



HARKE

HomeCare
I&I
AutomotiveCare



HARKE HomeCare, I&I, AutomotiveCare

HARKE GROUP Home & PersonalCare, I&I Division



**ONE PARTNER.
ONE RESPONSIBILITY.**





HARKE GROUP Home & PersonalCare, I&I Division

- HARKE HomeCare
- HARKE PersonalCare
- HARKE I&I
- HARKE AutomotiveCare

One Partner. One Responsibility.

HARKE GROUP

is a family-owned, international group, offering speciality materials, technical support and customized solutions, including formulating, blending and contract packaging for technical applications.

HARKE HomeCare, I&I, AutomotiveCare

are business units of HARKE GROUP active in the field of the cleaning and detergent industry.

HARKE HomeCare, I&I and AutomotiveCare stands for several years of experience in the distribution of raw materials for these industries. We offer innovative products from international principals and assist you concerning the formulation of new products. Our team is always up to date on the latest trends and new raw materials.



Thorsten Harke | President HARKE GROUP



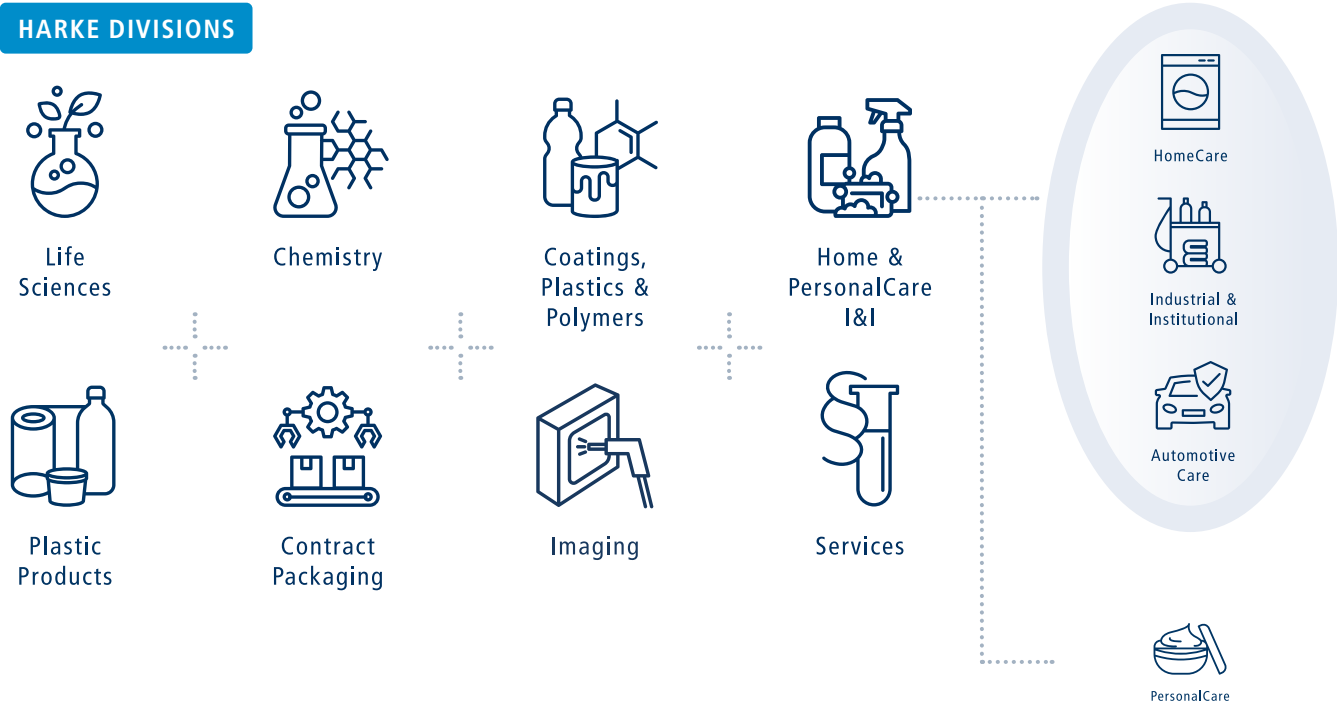
Daniel Neubner | Board Member Chemistry,
Home & PersonalCare, I&I
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Facts & Figures

HARKE GROUP



HARKE DIVISIONS



HARKE HOME & PERSONALCARE, I&I



WORLDWIDE ASSISTANCE

With offices across many European countries and in India, we are able to offer our Partners a local presence. Using local languages, our experts are able to provide advice and assistance, anywhere and at any time.



Our Services

#OnePartnerOneResponsibility

Depending on your needs we can take over the responsibility of the full value chain for you from product development over raw material supply, mixing, blending, packaging until the final product.



COMMERCIAL EXCELLENCE

With more than 40 years experience in the distribution of cosmetic raw materials, we put your individual requirements in the heart of our activities.

EXHIBITIONS & CONGRESSES

You can meet our team on all local and international trade shows across the globe. We welcome you to visit us to learn more about our possibilities and to discuss new projects.

TECHNICAL SUPPORT

We offer excellence in technical service in many application areas. We assist your projects from kickoff to the commercial implementation with R&D support, development of innovative concepts and supply of scientific data. Our experienced technical team is at your disposal for formulation advice and solving your problems.

