mascara, make-up bases, etc.
Mica 2281	Mica	Filler Colourant	Filler with high lustre effect, used as a colorant in lipsticks, eye shadows, hair dyes and colors, face powders, blushers, eye liners, dusting and talcum powders, foundations, nail lacquers, mascara, make-up bases, etc.
Sericite 285	Mica	Natural filler (with soft focus effect & gives a silky lustre) Colourant	Lipsticks, eye shadows, hair dyes and colors, face powders, blushers, eye liners, dusting and talcum powders, foundations, nail lacquers, mascara, make-up bases, etc.
Albagel 4444/4446	Bentonite	Viscosity regulator Pigment binder Suspending agent	Lotions, creams, liquid facial cleansers, anti-dandruff shampoos, body powders, deodorant sprays, deodorant sticks, etc.
Bentonite 670	Bentonite	Viscosity regulator Pigment binder Suspending agent	Lotions, creams, liquid facial cleansers, anti-dandruff shampoos, body powders, deodorant sprays, deodorant sticks, etc.
Magnesium Stearate vegetable 919-G	Magnesium Stearate	Viscosity regulator Binder Suspending agent Anti-caking agent Gelling agent Emulsifying agent	Body care, facial care, colour cosmetics
MAS 100			
MAS 102	Magnesium Aluminium Silicate	Viscosity regulator Suspending agent	Sunscreen preparations, facial creams and masks, hair care products, make-up preparations, hand and body lotions, shaving creams, anti-persperants, toothpastes, etc.
MAS 103			
Polargel 342	Bentonite	Viscosity regulator Pigment binder Suspending agent	Lotions, creams, liquid facial cleansers, anti-dandruff shampoos, body powders, deodorant sprays, deodorant sticks, etc.



BRENNTAG

CosVivet

COSVIVET RM - RHEOLOGY MODIFIERS

Trade name	INCI name	Advantage(s)	Viscosity	Applications
CosVivet RM 10	Carbomer	High clarity Easy to wet	0.5%: 40000-50000cps	Hair gels, hydroalcoholic sanitizer gels
CosVivet RM 20	Acrylates/C10-30 Alkyl Acrylate Crosspolymer	Salt resistance (1% wt) Medium flow Self-wetting	0.5%: 5000-45000cps	Home care & household applications
CosVivet RM 21		Fast dispersion High clarity Self-wetting	0.5%: 55000-65000cps	Lotions/creams, hair gels, hydroalcoholic sanitizing shampoos
CosVivet RM 34		Low viscosity Long flow	0.5%: 25000-35000cps	
CosVivet RM 40		Long stability	0.5%: 40000-65000cps	Hair gels & body washes
CosVivet RM 41		Low viscosity Long flow	0.5%: 4000-7000cps	
CosVivet RM 80	Carbomer	High clarity Improved fragrance tolerance	0.5%: 50000-60000cps	Hair gels, hydroalcoholic sanitizer gels
CosVivet RM 365		Low viscosity Long flow Low residual solvent	0.5%: 40000-65000cps	
CosVivet RM 380		High Clarity Low residual solvent	0.5%: 40000-65000cps	Body washes and sanitizer gels
CosVivet RM 401		High clarity Improved fragrance tolerance	0.5%: 60000-70000cps	
CosVivet RM 703		High viscosity profile	0.5%: 60000 - 70000cps	
CosVivet RM 740		Long stability Low residual solvent	0.5%: 40000-65000cps	Hair gels, body washes and topical gels
CosVivet RM 776		Very high viscosity	0.5%: 72000-82000cps	



COSVIVET APG - NATURAL SURFACTANTS

All of Brenntag's CosVivet APG range of natural surfactants are RSPO-MB certified.
An alternative coco-based quality is also available on request.

Trade name	INCI name	Solid content (%)	Viscosity (mPa.s)
CosVivet APG CCG50 MB	Caprylyl/Capryl Glucoside	Min. 50	~ 200
CosVivet APG CCG60 MB		Min. 60	~ 1000
CosVivet APG CCG65 MB		Min. 65	~ 3500
CosVivet APG CCG70 MB		Min. 70	~ 5000
CosVivet APG CCG70D MB		Min. 70	~ 5000
CosVivet APG CG46 MB	Coco-Glucoside	50-53	2500-6000
CosVivet APG DG55 MB	Decyl Glucoside	50-52	1000-2500
CosVivet APG DG64 MB		50-52	1000-2000
CosVivet APG LG50 MB		50-52	300-600
CosVivet APG DG74 MB	Lauryl Glucoside	50-53	2000-4000

COSVIVET - NATURAL AND SYNTHETIC WAXES

Trade name	INCI name	Congeeing Point (°C)	Drop Point (°C)
CosVivet Beeswax, bleached and yellow*	Cera Alba	61-65	61-65
CosVivet Candelilla Wax*	Candelilla Cera	65-73	N/A
CosVivet Carnauba Wax*	Copernica Cerifera Cera	78-84	81-86
CosVivet MC Wax	Cera Microcristallina	68-72	74-78
CosVivet Synthetic Beeswax vegan	Synthetic Beeswax	61-65	61-65

*Natural in origin



CABOT

NORIT ACTIVATED CARBON

COLOURANTS

Trade name	INCI name	Function
NORIT® A ULTRA E153		
NORIT® A SPECIAL E153	Charcoal Powder	Used as a black colourant in all cosmetic applications
NORIT® SX SUPER E153		

**Available in DE only*



CITRATES

Trade name	INCI name	Functions	General
Citric Acid Anhydrous*		Active ingredient Effervescent promotor	Available in different grain sizes, for use in all personal care applications, also used as exfoliant and antioxidant in skin care
Citric Acid Monohydrate*	Citric Acid	pH regulator Sequestering agent	
Trisodium Citrate Dihydrate*		pH buffer	Available in different grain sizes, for use in all personal care applications
Monosodium Citrate Anhydrous*	Sodium Citrate	pH regulator Sequestering agent	

**Cosmos conform*





MINERAL GLUCONATES, LACITIC ACID AND LACTATES

Trade name	INCI	Functions & Characteristics	Applications
PURAC® BF P/41*	Lactic Acid, Potassium Lactate	Humectant for transparent and/or water free formulations, China compliant, mild	Facial Care Body Care Sun Care Hair Care
PURAC® FCC 80*	Lactic Acid	Humectant, active, buffer	Facial Care Body Care Hair Care Soap Bars
PURAC® HiPure 90*	Lactic Acid	Humectant, active, buffer, highly concentrated, high quality grade of lactic acid, for low pH anti-aging formulations, stimulates exfoliation, nurtures cell renewal, moisturises the skin, for a smoother skin, reduces skin pigmentation, skin brightening and lightening, firms skin.	Facial Care
PURAC® Ultrapure 50* & 90*	Lactic Acid	Low odor and colorless ultrapure grade quality of lactic acid	Facial Care Body Care Hair Care Soap Bars
PURACAL® PP/USP*	Calcium Lactate	Active - calcium source and tartar reducing active for oral care with neutral taste and high solubility	Oral Care
PURAMEX® ZN	Zinc Lactate	Active and humectant, reduces skin serum levels while moisturising the skin, zinc source with neutral taste for oral care applications	Oral Care Skin Care
PURASAL® Moist XS*	Sodium Gluconate, Sodium Lactate	Mild and cost-effective moisturiser for rinse-off and leave on applications, 24-hour moisturisation in leave on products	Facial Care Body Care
PURASAL® NH/COS	Ammonium Lactate	Humectant for very dry and cracked skin	Facial Care Body Care
PURASAL® S	Sodium Lactate	Humectant, boosts NMF (Natural Moisturising Factor), replacement for glycerin with less tacky feel, softens and moisturises skin, perfect for soap bars (increases hardness, reduces water-loss & cracking, facilitates mold stamp and release)	Facial Care Body Care Hair Care Soap Bars
PURASAL® S/HQ 60*	Sodium Lactate	Humectant, boosts NMF (Natural Moisturising Factor), replacement for glycerin with less tacky feel, softens and moisturises skin, perfect for soap bars (increases hardness, reduces water-loss & cracking, facilitates mold stamp and release)	Facial Care Body Care Hair Care Soap Bars
PURASOLV® EL*	Ethyl Lactate	Natural solvent with moisturising properties	Nail polish removers Skin care Body care
GLUCONAL® ZN-P*	Zinc Gluconate	Active, reduces sebum levels, reduces oily skin, boosts anti-dandruff performance, potentially combats hair loss, natural tasting zinc source for oral care	Facial Care Oral Care Hair Care