CUSTOMIZED SOLUTIONS

With several years of experience in the worldwide distribution of raw materials for the cosmetic industry, we focus on our customer needs. We support you with the full technical and commercial services, from the sourcing of raw materials to the development of formulations. Transparent communication, minimizing costs and enhancing your benefits – that is our contribution to your success.

SUPPLY CHAIN MANAGEMENT

Our logistics and customer service teams consider themselves as a part of your value chain. We guarantee batch traceability supported by SAP/ R3. You can count on a qualified supply chain as we use approved warehouse and transport partners only. We offer specific logistic solutions, e.g. just-in-time deliveries, short lead times and consignment stock.

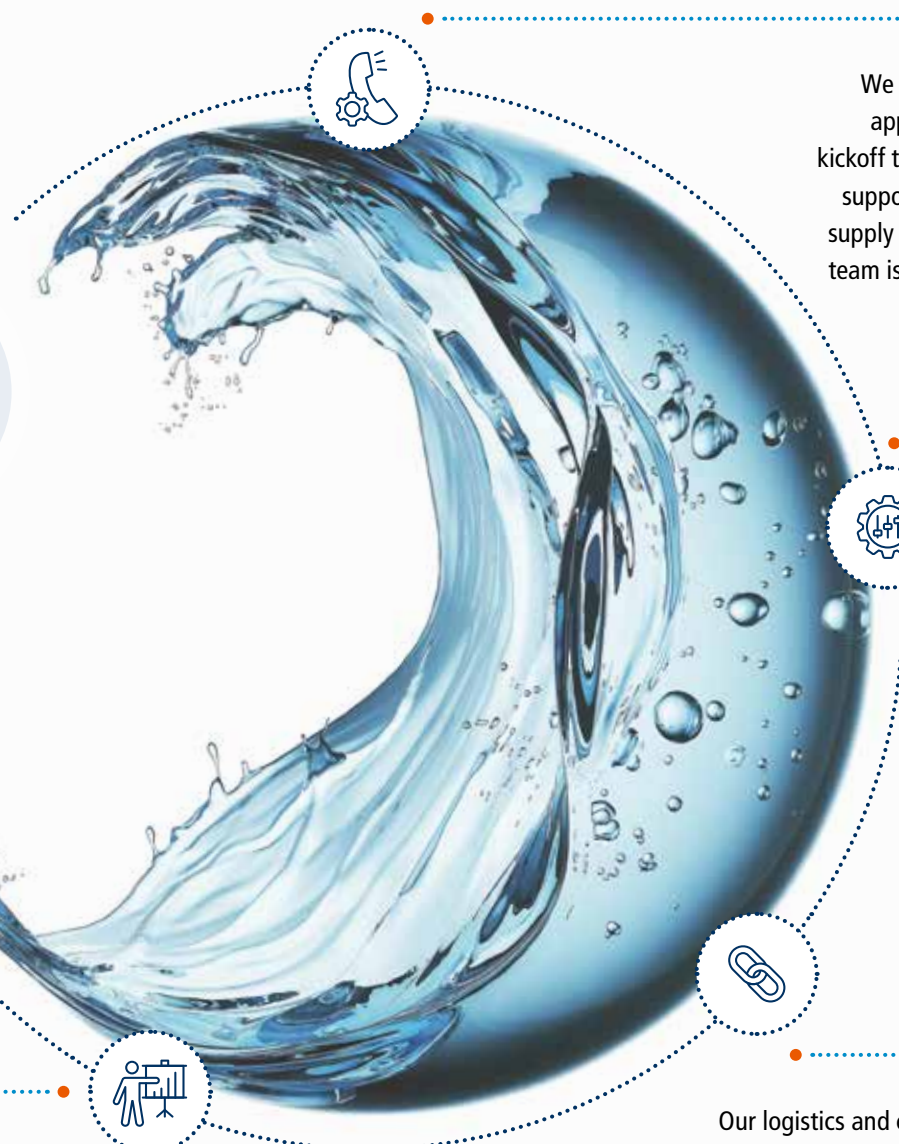


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RCI % > 60



RSPO "Roundtable On Sustainable Palm Oil" mass balance quality available



Only coconut oil feedstock

Products by Application

AIR CARE



Additive	Chemical Name	Benefit
Flexisorb™ OD-120ZnR	Zinc Ricinoleate 20% Active	Concentrated chelate-free zinc salt dispersion readily dilutes in water . Maintains excellent clarity down to 5% as supplied, with excellent cold temperature stability.
Flexisorb™ OD-202	Zinc Ricinoleate 5% Active	Concentrated zinc salt dispersion with anti-resoil ingredients readily dilutes in water, is formulated with soil and stain resist agents that prevent sticky and tacky residues that attract soil on carpeting and upholstery.
Flexisorb™ OD-300	Zinc Ricinoleate 30% Active	Highly concentrated zinc salt dispersion readily forms a microemulsion when diluted in water. Effective against smelly acids, amines, mercaptans and thioethers, including hydrogen sulfide and ammonia. Use as a stand alone odor control agent , or as an additive in hard and soft surface cleaning formulations
Flexisorb™ OD-500	Zinc Ricinoleate 50% Active	Highly concentrated zinc salt dispersion soluble in alcohol and polar organic solvents, and in aqueous surfactant mixtures. High actives, low moisture complex , requires additional stabilizing ingredients.
Flexisorb™ OD-P	Zinc Ricinoleate 100% Active	High-Actives solid soluble in alcohol and polar organic solvents, in aqueous surfactant mixtures, pastilles for easy and convenient handling.

Rheology Modifier	Chemical Name	Benefit
Jaguar® HP-120 	Hydroxypropyl Guar	Renewable polymer extracted from the guar bean, displays rapid hydration effect in hydro alcoholic solutions without the need for neutralization, will tolerate up to 90% Ethanol or Isopropanol . Inclusion level – circa 1 - 1,5%. RCI 71%.
Jaguar® HSG 	Hydroxypropyl Guar	Compatibility with very high alcohol contents, provides homogeneous clear formulations even at 75% alcohol contents, natural based with an RCI of 71%, with all types of active quats, from pH 4 to pH 9 and with standard emollients. Inclusion level – circa 1 - 1,5%.
Rheomer® 33T	Polyacrylates-33	Easily dispersible liquid HASE-polymer which will give viscosity upon neutralized. A pH above 6,5 will give clarity, will tolerate up to 70% ethanol or isopropanol . Inclusion level – circa 4 - 6%.

Solvent	Chemical Name	Benefit
Augeo® Clean Multi 	Isopropylideneglycerol	Excellent carrier and/or diluent for fragrances , outstanding solubilization power, sufficient evaporation rate and low odor extending the air fresheners fragrance. A bio-based solvent with low odor and non toxic, low carbon footprint.
Augeo® Crystal (*) 		Sustainable with a natural content of 66,7% , as it is obtained from the acetalization of renewable sources (glycerin). (*) vegan, feedstock soya bean, biobased
Isopropanol	Isopropylalcohol	Dissolves a wide range of non-polar compounds, evaporates quickly , leaves nearly zero oil traces, compared to ethanol, and is relatively non-toxic, compared to alternative solvents.
Rhodiasolv® Air L UP	Dimethyl Gutarate, Dimethyl Succinate, Dimethyl Adipate	Upcycled solvent used in a variety of Air Care applications, including static diffusers, liquid electric plug-ins, candles, sprays, air freshener gels, aerosol dispensers, scented sachets and automatic air freshening systems.

Surfactant	Chemical Name	Benefit
Alkamuls® CRH 40	PEG-40 Hydrogenated Castor Oil	Effective solubilizer for aqueous and aqueous-alcoholic solutions of fragrances or lipophilic actives, co-emulsifier, stable under neutral, mildly acidic and mildly alkaline conditions.
Mackam® OIP-40	Sodium-2-Ethyl-Hexylimnodipropionate	Low foaming , salt free hydrotrope, good caustic stability, coupling agent, soluble in ethanolic and isopropanolic systems as well as water with good wetting contact angle reduction.



AUTOMATIC DISHWASH



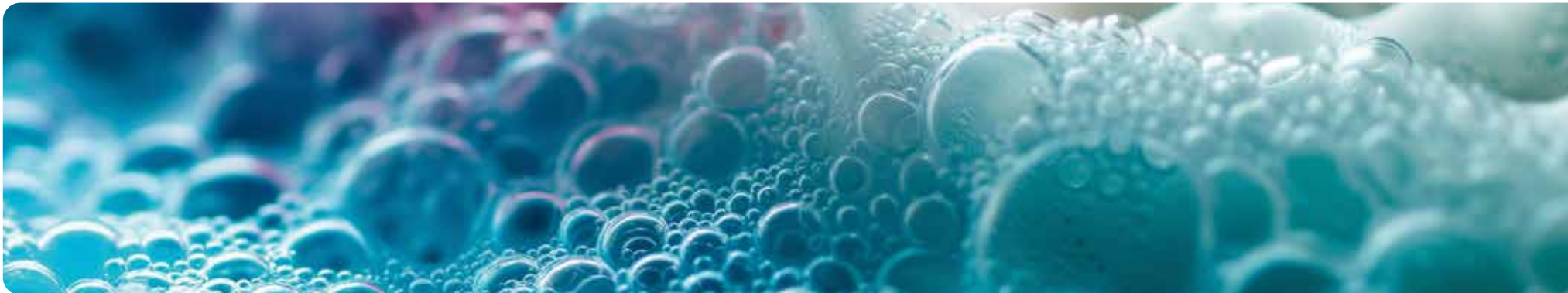
Bleaching Agent	Chemical Name	Benefit
Eureco™ RP103	Phthalimido Peroxycaproic Acid	Dry granular mixture based on PAP crystals, delivers outstanding bleaching, disinfecting and deodorizing effect in low temperature washing. It is suitable for formulating powdered detergents, requires a very low dosage (indicative ratio 1:7 vs. Sodium Percarbonate + TAED). This makes it suitable for manufacturing compact detergents as well as small unit doses. Formulated with high technical standards, optimal dissolution rate with a long lasting shelf life.
Oxyper® SCS, SCM	Sodium Percarbonate	Stabilized grade specially designed for use in laundry (powders and tablets) and in bleach additive products.
TAED	Tetraacetythyldiamin	Enables cleaning effectively and safely at lower temperatures , thereby reducing energy usage and minimizing environmental impact.