*COSMOS Natural certification



NATURAL COLOURS, EXFOLIANTS AND FUNCTIONAL INGREDIENTS

Cell water

Trade name	INCI name	Functions	Used in:
Fruit Derived Water Apple P*	Malus Domestica Fruit Water, Pentylene Glycol	Sustainable diluent, solvent, used as an alternative to water to increase the natural and sustainable content of formulations	All water-based applications
Fruit Derived Water Cherry	Prunus Cerasus Fruit Water		

Functional ingredients

Trade name	INCI name	Functions	Used in:
Cos Apple Fiber M*	Pyrus Malus Fiber	Filler and sensory enhancer, 100% sustainable zero waste product, abrasive in oral care, emulsion stabilizer, viscosity increaser, reduces stickiness/tackiness/oiliness	Oral care Skin care Colour care Sun care Hair care
Cos Black Carrot Fiber M	Daucus Carota Sativa Fiber		
Cos White Diamond	Calcium Sulfate	Whitener Sensory enhancer Filler	Colour cosmetics Hair care Body cleansing Facial care Lip care

Natural colours

Trade name	INCI name	Functions	Used in:
Cos Beetroot Powder*	Maltodextrin, Beetroot Red (E162), Citric Acid, Ascorbic Acid	Colourant	Expected colour: red to violet
Cos Black Carrot 8 Cu Powder	Daucus Carota Sativa Root Extract, Maltodextrin, Citric Acid		
Cos Black Carrot 40 Cu Powder	Maltodextrin, Anthocyanins (E163), Citric Acid		Expected colour: orange to yellow
Cos Orange Carrot Powder	Maltodextrin, Daucus Carota Sativa Juice		
Cos Purple Sweet Potato Liquid	Ipomoea Batatas Root Extract, Citric Acid		Expected colour: pink to violet
Cos Red Radish Powder	Maltodextrin, Raphanus Sativus Root Extract, Citric Acid		Expected colour: red to violet
Cos Safflower Powder	Carthamus Tinctorius Flower Extract, Maltodextrin		Expected colour: yellow
Cos Spirulina Powder	Spirulina Platensis Extract, Trehalose, Sodium Citrate		Expected colour: blue
Cos Yellow Carrot Powder	Maltodextrin, Daucus Carota Sativa Root Extract, Caprylic/Capric Glycerides, Citric Acid		Expected colour: yellow

Exfoliants

Trade name	INCI name	Functions	Used in:
Cos Apricot Shell	Prunus Armeniaca Seed Powder	Exfoliant	Various particle sizes available
YuraQ*	Phytelephas Aequatorialis Seed Powder		

*COSMOS natural certified



HIGH PURITY DIMETHICONES

Trade name	INCI name	Functions
MIRASIL® CM5/CM5 HP	Cyclopentasiloxane	Volatile carrier for enhanced spreading, velvety touch, for skin care, sun care and deodorants. Used as pigment dispersant in colour cosmetics. In hair care, it improves wet/dry combing, provides shine and softness.

DIMETHICONES

Trade name	INCI name	Functions
MIRASIL® DM 2/5	Dimethicone	Light excellent spreading emollient and conditioning agent, anti-whitening, silky touch and reduces tackiness in skin care, sun care and deodorants. Used as pigment dispersant in colour cosmetics. In hair care, it improves wet/dry combing, provides shine and softness.
MIRASIL® DM 50/100/350/500/1000/5000		In hair care, it improves wet/dry combing, provides shine and softness. Pigment dispersants, provide softness in colour care. For softness and reduced tackiness of creams and lotions. DM 5000 is used to improve water resistance of skin and sun care products.
MIRASIL® DM 60000/300000/500000		Especially used in hair care to provide excellent wet/dry combing, extreme shine and ultimate softness. For excellent transfer resistance in colour care

PERFORMANCE CONCENTRATES

Trade name	INCI name	Functions
MIRASIL® C-DM	Cyclopentasiloxane, Dimethicone	Conditioner and styling agent in hair care for excellent wet/dry combing, softness and shine, heat and colour protection. Provides silkiness, enhances spreading and improves water resistance in skin and sun care formulations. Provides excellent transfer resistance in colour cosmetics.
MIRASIL® C-DMB		
MIRASIL® C-DML (also LV, MV, HV)	Cyclopentasiloxane, Dimethiconol	
MIRASIL® D-DML (also LV, HV)		

EMULSIFIERS

Trade name	INCI name	Functions
MIRASIL® DMCO	PEG/PPG-22/24 Dimethicone	For improved wet/dry combing, softness and shine in shampoos, conditioners and styling. Emulsifier, provides silkiness, reduces whitening and enhances spreading in skin and sun care formulations. Very good pigment dispersant and emulsifier for emulsion-based colour care.
MIRASIL® C-DMP	Cyclopentasiloxane, PEG/PPG-18/18 Dimethicone	Emulsifier, provides silkiness and enhances spreading and improves water resistance in skin and sun care formulations. Excellent pigment dispersant and emulsifier for emulsion-based colour care.
MIRASIL® PEG 12 DM	PEG-12 Dimethicone	For improved wet/dry combing, softness and shine in shampoos, conditioners and styling. Emulsifying, provides silkiness, reduces tackiness and enhances spreading in skin and sun care formulations. Very good pigment dispersant and emulsifier for emulsion-based colour care.
MIRASIL® BALANCE	Cetyl PEG/PPG-10/1 Dimethicone	Excellent emulsifier for skin and sun care formulations, for silkiness/softness, enhanced spreading and improved water resistance. Excellent pigment dispersant and emulsifier for emulsion-based colour care.

AMINO FUNCTIONAL SILICONES

Trade name	INCI name	Functions
MIRASIL® ADM Range	Amodimethicone	Perfect for all hair care applications, improving wet/dry combing and imparting heat and colour protection whilst improving shine and softness of hair.
MIRASIL® ADMH Range	Propoxytetramethyl-piperidinyl Dimethicone	Very good transfer resistance and pigment dispersion as well as silky feeling in all colour care applications. Improves water resistance and provides silkyness to skin and sun care formulations, whilst also enhancing the spreading and acting as a free radical scavenger. Perfect for all hair care applications, improving wet/dry combing and imparting heat and colour protection whilst improving shine and softness of hair.
MIRASIL® ADMH B 100	C15-19 Alkane, Propoxytetramethyl Piperidinyl Dimethicone	Very good transfer resistance and pigment dispersion as well as silky feeling in all colour care applications. Improves water resistance and provides silkyness to skin and sun care formulations, whilst also enhancing the spreading and acting as a free radical scavenger. Perfect for all hair care applications, improving wet/dry combing and imparting heat and colour protection whilst improving shine and softness of hair.
MIRASIL® ADME-NP	Aqua, Amodimethicone, Trideceth-6	
MIRASIL® ADMH-E 125	Aqua, Propoxytetramethyl Piperidinyl Dimethicone, Trideceth-6	Perfect for all hair care applications, improving wet/dry combing and imparting heat and colour protection whilst improving shine and softness of hair.

ALKYL FUNCTIONAL SILICONES

Trade name	INCI name	Functions
MIRASIL® Caprylyl TSO	Caprylyl Methicone	Pigment dispersant, provides softness and excellent shine to colour care formulations. In skin and sun care applications, it is ideal for reducing tackiness and enhancing spreading, while also reducing whitening and enhancing the water resistance. Improves wet/dry combing and softness in hair styling products.
MIRASIL® Cetyl DM	Cetyl Dimethicone	Pigment dispersant, provides softness and excellent shine to emulsion-, anhydrous- and stick-based colour care formulations. In skin and sun care applications, it enhances spreading, improves softness, reduces tackiness and provides good water resistance. Improves wet/dry combing and softness in hair styling products.
MIRASIL® Stearyl DM	Stearyl Dimethicone	Pigment dispersant, provides softness and excellent shine to emulsion-, anhydrous- and stick-based colour care formulations. In skin and sun care applications, it enhances spreading, improves softness, reduces tackiness and provides excellent water resistance. Improves wet/dry combing, shine and softness in hair styling products.





PHENYL FUNCTIONAL SILICONES

Trade name	INCI name	Functions
MIRASIL® PTM	Phenyl Trimethicone	Pigment dispersant, provides softness and excellent shine to colour care formulations. Improves water resistance in skin and sun care and deodorants while reducing whitening and tackiness. For excellent shine, softness and improved wet/dry combing in styling products.
MIRASIL® C-DPDM	Cyclopentasiloxane, Diphenyl Dimethicone	Pigment dispersant, provides softness, transfer resistance and excellent shine to colour care formulations. Improves water resistance, enhances spreading and softness in skin and sun care. For excellent shine, perfect colour and heat protection as well as improved softness in all hair care applications.
MIRASIL® P-DPDM	Phenyl Trimethicone, Diphenyl Dimethicone	Pigment dispersant, provides softness, transfer resistance and excellent shine to colour care formulations. Improves water resistance and softness in skin and sun care. For excellent shine, perfect colour and heat protection as well as improved softness in all hair styling applications.
MIRASIL® BRIGHT	C15-19 Alkane, Diphenyl Dimethicone	Pigment dispersant, provides softness, transfer resistance and excellent shine to colour care formulations. Excellent spreading and improved softness and water resistance in skin and sun care. For excellent shine, perfect colour and heat protection as well as improved softness in all hair care applications.