Builder & Chelate	Chemical Name	Benefit
Nabion® 15	Co-Granular Soda Ash/Silicate	Builder for dry-mixing process or in post addition for powder and tablet formulation, key functions elimination of Ca and Mg , contribution to alkalinity and liquid absorption, dispersing agent to prevent mineral deposits , due to high alkalinity soil removal in automatic dishwashing and laundry detergents.
Nabion® 26	Co-Granular Soda Ash/Silicate	Sequestering agent (capturing magnesium and calcium) used in the formulation of powders or tablets for washing machines and dishwashers, replacing products that are near end-of-life such as phosphates and zeolite, labelled as non-corrosive , more flexibility in the formulation in respect of consumers safety.

Flexisperse™ 450N	Fully Neutralized Sodium Polyacrylate	Multi-functional ingredient enhances the performance and efficiency of cleaning formulations, sequesters hardness ions allowing for optimum surfactant performance, delivers excellent crystal growth inhibition , anti-encrustation, anti-redeposition of particulate soil, stable builder in high alkaline/bleach I&I cleaners.
Film & Performance Polymer	Chemical Name	Benefit
Mirapol® Surf-N	Natural Polymer Derivative	Creates hydrophilization to multiple Types of surfaces including modern plastic and provides superior water sheeting effect and fast drying for streakless cleaning. Forms an invisible protective layer on surfaces, preventing soil incrustation and providing long lasting cleanliness together with easier next time cleaning.
Mirapol® Surf-S 480 PF NP	Acrylic-Based Polymer	Best-in-class surface hydrophilization polymer designed for ADW applications, outstanding shining and spot-free results on glass and ceramic with a dosage level of 0,5 - 1%. Available as a preservative free or Ecolabel conform version (490-PF) preserved with Phenoxyethanol.
Mirapol® Surf-S P free power NP	Blend of Acrylic Based Polymer and Sodium Carbonate	Granular powder to be used in automatic dish washing (3in 1 tablets or powder) to deliver the rinse aid function, bring superior performances in phosphate-free formulations, avoid spot & streak-free residues on dishware, rinse-aid multi-benefits for all-in-one detergents, easy process: liquid or granulated polymer easy to introduce , no polymer build-up.
Rheology Modifier	Chemical Name	Benefit
Rheozan® BLC 	Water, Cellulose, Glycerin, Xanthan Gum, Cellulose Gum, Sodium Benzoate	Liquid suspension aid , improves compatibility, easily soluble, stable across a wide range of pH, doesn't impact perceived viscosity. Applications: Laundry detergents, dish wash, cleaners, suspending abrasive particles, capsules or actives RCI <90, 100% natural, alternative to synthetic.
Rhodopol® Extra 2 Clear	Xanthan Gum	Cost-efficient in mild acidic media, highly pseudo plastic, useful for thickening and stabilizing, fast solubilisation and processing in acidic media, suitable for clear formulations.
Surfactant	Chemical Name	Benefit
Antarox® LF 54 MB 	Fatty Alcohol Ethoxylate	Detergent with low foaming properties suitable for technical cleaners and rinse aids, also for industrial use, C12/C14 Alcohol 5EO/4 PO. Cloud point 28 - 31 °C.
Antarox® L64	Poloxamer 184	Specialty poloxamer surfactants to be used in detergent or rinse aid applications, perfect option for low foaming and wetting agents. Cloud point 57 - 61 °C.
Antarox® L62	Polaxamer 182	Versatile nonionic surfactant, used in industrial and homecare application such as automatic dish-wash formulations, hard surface cleaners and general cleansers. Cloud point 30 - 34 °C.
HARKE Surf APG 4	C4 Butyl Polyglucoside (APG)	An alkylpolyglucoside, a non-ionic non ethoxylated surfactant prepared from glucose and alcohol, high wetting power for reinforce the spreading and penetration. Very limited up to no foam production.



HAND DISHWASH



Additive	Chemical Name	Benefit
Miracare® Biopacify 	PROPRIETARY	The new fully natural and biodegradable opacifier for laundry and other homecare applications, best sustainable alternative to styrene acrylate copolymers , a blend mixing natural and mineral ingredients, providing opacification even in presence of solvent, can be added at each step of the formulation, during the process or on top, stable in a broad pH range: 2 to 12 and brings stable opacification in low viscosity (100-1000 cPs) formula.
Miracare® OPR 2 	Cocamidopropylbetaine, Glycol Distearate, Sodium Benzoate	Unique natural-based opacifying concentrate , designed as an alternative to polymeric opacifiers, easy to formulate, cold process, no need for heat, concentrate based on renewable resources which degrade naturally in the environment. RCI = 90% , Use level 3 - 4%. No need to add rheological agent if viscosity is > 3000 cps. Provides a rich and creamy appearance. Enhance the intensity of the formulation color!

Film & Performance Polymer	Chemical Name	Benefit
Mirapol® Surf-N	Natural Polymer Derivative	Creates hydrophilization to multiple Types of surfaces including modern plastic and provides superior water sheeting effect and fast drying for streakless cleaning. Forms an invisible protective layer on surfaces, preventing soil incrustation and providing long lasting cleanliness together with easier next time cleaning.
Mirapol® Surf-S 600	Acrylic-Based Polymer	Hydrophilising polymer, provides anti-spotting , anti-streaking, anti-filming, preservative free.
Flexipel SR-80	Acrylic-Based Polymer	Invisible, durable oil soil, soap scum and hard water deposit barrier .