MULTIFUNCTIONAL SILICONES

Trade name	INCI name	Functions
MIRASIL® SERUM	Cyclopentasiloxane, C15-19 Alkane, Dimethiconol, Diphenyl Dimethicone, Propoxytetramethyl Piperidiny Dimethicone	Pigment dispersant, provides softness, excellent shine and transfer resistance to emulsion-, anhydrous- and stick-based colour care formulations. Excellent spreading agent, for improved softness, water resistance and less tackiness in skin care products. For excellent softness and shine as well as perfect colour and heat protection hair styling products.

SILICONE GEL

Trade name	INCI name	Functions
MIRASIL® C-DMX 12	Cyclopentasiloxane (adn) Dimethicone Crosspolymer	Excellent pigment dispersant, provides extreme softness and excellent transfer resistance to emulsion-, anhydrous- and stick-based colour care formulations. Excellent silky effect, ideal reduction of tackiness as well as enhanced spreading and water resistance in skin and sun care as well as deodorants. Improves wet/dry combing and shine in hair styling products.

SPHERICAL POWDER

Trade name	INCI name	Functions
MIRASIL® MICROPEARL 40	Polymethylsilsesquioxane	Reduces pigment agglomeration and improves softness in all colour care applications. For enhanced spreading, reduced tackiness and perfect softness in skin and sun care products.



GEL ELASTOMERS

Trade name	INCI name	Functions
PURESIL™ BSG-200		It acts as a sensory enhancer and thickening agent. It offers matte effect, smoothness, non-greasiness and silky skin feel with longer play time than cyclopentasiloxane grade. It is a thicker silicone gel than PURESIL BSG-200S. It shows good compatibility with other silicone oils and can be cold processed. PURESIL™ BSG-200 may be used in make-up, skin care and sun care applications.
PURESIL™ BSG-200S		It acts as a sensory enhancer, thickening agent and SPF booster. It offers matte effect, smoothness, non-greasiness and silky skin feel with longer play time than cyclopentasiloxane grade. It shows good compatibility with other silicone oils and can be cold processed. PURESIL™ BSG-200S may be used in make-up, skin care and sun care applications.
PURESIL™ BSG-5041	Dimethicone, Dimethicone/Vinyl Dimethicone Crosspolymer	It is a sensory enhancer. It offers smoothness, moisturization feel, optically wrinkle masking, matte effect, non-greasiness and silky skin feel. This ingredient displays emolliency, conditioning, slip, optical effect, and stabilization. It enhances spreadability and contributes soft feel. It can be used in either hot or cold processes. It enhances the aesthetics of dimethicone, covers blemishes, absorbs sebum and boosts skin feel. PURESIL™ BSG-5041 may be used in make-up, skin-, hair- and sun care applications. It is used in foundations, make-up bases, cream blushes, cream eyeshadows, matte lip glaze, and lipsticks. It is designed for skin serum, moisturizers & anti-aging products, sun protection (cream and lotions), suntan lotions, leave-in conditioners, spray, and styling products.
PURESIL™ D-308		In a highly volatile carrier. It is a sensory enhancer offering non-greasiness, light and delicate skin feel, fast drying and non-tackiness. It shows improved spreadability and can be used in cold processing. This ingredient offers skin smoothing, soft & silky feel, moisturization feel, optically wrinkle masking, and matte effect. It is used for emolliency, conditioning, slip, optical effect, and stabilization. PURESIL™ D308 is suitable for make-up, skin-, body-, hair- and sun care formulations.
PURESIL™ BSG-650DF	Dimethicone, Dimethicone/Vinyl Dimethicone Crosspolymer, Phenyl Trimethicone, Stearyl Trimethicone	It is sensory enhancer and thickening agent adding shine. This product provides higher and longer moisturization feel as compared to methylated silicone carriers and more compatibility with organic ingredients. PURESIL™ BSG-650DF may be used in make-up, skin -, sun- and body care formulations. Improve the shine and organic compatibility whilst maintaining the moisturising feel, water repellancy and softness.
PURESIL™ BSG-250	Cyclopentasiloxane, Dimethicone, Dimethicone/Vinyl Dimethicone Crosspolymer	It offers matte effect, smoothness, non-greasiness and silky skin feel with longer play time than cyclopentasiloxane grade. It is a thicker silicone gel than PURESIL BSG-200S. It shows good compatibility with other silicone oils and can be cold processed. PURESIL™ BSG-200 may be used in make-up, skin care and sun care applications.

PURESIL™ BSG-350		In a volatile carrier. It is a sensory enhancer. It offers excellent spreadability, fast drying, no residue and powdery and smooth silky skin feel. The after feel is not tacky nor greasy. It is suitable for cold processing. PURESIL™ BSG-350 may be used in make-up, skin-, sun-, body- and hair care formulations.
PURESIL™ BSG-5040	Cyclopentasiloxane, Dimethicone/ Vinyl Dimethicone Crosspolymer	A sensory enhancer which is easy to spread and provides powdery silky & smooth esthetics and a matte finish. It is a good thickener for anhydrous formulations. It delivers light initial feel, provides different drying speed to meet formulation needs and contributes soft feel. It reduces tackiness. PURESIL™ BSG-5040 may be used in make-up, skin-, hair- and sun care applications. It is designed for concealers, foundations, make-up bases, cream blushes, cream eyeshadows, matte lip glaze, and lipsticks. It is suitable for skin serum, moisturizers & anti-aging products, sun protection (cream & lotions), suntan lotions, leave-in conditioners, spray, and styling products.
PURESIL™ CHM01		In a volatile carrier, non greasy skin feel, long playtime, excellent moisturizing feel, wrinkle masking, mattifying and cushioning. It acts as a sensory enhancer with non greasy skin feel. PURESIL™ CHM01 may be used in make-up, skin-, sun-, body- and hair care formulations.
PURESIL™ ORG01	C13-15 Alkane, Dimethicone/Vinyl Dimethicone Crosspolymer	In a naturally derived alkane. It spreads out evenly and offers smooth, silky, lubricity, powdery and luxurious skin feel. It shows higher compatibility with cosmetic ingredients. It masks wrinkles and promotes radiance. It disperses physical sunscreens effectively and uniformly resulting in SPF boosting. It thickens water in silicone emulsions and anhydrous system. This grade is used in concealers, foundations, make-up base, cream blushes, cream eyeshadows, matte lip glaze, and lipsticks. It is also used in skin serum, moisturizers, anti-aging products, sun protections (cream and lotions) and suntan lotions. It is suitable for leave-in conditioners, hair sprays and styling products.
PURESIL™ ORG02	C13-15 Alkane, Dimethicone/Vinyl Dimethicone Crosspolymer, Silica	In a naturally derived alkane. It offers spreadability, slip, lubricity, skin blurring benefits, luxurious, matte finish and sebum absorption. It provides enhanced silky smooth & powdery skin feel and contributes soft focus masking skin imperfection. It thickens water in silicone emulsions and anhydrous system. PURESIL™ ORG02 is used in concealers, foundations, make-up base, cream blushes, cream eyeshadows, matte lip glaze, and lipsticks. It is also used in skin serum, moisturizers, anti-aging products, sun protections (cream and lotions) and suntan lotions. It is suitable for leave-in conditioners, spray, and styling products.



FLUOROSILICONES

Flourosilicones are used in make-up such as concealers, foundations, make-up bases, cream blushes, cream eyeshadows, lipsticks, and lip glosses. It is also ideal for skin care such as skin serums, moisturizers, anti-aging products and sun care such as sun protection (cream & lotions), suntan lotions. It is recommended for hair care such as leave-in conditioners, spray and styling products.