Rheology Modifier	Chemical Name	Benefit
Rheozan® BLC 	Water, Cellulose, Glycerin, Xanthan Gum, Cellulose Gum, Sodium Benzoate	Liquid suspension aid , improves compatibility, easily soluble, stable across a wide range of pH, doesn't impact perceived viscosity. Applications: Laundry detergents, dish wash, cleaners, suspending abrasive particles, capsules or actives. RCI < 90, 100% natural, alternative to synthetic. Perfect match to Mackadet OPR 2.
Surfactant	Chemical Name	Benefit
Ethersulfate 1216/2S 	Sodium Lauryl Ether Sulfate	High surface activity, high foam ability, good viscosity response, low irritation property and excellent hard-water resistance. Readily biodegradable, used as primary surfactants in cosmetic products. Available in 28% and 70% concentration, high pH ⇒ preservative free. Preservation on request if needed.
Geropon® T 77	Sodium Methyl Oleyl Taurate	Mild anionic surfactant that contributes a dense, creamy lather, excellent dispersant for hard water, used as a secondary surfactant, recommended for laundry hand wash and hand dish liquids.
Mackam® 50 ULB  	Cocamidopropyl Betaine	High active grade made from a low colour and odour, coconut feedstock , about 25% more concentrated than typical grades of CAPB, no need for a preservative, excellent stability over a broad range, compatible with both anionic & cationic surfactants. RCI 63%.
Mackam® CBS 50G 	Cocamidopropyl Hydroxysultaine	Robust, high foaming surfactant, excellent foam volume and stability across a wide range of pH and in high electrolyte systems. Excellent lime soap dispersion. RCI 63%.
Mackam® LSB-50 	Lauramidopropyl Hydroxysultaine	Similar to Mackam CBS 50G, but improved color stability, extreme mild amphoteric surfactant. Good soil removal. RCI 60%.
Mackamine® 654 	Decylamine Oxide	Low to moderate foaming properties, compatible with most surfactants, no hydrolyze in acid systems, stable in highly alkaline products, useful in high electrolyte containing cleaners and foamers. RCI 83%.
Mackamine® CAO E-36  	Cocamidopropyl Amine Oxide	Non ionic surfactant providing long lasting foam, high natural based ingredient, viscosity building. RCI 73%.
Mackamine® LA  	Lauramine Oxide	Non ionic surfactant providing long lasting foam and good detergency, foam volume & stability, grease removal. RCI 86%.
Rhodacal® LSS 92/MRP	Sodium C14 Olefin-Sulfonate	Very high foaming surfactants in powder form used in a wide range of formulations
Rhodapex® ESB-70 NAT  	Sodium Lauryl Ether Sulfate	2EO sodium laureth sulfate that is made from 100% renewable carbon . Ethylene oxide is made from sugar cane and fattyalcohol from palm kern oil.



FABRIC CARE



Additive	Chemical Name	Benefit
Miracare® Biopacify 	PROPRIETARY	The new fully natural and biodegradable opacifier for laundry and other homecare applications, best sustainable alternative to styrene acrylate copolymers , a blend mixing natural and mineral ingredients, providing opacification even in presence of solvent.
Miracare® OPR 2 	Cocamidopropylbetaine, Glycol Distearate, Sodium Benzoate	Unique natural-based opacifying concentrate , designed as an alternative to polymeric opacifiers, easy to formulate, cold process, no need for heat, concentrate based on renewable resources which degrade naturally in the environment. RCI = 90% , Use level 3 - 4%. No need to add rheological agent if viscosity is > 3000 cps. Provides a rich and creamy appearance. Enhance the intensity of the formulation color!
Bleaching Agent	Chemical Name	Benefit
Eureco™ RP103	Phthalimido Peroxycaproic Acid	Dry granular mixture based on PAP crystals. Delivers outstanding bleaching, disinfecting and deodorizing effect in low temperature washing. It is suitable for formulating powdered detergents, requires a very low dosage (indicative ratio 1:7 vs. Sodium Percarbonate + TAED). This makes it suitable for manufacturing compact detergents as well as small unit doses. Formulated with high technical standards, optimal dissolution rate with a long lasting shelf life.
Eureco™ LX5	Phthalimido Peroxycaproic Acid	Liquid aqueous mixture containing PAP crystals in stabilized suspension, which exploits superior bleaching and deodorizing performance along with anti-mould and biocidal activity against a wide spectrum of germs and bacteria. Also available with 17% active content (as PAP).
Oxyper® SCS, SCM	Sodium Percarbonate	Stabilised grades specially designed for use laundry (powders and tablets) and in bleach additive products.
TAED	Tetraacetylenediamine	Enables clothes to be cleaned effectively and safely at lower temperatures , thereby reducing energy usage and minimizing environmental impact.