Trade name	INCI name	
PURESIL™ TFL 5	Trifluoropropyl Dimethicone	It imparts sensory enhancement by readily spreading over skin & hair and creating an effortless rub out and play time with light feel to the touch. It shows wearability against sweat and sebum which is essential for active indoor and outdoor lifestyle. It improves sand- and particle repellency. It controls frizz and reduces damage from thermal styling. It offers natural glow, smooth & slip skin feel, long-lasting hydration as well as enhanced transfer-, water- and oil resistance. It provides very good pigment dispersion, even coverage and improved film integrity.
PURESIL™ TFL 30	Trifluoropropyl Dimethicone	It imparts sensory enhancement and boosts SPF. It readily spreads over skin & hair, creating an effortless rub out and play time with light feel to the touch. Offers smooth & slip skin feel, long-lasting hydration as well as enhanced transfer-, water- and oil resistance. It possesses low surface tension, oleophobicity, hydrophobicity & distinctive tactile characteristics. Provides wearability against sweat and sebum which is essential for active indoor and outdoor lifestyle. It reduces damage from thermal styling. It provides very good pigment dispersion, even coverage and improved film integrity.
PURESIL™ SF-30	Perfluorobutylethyl Stearyl Dimethicone	It provides sensory enhancement and easily spreads over skin & hair, creating an effortless rub out and play time. It imparts durable slip & frizz control and enhances sand repellency. It shows excellent thermal stability protecting hair from thermal styling damage. It offers light, smooth & slip skin feel, natural glow as well as transfer-, water- and oil resistance. Provides improved film integrity, long-lasting hydration, even coverage and excellent pigment dispersing.

ELASTOMER POWDERS

Elastomer powders impart a matte, silky and powdery feeling to skin, provide a soft focus effect, reduce tackiness and impart a cushioning effect to formulations whilst absorbing skin sebum. Used in skin serum, primers, moisturizers, anti-aging products, sun protections (cream and lotions) and suntan lotions. It is also used in pressed powder foundation, concealers, make-up base, cream blushes, cream eyeshadows, mascaras, and lipsticks.

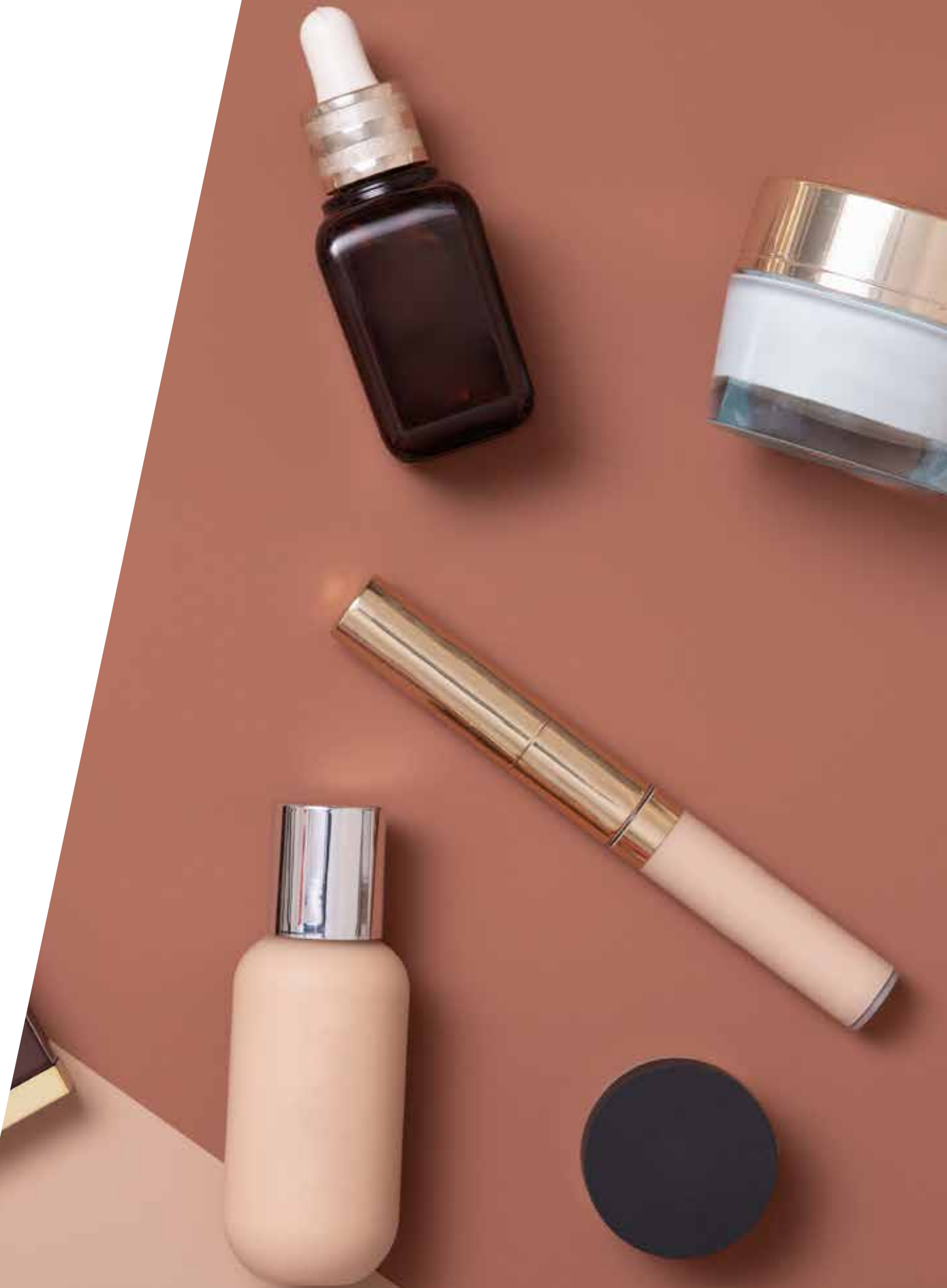
Trade name	INCI name	
PURESIL™ EP-02	Dimethicone, Vinyl Dimethicone Crosspolymer, Silica	Very fine powder, includes silica for good sebum asorbtion, easier to disperse than EP04.
PURESIL™ EP-04	Dimethicone, Vinyl Dimethicone Crosspolymer	More granulated powder for better cushioning effect and hydration. Ideal for pressed powders.

FILMFORMERS

Trade name	INCI name	
PURESIL™ TMS DM 30	Dimethicone, Trimethylsiloxysilicate	Offers film forming capability, long-lasting benefits, transfer resistance, water & oil resistance and non-greasy & non-tacky feel. It is a Trimethylsiloxysilicate resin (silicone MQ resin) delivered in nonvolatile dimethicone. The unique 3D molecular structure of MQ resin imparts substantivity. PURESIL™ TMS DM 30 is used in color cosmetics: foundations, concealers, lip colors, eyeliners, primers and sun care: creams, lotions. Also, used in skin care: body creams, lotions, face creams.
PURESIL™ TMS IDD 50	Trimethylsiloxysilicate, Isododecane	Offers film forming capability and imparts substantivity to skin. It offers a fast-dry time, rendering the desired non-transfer, water and oil resistance to cosmetics. It displays long-lasting benefits and a non-greasy and non-tacky feel. Suitable for foundations, concealers, lip colours, eyeliners, primers, sun care, creams and lotions.

*Available in DE, AT, CH







OXIDIZING AGENTS

Application: Whitening agent in oral care, oxidising agent in hair colouring and styling applications

Trade name	INCI name	General
PERSYNT® 350 B7	Aqua, Hydrogen Peroxide	Active content ~35%
PERSYNT® 500 B7		Active content ~ 50%
PERSYNT® 350 COS	Aqua, Hydrogen Peroxide, Phosphoric Acid, Etidronic Acid	Stabilized form of hydrogen peroxide, active content: ~35%

ExxonMobil

EMOLLIENTS & THICKENERS

Trade name	INCI name
Marcol 52	Paraffinum Liquidum
Marcol 82	
Primol 352	



ACTIVE INGREDIENTS

Trade name	INCI name	Function	Applications
INACALM®	Bentonite, Silver Carboxy Methylalaninate	Improves reactive and impure skin	Face creams, serums, foundations
INACLEAR®	Bentonite, Trimethoxybenzyl acetylsinapate	Skin whitener, for a more radiant skin tone	Face creams, anti-dark spot sera, BB creams, compact powder, foundations
LEONHYDRINE®*	Water, Butylene Glycol, Leonurus Japonicus Extract	Helps fight inflammation and maintain the skin's moisture balance	Facial products for dry skin
LEONHYDRINE®+*	Water, Butylene Glycol, Prunus Lannesiana Flower Extract, Leonurus Japonicus Extract	Helps fight inflammation and maintain the skin's moisture balance	Facial products for very dry skin
LEONHYDRINE®AD	Water, Butylene Glycol, Leonurus Japonicus Extract, Aphanothece Sacrum Polysaccharide	Helps fight inflammation and maintain the skin's moisture balance	Facial products for extremely dry skin
SLIM EC3®	Glycerin, Camellia Oleifera Seed Oil/ Hydrogenated Camellia Oleifera Seed Oil Esters, Carnitine, Esculin, Glyceryl Caprylate/Caprate	Triple effect against cellulite	Anti-cellulite creams
STEMPROTECT®	Polysorbate-20, Aqua, Methylacetyl Methylpropanyl Ethylcarbamate, Moringa Oleifera Seed Extract, Citric Acid, Sodium Benzoate, Potassium Benzoate	For a brighter, younger complexion	Face creams, primers, skin sera, BB creams

RHEOLOGY MODIFIER

Trade name	INCI name	Function	Application
INAGEL® Green*	Glucomannan, Polyglyceryl-4 Laurate, Caprylic/Capric Triglyceride, Xanthan Gum	Natural easy-to-use blend with multiple functions including gelling, suspending, thickening, texturising, co-emulsifying and stabilising.	Scrubs, sera, rinse-off products for face and body

* COSMOS certified





PRESERVATIVES AND ANTIMICROBIALS

Trade name	INCI name	Leave-on	Application		Compliance
			Rinse-off	Wet wipes	
Iscaguard OPP	Propylene Glycol, o-Phenylphenol	✓✓	✓✓		
Iscaguard PX	Chloroxyleneol	✓	✓✓		
Iscaguard TC6	Triclosan, Propylene Glycol	✓	✓✓	✓	
Iscaguard VIR	Aqua/ Didecylidimonium Chloride / Benzalkonium Chloride	✓	✓	✓✓	

MULTIFUNCTIONAL AND PRESERVATIVE FREE

Trade name	INCI name	Leave-on	Application		Compliance
			Rinse-off	Wet wipes	
Iscaguard 9093	Aqua, Sodium Benzoate, Sodium Dehydroacetate	✓✓	✓✓	✓	Ecocert
Iscaguard BA	Benzyl Alcohol	✓✓	✓✓	✓✓	Ecocert
Iscaguard BOA	Benzyl Alcohol, Dehydroacetic Acid, Benzoic Acid, Sorbic Acid	✓✓	✓✓	✓✓	Ecocert
Iscaguard BSB	Benzyl Alcohol, Benzoic Acid, Sorbic Acid	✓✓	✓✓	✓✓	Ecocert
Iscaguard DGP	Pentylene Glycol, Caprylyl Glycol, Decylene Glycol	✓✓	✓✓	✓✓	Preservative free
Iscaguard EHG	Ethylhexylglycerin	✓✓		✓	Preservative free
Iscaguard HOD	1,2-Hexanediol, Caprylyl Glycol	✓✓	✓✓	✓	Preservative free
Iscaguard IAF	Aqua, Lactic Acid, Propanediol, Citric Acid, Tartaric Acid, Gluconic Acid	✓✓	✓✓	✓	Ecocert
Iscaguard NK12	Aqua, Sodium Benzoate, Potassium Sorbate	✓✓	✓✓	✓✓	Ecocert
Iscaguard PFA	Phenethyl Alcohol, Caprylyl Glycol	✓✓	✓✓	✓✓	Preservative free

PARABEN FREE LIQUID BLENDS

Trade name	INCI name	Leave-on	Application		Compliance
			Rinse-off	Wet wipes	
Iscaguard 3258	Phenoxyethanol, Propylene Glycol, Decylene Glycol	✓✓		✓	
Iscaguard 9251	Ethylhexylglycerin, Chlorphenesin	✓✓	✓✓	✓	
Iscaguard 9256	Benzyl Alcohol, Caprylyl Glycol	✓✓	✓✓	✓✓	
Iscaguard CIB	Aqua, Triethylene Glycol, Benzyl Alcohol, Propylene Glycol, Methylchloroisothiazolinone, methylisothiazolinone*		✓✓		
Iscaguard CMI	Aqua, Methylchloroisothiazolinone, Methylisothiazolinone*		✓✓		
Iscaguard CPP	Phenoxyethanol, Chlorphenesin	✓✓	✓✓	✓✓	
Iscaguard DMD	DMDM hydantoin, Aqua	✓✓	✓✓	✓✓	
Iscaguard DU	Diazolidinyl Urea	✓✓	✓✓		
Iscaguard EB10	Benzyl Alcohol, Ethylhexylglycerin	✓✓	✓✓	✓	
Iscaguard IPT	Phenoxyethanol, Iodopropynyl Butylcarbamate	✓	✓✓	✓	
Iscaguard IU	Imidazolidinyl Urea	✓✓	✓✓		
Iscaguard MIT	Aqua, Methylisothi-azolinone		✓✓		
Iscaguard OP	Phenoxyethanol, Caprylyl Glycol	✓✓	✓✓	✓✓	
Iscaguard PBD	Phenoxyethanol, Benzoic Acid, Dehydroacetic Acid	✓✓	✓✓	✓	
Iscaguard PE	Phenoxyethanol	✓✓	✓✓	✓✓	
Iscaguard PECB	Phenoxyethanol, Propylene Glycol, Benzoic Acid, Chlorphenesin	✓✓	✓✓	✓✓	
Iscaguard PEG	Phenoxyethanol, Triethylene Glycol	✓✓	✓✓	✓✓	
Iscaguard PEHG	Phenoxyethanol, Ethylhexylglycerin	✓✓	✓✓	✓✓	
Iscaguard PM1	Aqua, Polyaminopropyl Biguanide	✓✓	✓✓	✓	
Iscaguard POA	Phenoxyethanol, Dehydroacetic Acid, Benzoic Acid, Sorbic Acid	✓✓	✓✓	✓✓	
Iscaguard TGB10	Benzyl Alcohol, Triethylene Glycol	✓✓	✓✓	✓✓	

PARABENS AND LIQUID PARABENS

Trade name	INCI name	Leave-on	Application		Compliance
			Rinse-off	Wet wipes	
Iscaguard B	Butylparaben	✓✓	✓✓		
Iscaguard DPM	Propylene Glycol, Diazolidinyl Urea, Methylparaben, Propylparaben	✓✓	✓✓	✓	
Iscaguard E	Ethylparaben	✓✓	✓✓		
Iscaguard FPX2	Phenoxyethanol, Methylparaben, Ethylparaben, Butylparaben, Propylparaben	✓✓	✓✓	✓✓	
Iscaguard M	Methylparaben	✓✓	✓✓		
Iscaguard P	Propylparaben	✓✓	✓✓		

*Not regulated by Annex V (EU Cosmetic Regulation)



CARRIER OILS, ESSENTIAL OILS, CELL WATERS AND BUTTERS

All natural carrier and essential oils and butters listed below have a natural index of 1 according to ISO16125 and are COSMOS-conform.

Typical order quantities are:

- Essential oils: 1/2/5kg, 20-25kg
- Butters: 18-25kg
- Cell water: 20-25kg
- Carrier oils: 5kg, 20-25kg, 190-200kg, 900-950kg

In case other oils, fats or butters are required in larger quantities (> 1t/a), please don't hesitate to contact us for Kerfoot's full product range.





This is our abridged Kerfoot portfolio:

ESSENTIAL OILS

Trade name & Product code	INCI name	Function	Application
Cedarwood Essential Virginian Oil R00538	Juniperus Virginiana Wood Oil	Helps reduce and soothe an itchy, flaking scalp Has anti-inflammatory and antimicrobial properties Ideal for skin conditions such as acne, slightly irritated skin, etc. Is said to improve hair growth	Bath products Facial care Massage oils Hair applications
Chamomile Roman Essential Oil R00120	Anthemis Nobilis Flower Oil	Soothes irritated skin Calming effect on the mind	Massage oils Bath oils Lotions
Ginger Essential Shimoga Indian Kosher Oil R01388	Zingiber Officinale Oil	Antiseptic properties Stimulating, warm, sweet and slightly spicy fragrance	Massage and aromatherapy products Bath oils Skincare Hair care
Rosemary Essential Organic Oil R00359	Rosmarinus Officinalis Extract	When used in low concentrations it soothes and moisturises dry skin, for shiny hair and a healthy scalp	Dry skin treatment Aromatherapy Hair and scalp care Massage oils

BUTTERS

Trade name & Product code	INCI name	Function	Application
Cocoa Deodorised Butter R00502	Theobroma Cacao Seed Butter	Improved storage life due to natural antioxidants Texturizer Emollient	Soaps Lotions
Cupuacu Butter R00152	Theobroma Grandiflorum Seed Butter	Moisturises and soothes skin Reduces skin redness Improves hair elasticity and moisturised hair and scalp	Massage oils Hair care products Skin care products for dry and sensitive skin
Mango Kosher Butter R00247	Mangifera Indica Seed Butter	Refatting and viscosifying agent with light skin feel	Lipsticks Body lotions Hair and body care
Sheanut Refined (Boxed) Butter R00807	Butyrospermum Parkii Butter	For dry fragile hair, for dry aging skin, refined butter has longer shelf life	Lotions & cremas Suntan gels & indoor tanning preparation Soap Lipstick Hair conditioner