Builder & Chelate	Chemical Name	Benefit
Nabion® 15	Co-Granular Soda Ash/Silicate	Builder for dry-mixing process or in post addition for powder and tablet formulation, key functions elimination of Ca and Mg , contribution to alkalinity and liquid absorption, dispersing agent to prevent mineral deposits , due to high alkalinity soil removal in automatic dishwashing and laundry detergents.
Nabion® 26	Co-Granular Soda Ash/Silicate	Sequestering agent (capturing magnesium and calcium) used in the formulation of powders or tablets for washing machines and dishwashers, replacing products that are near end-of-life such as phosphates and zeolite, labelled as non-corrosive , more flexibility in the formulation in respect of consumers safety.
Flexisperse™ 450N	Fully Neutralized Sodium Poly-acrylate	Multi-functional ingredient enhances the performance and efficiency of cleaning formulations, sequesters hardness ions allowing for optimum surfactant performance, delivers excellent crystal growth inhibition , anti-encrustation, anti-redeposition of particulate soil, stable builder in high alkaline/bleach I&I cleaners.
Flexisperse™ 875	Acrylic/Maleic Polymer	Provides a strong sequestration of hardness ions. Highest calcium binding coefficient.
Film & Performance Polymer	Chemical Name	Benefit
Repel-O-TEX® Crystal	Polyethylene Glycol Polyester	Designed for liquid laundry detergents , imparts soil release properties to polyester fabrics, offering protection against adhesion of greasy soils between wash cycles. Recommended inclusion rate: 1 - 1,5%.
Repel-O-TEX® Crystal NAT 	Polyethylene Glycol Polyester	Natural-based soil release polymer, renewable carbon index: 75%, same performance as Repel-O-Tex® Crystal
Repel-O-TEX® Crystal Premium	Polyethylene Glycol Polyester	Superior soil release performances in liquid laundry cold wash conditions, with improved appearance and performance consistency during liquid laundry shelf-life, enabling anti-stain and malodor control performance in modern laundry habits using cold wash and short cycles in synthetic fabrics
Repel-O-TEX® SF2	Polyaromatic Ester	Designed for powder and tablet laundry , imparts soil release properties to polyester fabrics, offering protection against adhesion of greasy soils between wash cycles. Recommended inclusion rate: 0,5 - 1,0%.
Repel-O-TEX® SRP6	Polyethylen Glycol Polyester	Powdered polymer offering protection against the adhesion of greasy soils to polyester fabrics after two wash cycles, compatible with all powder formulations, powerful boost to soil removal for synthetic and mixed fabrics. Recommended inclusion rate: 0,5 - 1,0%.
Flexisorb™ OD-120ZnR	Zinc Ricinoleate 20% Active	Odor absorber for sports wash, dispersion which readily dilutes in water while (bio-based content) 20% actives maintaining clarity . Bio-based content from castor seed oil.
Flexisorb™ OD-500	Zinc Ricinoleate 50% Active	Highly concentrated zinc salt dispersion soluble in alcohol and polar organic solvents, and in aqueous surfactant mixtures. High actives , low moisture complex, requires additional stabilizing ingredients.



Rheology Modifier	Chemical Name	Benefit
Rheomer® FC NAT 	Guar Gum	Allows formulations of transparent surface cleaner at low usage level, compatible with hydro alcoholic solutions . RCI 82%.
Rheomer® 33T	Polyacrylate -33	Designed to provide a high thickening efficiency , suspension properties & high clarity in low-medium surfactant content systems.
Rhodopol® Extra 2 Clear	Xanthan Gum	Cost-efficient in mild acidic media, highly pseudo plastic, useful for thickening and stabilizing, fast solubilisation and processing in acidic media.
Rheozan® BLC 	Water, Cellulose, Glycerin, Xanthan Gum, Cellulose Gum, Sodium Benzoate	Liquid suspension aid, improves compatibility, easily soluble, stable across a wide range of pH, doesn't impact perceived viscosity. Applications: Laundry detergents, dish wash, cleaners, suspending abrasive particles, capsules or actives. RCI < 90, 100% natural, alternative to synthetic. Perfect match to Mackadet OPR 2.

Surfactant	Chemical Name	Benefit
Ethersulfate 1216/2S 	Sodium Lauryl Ether Sulfate	High surface activity, high foam ability, good viscosity response, low irritation property and excellent hard-water resistance. Readily biodegradable, used as primary surfactants in cosmetic products. Available in 28% and 70% concentration, high pH ⇒ preservative free. We can add preservation on request if needed.
Flexistat™ WR-152	Proprietary Cationic Surfactant	Water-based fabric treatment that is effective in reducing wrinkles in most fabrics. This pH neutral, color safe treatment can be sprayed on casual clothes for hang drying to reduce wrinkles, or can be applied during ironing to give clothing a pressed appearance without being stiffened by starch.
Geropon® T 77	Sodium Methyl Oleyl Taurate	Mild anionic surfactant that contributes a dense, creamy lather, excellent dispersant for hard water, used as a secondary surfactant, recommended for laundry hand wash and hand dish liquids.
Mackamine® MY 	Myristamine Oxide	Excellent detergency, grease cutting & solubilizer. High foaming , hypochlorite and peroxide stable. RCI 88%.
Mackamine® LA  	Lauramine Oxide	Non Ionic surfactant providing long lasting foam and good detergency, foam volume & stability, grease removal . RCI 86%.
Rhodasurf® B7-89	Ethoxylated Fatty Alcohol	Used as a wetting agent and emulsifier, C12/C14 7EO.
Rhodapex® ESB-70 NAT  	Sodium Lauryl Ether Sulfate	2EO sodium laureth sulfate that is made from 100% renewable carbon . Ethylene oxide is made from sugar cane and fattyalcohol from palm kern oil.
Rhodasurf® 6 NAT MB 	Laureth 6	6EO ethoxylated lauryl alcohol that is produced using only vegetable sources and having 100% renewable carbon , used in applications such as modern cleaner as excellent emulsifiers with good detergency and wetting properties but with an outstanding sustainable profile.