CELL WATER

Trade name & Product code	INCI name	Function	Application
Rose Organic Water R00352	Rosa Damascena Flower Water	Soothes and refreshes skin, gives skin more glow, astringent properties	Skin Care



CARRIER OILS

Trade name & Product code	INCI name	Function	Application
Abyssinian Refined Oil R00627	Crambie Abyssinica Seed Oil	Helps soothe dry and itchy skin Protects, smooths and moisturises the skin Stabilising function Provides conditioning and shine to hair	Skin care esp.anti-aging Body care Sun care Hair care
Apricot Kernel Refined Oil R00058	Prunus Armeniaca Kernel Oil	For soft, radiant hair Helps retain skin elasticity, clarity & suppleness Helps to calm irritated skin	Creams Balms Lotions Aromatherapy Massage products Hair treatment lotions Shampoos Baby care
Argan Organic CPD Oil R00062	Argania Spinosa Kernel Oil	Strong antioxidant Calms irritated and blemished skin Moisturises skin Ideal for treatment of dry and brittle hair Antibacterial and antifungal properties	Anti-aging and other skin care products Hair and nail care products Massage products
Avocado Oil Refined Kosher R01257	Persea Gratissima Oil	Recommended for dry skin and irritated skin Is said to have healing properties Moisturiser Excellent carrier properties due to its good penetrating skills Reduces greasiness of emulsions	Alternative to lanolin For massage creams and oils For all skin care applications
Borage Refined 22% Oil R00680	Borago Officinalis Seed Oil	Calms irritated and blemished skin Has astringent properties Good spreading oil Moisturises, soothes, nourishes and softens skin Reduces skin redness often associated with sensitive skins	3-10% recommended in skin and hair care For problem skin/acne Massage oils For itchy and sensitive skin

CARRIER OILS

Trade name & Product code	INCI name	Function	Application
Buriti CP Oil Brazil R00091	Mauritia Flexuosa Fruit Oil	Precious oil with the highest level of beta-carotin of all known oils and can therefore support cell renewal Effective anti-aging oil Can absorb UV-rays Ideal for dry hair treatment Oil with extra quick penetration into skin	Anti-aging and moisturising creams and lotions For pre- and after sun care products For dry and damaged hair treatment
Cottonseed Refined Oil R00146	Gossypium Herbaceum Seed Oil	Texturizer Carrier oil Moisturizing and soothing Anti-aging Anti-inflammatory For healthier hair, moisturises hair and scalp, may reduce dandruff, adds shine to hair, tames hair, may prevent hair breakage	Face cleansers Lipsticks Hair care and styling products
Evening Primrose Refined Oil R00166	Oenothera Biennis Oil	Smoothes skin, improves its elasticity and firmness Soothes irritated, dry and itchy skin	Anti-acne and anti-aging products For sensitive skincare
Hemp Refined Oil R00201	Cannabis Sativa Seed Oil	For smoother, thicker hair Nail strengthening Skin softening and moisturising	Soaps Skin care Body oils Cuticle oils Hair care
Jojoba Organic Refined Oil (Colourless) R00757	Simmondsia Chinensis Seed Oil	Improves the skin's elasticity Ideal for acne prone skin Soothes irritated skin Can reduce dandruff Hydrates skin and scalp	Face and body care Hair and scalp treatment
Jojoba Golden Oil R00436	Simmondsia Chinensis Seed Oil	Improves the skin's elasticity Ideal for acne prone skin Soothes irritated skin Can reduce dandruff Hydrates skin and scalp	Face and body care Hair and scalp treatment
Kiwi Refined Oil R00217	Actinidia Chinensis Seed Oil	Prevents skin from drying and scaling Moisturiser Anti-aging oil	Hair care, esp. conditioners Skin care, especially in facial creams, lip balms, eye creams
Kukui Nut Oil RBDW R00220	Aleurites Moluccana Seed Oil	Nourishes and calms dry, irritated or sunburnt skin Antimicrobial function Good moisturiser	Skin care products
Macadamia Refined Oil R01456	Macadamia Integrifolia Seed Oil	Excellent carrier oil which penetrates quickly into skin Moisturiser (typical applications: 3-10%) Nourishes skin and hair Antioxidative properties Treatment of chapped lips and stretch marks	Body & face moisturisers Lip care Rinse-off and leave-on applications Massage oils
Marula CP Oil R00253	Sclerocarya Birrea Seed Oil	Antioxidant Moisturiser Improves skin complexion Anti-inflammatory effect Anti-aging oil For hair gloss and protection against split ends	For acne-prone skin Massage oils Facial care Hair care Nail care products
Meadowfoam Refined Oil R00255	Limnanthes Alba Seed Oil	Stabilises actives sensitive to oxidation due to its strong antioxidant function Excellent moisturiser Good pigment dispersant For shiny hair Soothing and nourishing for skin	Decorative cosmetics Massage oil Hair care Skin care

CARRIER OILS

Trade name & Product code	INCI name	Function	Application
Monoi Infused Oil R01487	Cocos Nucifera Oil, Gardenia Tahitensis Flower Extract	Skin and hair conditioner with a delicate floral scent Moisturiser Nourishes scalp and hair (brighter, shinier hair, reduction of split ends, less frizz) As this is an oil infused in coconut oil, it has the same benefits as coconut oil	Skincare products Cuticle oils Bath oils Massage oils Conditioners Shampoos Facial and body moisturisers
Olive Organic Extra Virgin Oil Kosher R00024	Olea Europaea Fruit Oil	As an antioxidant oil, olive oil helps protect skin from premature aging, protects skin from free radical damage, smooths skin, strengthens weak and brittle nails, nourishes dry skin and chapped lips, cleanses, hydrates and nourishes hair and scalp, hydrates and cleanses skin, for radiant skin	Facial oils Skin & body care products Face masks Make up removers Anti-aging products Exfoliators After sun products
Olive Refined Oil Kosher R01449	Olea Europaea Fruit Oil	As an antioxidant oil, olive oil helps protect skin from premature aging, protects skin from free radical damage, smooths skin, strengthens weak and brittle nails, nourishes dry skin and chapped lips, cleanses, hydrates and nourishes hair and scalp, hydrates and cleanses skin, for radiant skin	Facial Oils Skin Care Body Care Face Masks Make up removers Anti-aging products Exfoliators After sun products
Papaya Refined Oil R00309	Carica Papaya Seed Oil	Moisturiser, skin cell regenerating oil, exfoliates skin, maintains skin elasticity, good light antioxidant oil, calms itchy, dry and/or irritated skin, for silky, soft and shiny hair, helps mend split ends	Face creams and lotions Shampoos Conditioners Face masks Shower and bath gels
Passion Seed Refined Oil R00311	Passiflora Edulis Seed Oil	Treats dry, aging skin, increases elasticity of skin, light non-comedogenic moisturising oil, can be used to reduce hyperpigmentation, has anti-inflammatory & antioxidative benefits	Anti-aging skin care Hair conditioners Face oils Anti-acne treatment
Plum Kernel CP Oil R00331	Prunus Domestica Seed Oil	Moisturises, nourishes and protects skin and hair, strengthens brittle nails and hair	Massage and aromatherapy products Lip care Hair care Nail care Face and body care
Raspberry Seed CP Oil R00343	Rubus Idaeus Seed Oil	Moisturiser, improves skin elasticity, antioxidant, regenerates skin, natural SPF booster	Anti-aging products Baby Care Sun Care Bath Oils Skin Care
Rosehip Refined Oil R01372	Rosa Canina Fruit Oil	Anti-inflammatory effect (useful for acne-prone skin), for dry, chapped skin, high quality anti-aging oil, for a healthy glowing skin, moisturiser, for shiny soft hair	Lip Care Face Care Body Care Hair Care
Sesame Seed Refined Oil R00834	Sesamum Indicum Seed Oil	Intensive care oil, strong antioxidant natural SPF booster, good carrier oil for actives, hair protectant, soothes dry itchy skin	Massage oils Cosmetics for dry skin Hair treatment products
Sweet Almond BP73 Refined Oil R01088	Prunus Amygdalus Dulcis Oil	Treats dry and sun damaged hair and skin helps prevent premature aging, excellent moisturiser, calms irritated and itchy skin, nourishes and protects skin	Massage products Carrier oil Suitable for all skin types
Sweet Almond USP29-NF24 RBDW Oil R00398	Prunus Amygdalus Dulcis Oil	Treats dry and sun damaged hair and skin helps prevent premature aging, excellent moisturiser, calms irritated and itchy skin, nourishes and protects skin	Massage products Carrier oil Suitable for all skin types
Watermelon Refined Oil R00872	Citrullus Lanatus Seed Oil	Light oil, not occlusive, quick penetrating oil, soothes skin, keeps it soft and subtle	For sensitive skin For acne skin For all skin types