Additive	Chemical Name	Benefit
Mirapol Hygiene Boost	Polyquaternium-2	Improves malodor control in standard and disinfecting liquid detergent, offering long lasting bacteriostatic protection to fabric by absorption, also for fabric sanitizer sprays.
Bleaching Agent	Chemical Name	Benefit
Eureco™ LX17	Phthalimido Peroxycaproic Acid	Liquid aqueous mixture containing PAP crystals in stabilized suspension, which exploits superior bleaching and deodorizing performance along with anti-mould and biocidal activity against a wide spectrum of germs and bacteria. Extensive bleach and de-staining activity over a wide range of stains like: grass, tea, coffee, tomato etc. Removal of bad smells (sportswear, laundry machines, appliances). Also available with 5% active content (as PAP).
Film & Performance Polymer	Chemical Name	Benefit
Flexipel™ HR-C400	Confidential	Nonfluorinated water repellent treatment for textiles and upholstery such as cotton, polyester, and cotton/polyester blends with heat cure or ambient cure.
Thetapel™ AM 5010	Acrylic Fluoropolymer	Partially fluorinated product designed for aftermarket, ambient cure, soft surface soil and stain protection applications. Through optimal water and oil repellency when applied to apparel, upholstery, leather, carpeting and nonwoven fabrics.
Thetapel™ AM 5022	Acrylic Fluoropolymer	Solvent based repellent made with acrylic fluoropolymer, provides a repellent barrier on surfaces such as nylon, cotton, wool, polyester, polyolefin, etc. Also leather and upholstery. Both water and oil repellency benefits are provided. Fast drying. Non-VOC where t-butyl acetate is exempt. Soluble in most polar solvents. Can be spray applied.



HARD SURFACE CLEANING



Additive	Chemical Name	Benefit
Flexisorb™ OD-300	Zinc Ricinoleate 30% Active	Highly concentrated zinc salt dispersion readily forms a microemulsion when diluted in water. High actives, readily emulsifiable zinc salt complex, may require additional stabilizing ingredients. Use as a stand alone odor control agent , or as an additive in hard and soft surface cleaning formulations 30% active
Film & Performance Polymer	Chemical Name	Benefit
Flexipel Q-50	Water Based Silane Emulsion	An aqueous, water stable, reactive silane which readily dissolves in water to produce a range of benefits including antistatic, lubricity, water repellency, and scratch resistance . Reduces the coefficient of friction making polishing and wiping easier in hard surface cleaners.
Flexipel SR-80	Acrylic Based Polymer	Aqueous polymer used to impart a hydrophilic and easy clean surface which resists soap scum build-up, hard water deposits, and oily soil, provides spot-free drying and anti-fogging benefits in hard surface cleaners and treatments, functions in neutral, acid, alkaline, and peroxide environments. Acceptable for aerosol application.
Flexipel SR-95 HF	Acrylic Polymer, Amphoteric Surfactant	This functionalized dispersant polymer has built-in detergent , wetting, and haze-free characteristics for use as an additive in bath & shower cleaners, hard surface cleaners, and vehicle cleaners such as one-step self-dry, no rinse, touchless wash. It enhances cleaning and leaves behind a durable barrier which resists the insults of hard water, soap scum, and particulate soils . Acceptable for aerosol application.
Flexishine CP-100	Water Based Mineraloil Emulsion	Concentrated system used to create a one step cleaner, polish and protector, dries quickly, imparting a self-healing, durable film that repels/masks fingerprints and smudges, for use on stainless steel and other hard, non-porous surfaces, can be used between 10 - 35%.

Mirapol® Surf-N	Natural-Based Powder Cationic Polymer	Creates hydrophilization to multiple Types of surfaces including modern plastic and provides superior water sheeting effect and fast drying for streakless cleaning. Forms an invisible protective layer on surfaces, preventing soil incrustation and providing long lasting cleanliness together with easier next time cleaning.
Mirapol® Surf-S 600	Acrylic Based Polymer	Polymer in hard surface cleaners and delivering the following benefits thorough surface modification: water sheeting, spot free, easy cleaning , anti-streak, fast drying, ong lasting , shiny effect.
Mirapol® Surf-S 900	Acrylic Based Polymer	High performance surface protection polymer for use in acidic formulations such as toilet cleaners to provide soil and scale prevention, longer lasting clean effect, easier cleaning, prevents limescale encrustation.
Thetaguard™ HS 3030	Substituted Alkyl Phosphate Esters, Ammonium Salts	Anionic, partially fluorinated repellent and protector. Use for hard surfaces, with little change in appearance. Excellent oil and water repellency and hold-out. Water-based with low VOC. Cannot be spray-applied.
Thetapel™ EC 40	Modified Linseed Oil	Water-based stone enhancer and protector , brings out the color in dull or chalky stone surfaces with minimal gloss. The product also seals and protects the stone surface.
Thetapel™ AM 5022	Acrylic Fluoropolymer	Solvent based repellent made with acrylic fluoropolymer, provides a repellent barrier on surfaces such as concrete, grout, saltillo, travertine, limestone, granite, marble, and slate. Both water and oil repellency benefits are provided. It can be used in solvent-based penetrating sealers and surface treatments. Fast drying. Non-VOC where t-butyl acetate is exempt. Soluble in most polar solvents. Can be spray applied.