*Available in DE, AT, CH





WHITENING AGENTS FOR ALL PERSONAL CARE APPLICATIONS

Trade name	INCI name	General
KRONOS 1171*	Titanium Dioxide	Anatase form of TiO_2
KRONOS 2071*		Rutile form of TiO_2

*COSMOS certified



FRAGRANCES

We offer a wide range of natural and conventional fragrances for cosmetic applications - contact us for more information

Also available on request: An overview of MANE's natural fragrance selection

OLEOCHEMICALS AND SURFACTANTS

Trade name	INCI name	Functions	Used in
ALKEST® TW 20 WH MB	Polysorbate-20	humectant, anti-static agent, co-surfactant and dispersant/ solubiliser of oils and fragrances.	Shampoos, hand soaps, body washes, mild products such as baby shampoos
ALKEST® CSO 400 H WH	PEG-40 Hydrogenated Castor Oil	Acts as an emulsifier, solubilizer, emollient, dispersing agent and humectant. It is a non-ionic surfactant.	Creams, lotions, masks and sun care
OXIFLOW® S 6800	Sorbeth-450 Tristearate, Water, PEG-9 Cocoate, PEG-32 Distearate (and) PEG-175 Distearate	Nonionic rheology modifier for thickening surfactant based systems, especially salt- and sulfate-free systems, mild, cold-processable	Hair, face and body rinse-off products as well as intimate washes
OXISMOOTH® CO*	Isoamyl Cocoate	Bio-based high-spreading emollient and solubiliser, mild, moisturising, light substantivity, dry skin feeling, natural-based conditioning agent that replaces silicone in skin and hair formulations.	Creams, lotions, deodorants, baby care, hair care and men's care
OXISMOOTH® CP*	Isoamyl Caprylate Caprate	Bio-based, high-spreading emollient and solubiliser, mild, moisturising, light substantivity, dry skin feeling, green emollient with high spreadability and fast absorption.	Creams, lotions, deodorants, baby care, hair care and men's care
OXISENSE® R 1051	On request	Hair conditioner, reduced hair breakage by repairing and sealing cuticles, improved combability of hair	Shampoo, conditioners, leave-on conditioners, combing creams, treatment masks, etc.
OXISENSE® S0440		Conditioning agent for hair to reduce frizz with a pleasant non-greasy effect on hair	Shampoo, conditioners, hair treatment masks, combing creams, 2-in-1 shampoo, leave-in conditioners

* COSMOS natural certification



FUNCTIONAL INGREDIENTS: STEARATES

Zinc Stearates

Trade name	Feature
PALMSTAR ZPR-2-V-MB	
PALMSTAR ZPR-2-V-MI-MB	Undergoes additional microbiological testing

INCI name: Zinc Stearate

Zinc stearate is used as a colourant and anti-caking agent. It has an antimicrobial as well as a water repellent and protective function. Both qualities are kosher, halal and RSPO-certified. The main applications include creams, lotions and make up.

Aluminium Stearates

Trade name	Feature
LIGASTAR AL DT/C-V-MB	Aluminum stearate thickens and stabilises creams and lotions.
LIGASTAR ALG-V-MB	Displays excellent gelling properties and acts as a thixotropic agent and viscosity modifier. Improves the flow and adhesion properties of cosmetic powders and has an astringent effect.
PALMSTAR AL PHARMA-MB	Best gellifying properties, therefore used as stabiliser and thickener in creams and lotions. Additionally, it is a Pharmaquality (EP conform).

INCI name: Aluminium Stearate

Sodium Stearate

Trade name	Feature
PALMSTAR NAV PC-MB	Excellent gelling agent, especially used in deodorant sticks. Emulsifier in other cosmetic formulations. Dust free grade, RSPO-certified

INCI name: Sodium Stearate

Potassium Stearate

Trade name	Feature
PALMSTAR KAV-SG	Surfactant and emulsifier, used as a cleansing agent in cosmetic formulations for body, facial and hair cleansing applications. RSPO-certified (segregated).

INCI name: Potassium Stearate





FUNCTIONAL INGREDIENTS: ANTIMICROBIALS

Trade name	INCI name	Functions	Used in
Silvérion 2400*	Citric Acid, Silver Citrate	Fast acting antimicrobial active and preservative	Deodorants, hand soaps, leave on products, anti-dandruff products, wet wipes, etc. Not for use in oral care.

*Fulfills Ecocert requirements



SURFACTANTS, EMULSIFIERS AND SOLUBILISERS

Emulsifiers

Trade name	INCI name
EMULGANTE® CO-2	Oleth-2
EMULGANTE® CO-5	Oleth-5
MARLIPAL® 1618/11	Ceteareth-11
MARLIPAL® O13/80	Trideceth-8
MARLIPAL® O13/90	Trideceth-9

Solubilisers

Trade name	INCI name
LIPOXOL® and LIPOXOL® MED range	PEG-6 to PEG-150
MARLIPAL® 24/20 to 24/30	Laureth-2 to Laureth-3

Surfactants

Trade name	INCI name
EMULDAC® AS-18	Ceteareth-18
EMULDAC® AS-25	Ceteareth-25
EMULDAC® AS-80	Ceteareth-80
MARLINAT® 242/28	Aqua, Sodium Laureth Sulfate
MARLINAT® 242/70 B	Sodium Laureth Sulfate, Aqua
MARLINAT® 242/70 C	Sodium Laureth Sulfate, Aqua
MARLINAT® 242/90 MC	MIPA-Laureth Sulfate, Propylene Glycol
MARLIPAL® 24/20 to 24/902/32	Laureth-2 to Laureth-9
MARLIPAL® O13/30 to O13/120	Trideceth-3 to Trideceth-12
MARLIPAL® SU	Cetoeth-25
MARLIPON® AT50	TEA Dodecylbenzenesulfonate
MARLOWET® 1072	Laureth-5 Carboxylic Acid

EMOLLIENTS

Mineral Oils

Trade name	INCI name	Characteristics	Function	Used in
Blandol	Paraffinum Liquidum	Low viscosity mineral oil	Excellent emollient and moisturising properties, non-irritating, allergen-free, free from contamination by chemicals and heavy metals. (Purity: FDA/BP/USP/EP)	Baby oils, creams, lotions and make up
Dinol		Medium viscosity mineral oil		Baby oils, creams, lotions
Parol		High viscosity mineral oil		Water-free creams, suncare, hair gels

Please note that this is an abridged version of Sonneborn's mineral oil portfolio. Sonneborn offers a much faster range of qualities. Please don't hesitate to contact us for detailed information.

Natural Sensory Enhancing Agents

Trade name	INCI name	Cone penetration (dmm@25°C)	Applications
Enhanced SonneNatural® Select - Extra	Olus Oil	190	Natural alternative to petrolatum, 100% vegetable-based emollient, moisturiser or dispersant.
SonneNatural®		170	
SonneNatural® H-203		195	
SonneNatural® J-207		210	

Vaseline

Trade name	INCI name	Characteristics	Used in:
SNOWWHITE T5	Petrolatum	Purity: BP/USP/EP, cone penetration 160-180 dmm@25°C, Lovibond Colour 2" cell: 1,5 Y max	Creams, antiperspirants, deodorants, lip balms, hair gels, suncare and ointments
SNOWWHITE SPECIAL		Purity: BP/USP/EP, cone penetration 160-180 dmm@25°C, Lovibond Colour 2" cell: 1 Y max	
SNOWWHITE EC		Purity: BP/USP/EP, cone penetration 160-180 dmm@25°C, Lovibond Colour 2" cell: 2 Y max	

Please note that this is an abridged version of Sonneborn's vaseline portfolio. Sonneborn offers a much faster range of qualities. Please don't hesitate to contact us for detailed information.



NATURAL EMOLLIENTS, EMULSIFIERS AND SOLUBILISERS

Trade name	INCI name	Functions and characteristics	Used in
DUROSOFT® PG4-O*	Polyglyceryl-4 Oleate	Natural emollient and W/O emulsifier, for transparent and/or water free formulations, HLB value 4-6, China compliant, mild	For rich face and body creams, water-free oils and cleansers
DUROSOFT® PG4L-SG*	Polyglyceryl-4 Laurate	Natural W/O emulsifier and wetting agent, HLB 8-10, China-compliant, for low viscosity creams and lotions, light skin feel, mild	For light feel face and body creams and lotions
DUROSOFT® PG10-O*	Polyglyceryl-10 Oleate	Natural O/W emulsifier and wetting agent, sunflower oil based, HLB 8-10, China compliant, has gelling properties, moisturisation and emollience due to lipophilic attributes of the oleic acid chain	For face and body creams, lotions and gels
DUROSOFT® PG10L-SG*	Polyglyceryl-10 Laurate	Natural O/W emulsifier and detergent, HLB 11-12, mild, China compliant	Especially for mild cleansers and body washes as well as creams and lotions
DUROSOFT® PG10CY-MB*	Polyglyceryl-10 Caprylate	Natural solubiliser and cleansing agent, HLB 16-17, non-ionic solubiliser of fragrances and essential oils into water-based systems, alternative to Polysorbate-20 and PEG-40 Hydrogenated Castor Oil	Ideal for liquid soaps, shower gels and micellar waters

SOAP BASES

Stephenson has a large variety of soap and syndet melt and pour bases. Please contact us for detailed information.

*COSMOS approved



Further functional ingredients



NATURAL EMOLLIENTS, EMULSIFIERS AND SOLUBILISERS

INCI name

Chlorhexidine Digluconate

Available in DE

COMPLEXING AGENTS

Product name	INCI name	Feature
EDTA 2Na 99% Powder	Disodium EDTA	
EDTA 2Na 99% Powder	Tetrasodium EDTA	
EDTA 2Na 99% Powder	EDTA	
GLDA	Tetrasodium Glutamate Diacetate	COSMOS-conform For use in soaps only



Further functional ingredients

EMOLLIENTS

INCI name	Function	Applications
Decyl Oleate*	Medium spreading oil, reduces tack	Facial Care Baby Care Body Care Lip Care Hand and Nail Care After Sun Body Oils
Isopropyl Myristate	Highly polar light emollient with excellent spreading properties, solvent for waxes, pigments and lipophilic UV filters, improves shine and combing ability of hair	Skin Care Baby Care Sun Care Colour Cosmetics Bath Products Hair Care
Isopropyl Palmitate	Fast spreading light emollient, pigment binder, diluent solvent and solubiliser for additives in perfume resins, lipstick colours and powders	Body Care Sun Care Hair Care Bath Products Lip Care Colour Cosmetics
Ethylhexyl Stearate	Alternative to isopropyl myristate, mild, medium viscosity medium polar oil, not occlusive, good spreading oil, helps solubilise UV-filters	Lip Care Face Care Body Care Bath Products Sun Care
Caprylic/Capric Triglyceride	Highly polar non-greasy natural oil, very light in texture, excellent skin moisturiser and conditioner, solubiliser for actives	Body Care Baby Care Facial Care Lip Care Colour Cosmetics Bath Products
Caprylic/Capric Triglyceride	Highly polar non-greasy natural oil, very light in texture, excellent skin moisturiser and conditioner, solubiliser for actives	
Caprylic/Capric Triglyceride*	Highly polar non-greasy natural oil, very light in texture, excellent skin moisturiser and conditioner, solubiliser for actives	
Glyceryl Stearate*	Polar emollient, consistency enhancer, weak emulsifier and stabiliser for oil-in-water emulsions, increases viscosity, opacifier	Facial Care Body Care Colour Care Cleansing Products
Glyceryl Stearate self-emulsifying*	Anionic O/W emulsifier, stabiliser, opacifier, emollient, ideal for neutral and alkaline systems,	Hair Care Skin Care Baby Care Sun Care
Cetyl Alcohol*	Thickener in O/W systems, emulsion stabiliser, opacifier	Skin care Deodorant sticks & roll-ons
Stearyl Alcohol*	Thickener in O/W systems, emulsion stabiliser, opacifier	Aerosol foams Hair conditioners Hair colours & dyes
Cetearyl Alcohol*	Thickener in O/W systems, emulsion stabiliser, opacifier	Shaving products Skin cleansers

*Products are natural in origin





Further functional ingredients

MULTIFUNCTIONAL PRODUCTS

INCI name	Functions	Availability
Glycerin*	Moisturiser, skin protective agent, disciplines hair, improves curl definition See our brochure on Glycerin for an overview of all qualities and functions.	DE, AT, CH
Sodium Bicarbonate*	Abrasive, deodorising agent, pH regulator, buffering agent	DE, AT, CH
Sodium Carbonate*		DE, AT, CH
Sorbitol*	Humectant, thickener, texturiser, slip agent, sweetener	DE, CH
Sucralose	Natural exfoliant, humectant, moisturiser and sweetener in oral care.	DE, CH
Urea	Humectant, exfoliant/keratolytic, has antifungal properties	DE, CH

*Products are natural in origin

PROPELLANTS*

Trade name	INCI name	Features
Solstice® ENHANCE	Chlorotrifluoropropene	Non-flammable, ozone friendly
Solstice® Propellant	Tetrafluoropropene	

*Available in DE, AT, CH

SOLVENTS

INCI name	Supplier	Availability
Acetone	Ineos	DE, AT, CH
Ethanol	Tereos Other Alcosuisse	DE AT CH
Isopropyl Alcohol	Ineos, Shell (also available in biocidal quality)	DE, AT, CH
Propylene Glycol	Other	DE, AT, CH

VISCOSITY REGULATORS

INCI name	Availability
Stearic Acid*	DE, AT, CH
Stearyl Alcohol*	

*Products are natural in origin

VITAMINS

Description	INCI name	Availability
Ascorbic Acid*	Ascorbic Acid	CH
d- Calcium Pantothenate	Calcium Pantothenate	CH
3-Pyridincarboxamide	Niacinamide	CH
d-Panthenol 75W	Panthenol	DE, CH
Vitamin E (Natural mixed tocopherols)*	Tocopherol, Helianthus Annuus Seed Oil	DE, AT, CH
Vitamin E Acetate	Tocopheryl Acetate	CH

*Products are natural in origin

Micronisation of Cosmetic Ingredients

Our subsidiary, ACU Pharma und Chemie GmbH in Apolda, has built up expertise in the micronization of cosmetic raw materials since 2002, especially in the fields of:

- Milling and cryogenic milling
- Sieving
- Packing and assembling
- Mixing
- Micronizing
- Oil-coating

ACU can micronize powders up to a particle size of 5 microns. The micronization of raw materials such as color pigments, minerals, organic and herbal substances, vitamins and preservatives can offer several advantages, such as:

- Improvement of dispersion behavior in suspensions
- Faster chemical reactions due to larger reaction surfaces
- Improvement of sensorial behavior, texture and/or viscosity
- Better solubility



Why not benefit from ACU's know-how?
Contact us or ACU directly for more information.

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An Overview of our Services

FORMULATION DEVELOPMENT

Support for innovative new developments of rinse-off and leave-on products for skin and hair applications

FORMULATION ADJUSTMENT

Optimization of formulations with relation to:

- sensorial effect
- pricing
- stability improvement
- optimization of the flow behavior
- specific ingredient claims

SENSORY ASSESSMENT OF FORMULATIONS

Sensory profile assessment based on an expert panel

VISCOSITY MEASUREMENTS

We can measure viscosities over a wide viscosity range (15 mPa.s to 2,000,000 mPa.s) for you with the aid of our Brookfield rotational viscometer.

MEASUREMENT OF RHEOLOGICAL PROPERTIES BY MEANS OF A CONE PLATE RHEOMETER

For application-related viscosity measurements at different shear rates, we have a cone-plate rheometer from Anton Paar with different measuring systems (plate-plate, coneplate) by means of which we can determine:

- viscosity (at different temperatures)
- flow curves (at different temperatures)
- yield points
- thixotropy
- flow properties in defined shear rates.

VISCOELASTICITY VIA OSCILLATION RHEOLOGICAL MEASUREMENTS

Oscillatory measurements are helpful in determining the stability of formulations. We can measure the following parameters for you:

- amplitude sweep
- frequency sweep
- single frequency test

DETERMINATION OF PHYSICOCHEMICAL PARAMETERS

We can determine the following parameters:

- dynamic viscosity (Brookfield viscometer RV-DV2T)
- water content (500 ppm - 100 %), Karl Fischer titrator by Mettler Toledo
- density
- pH-value
- refractive index
- conductivity

MICROSCOPY

Our Leica DM3000 transmitted light microscope can capture the enlargements: 100x / 200x / 400x / 1000x. We offer:

- easy application of imaging transmitted light microscopy of emulsions
- easy application of imaging transmitted light microscopy of emulsions with particle size distribution and result documentation
- complex application of imaging transmitted light microscopy of emulsions (partly by means of polarized light) with particle size distribution, interpretation and result documentation

STABILITY TESTS

All formulations are tested for stability as follows:

- storage stability (-18°C, +4°C, +23°C, +40°C and +50°C) for 3, 6 and 12 months
- freeze/thaw cycle test (formulations are "stressed" at constantly changing temperatures at -18°C, +23°C and +50°C)
- rapid test (centrifugation of 50 ml cuvettes up to 6,000 rpm)





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