Rheology Modifier	Chemical Name	Benefit
Rheomer® 33T	Polyacrylate -33	Designed to provide a high thickening efficiency, suspension properties & high clarity in low-medium surfactant content systems.
Rheomer® FC NAT 	Guar Gum	Allows formulations of transparent surface cleaner at low usage level, compatible with hydro alcoholic solutions. RCI 82%.
Rheozan® 	Succinoglycan Gum	Stable in strong acidic & alkaline media. Enhanced adhesion to surfaces. RCI 100%.
Rheozan® BLC 	Water, Cellulose, Glycerin, Xanthan Gum, Cellulose Gum, Sodium Benzoate	Liquid suspension aid , improves compatibility, easily soluble, stable across a wide range of pH, doesn't impact perceived viscosity. Applications: Laundry detergents, dish wash, cleaners, suspending abrasive particles, capsules or actives. RCI <90, 100% natural, alternative to synthetic.
Rhodameen® O2V/LD	PEG-2 Oleamine	Vegetal based cationic surfactant , emulsifier – thickener.
Rhodopol® Extra 2 Clear	Xanthan Gum	Cost-efficient in mild acidic media, highly pseudo plastic, useful for thickening and stabilizing, fast solubilisation and processing in acidic media.



Surfactant	Chemical Name	Benefit
Aerosol® OT-75 E	Sodium Dioctyl Sulfosuccinate	Excellent wetting , rewetting and levelling agent, also good emulsifying and dispersing properties, reducing surface tension and increasing absorbance and penetration, antistatic and softening properties.
Ethersulfate 1216/2S 	Sodium Lauryl Ether Sulfate	High surface activity, high foam ability, good viscosity response, low irritation property and excellent hard-water resistance, readily biodegradable, used as primary surfactants in cosmetic products. Available in 28% and 70% concentration, high pH ⇒ preservative free. We can add preservation on request if needed.
Flexiwet™ NF	Phosphonsäure, Perfluor-C6-12-Alkyl-Derivate, Phosphinsäure, Bis (Perfluor-C6-12-Alkyl)-Derivate	Low foam, anionic fluorosurfactant with exceptional wetting properties , an excellent choice for wetting difficult to wet surfaces such as plastics, oily substrates and waxy surfaces. Stable in concentrated acids, bases, and oxidizing solutions. Functions as a defoamer in applications such as floor polishes.
Flexiwet™ WBD	Alkohole, C9-11, Ethoxyliert	Designed for cost efficient standalone use, powerful wetting and detergent properties, rapid dynamic surface tension , penetration of oily and particulate soils use for polished granite, polished marble, travertine.
Link 706	Proprietary Blend including Ethoxylated Alcohol	Readily biodegradable surfactant system that delivers low dynamic surface tension critical to optimum cleaning. Superior penetration and removal of oily/greasy particulate soils – ability to clean areas where agitation is restricted . Dilutes clear, which makes product easy to rinse.
Mackam® 50 ULB  	Cocamidopropyl Betaine	High active grade made from a low colour and odour, coconut feedstock , about 25% more concentrated than typical grades of CAPB, no need for a preservative, excellent stability over a broad range, compatible with both anionic & cationic surfactants. RCI 63%.
Mackam® CBS-50G 	Cocamidopropyl Hydroxysultaine	Robust, high foaming surfactant, which gives excellent foam volume and stability across a wide range of pH and in high electrolyte systems. Excellent lime soap dispersion . RCI 63%.
Mackam® H2C-HA 	Sodium Laurimino Dipropionate	Excellent detergent, anti-static, lubricant, stabil 30% NaOH or 10% H₂SO₄ . Compatible with Mirapol® SURF-S polymers it leaves no streaks, which makes it especially suitable for glass cleaners. Compatible with EU Ecolabel for All Purpose Cleaners and Cleaners for Sanitary Facilities. RCI 67%.
Mackam® JCHA	Alkylaminopropionate	Low foaming hydrotrope, excellent wetting , provides very clear rinsing and good hard water tolerance, stable over a wide range of pH, can be used in sprayed hard surface cleaners.
Mackam® OIP-40	Sodium-2-Ethyl-Hexylimnodipropionate	Low foaming, salt free hydrotrope, good caustic stability, coupling agent, soluble in ethanolic and isopropanolic systems as well as water with good wetting contact angle reduction.
Mackamine® 654 	Decylamine Oxide	Pure decylamine oxide that provides detergency with low to moderate foaming properties, compatible with most surfactants, no hydrolyze in acid systems. Stable in highly alkaline products , useful in high electrolyte-containing cleaners and foamers. RCI 83%.
Mackamine® CS  	Cocamine Oxide	Foaming agent, foam booster and foam stabilizer, viscosity modifier, wetting agent and detergent. Good chemical stability and used as a thickener in formulations containing peroxide or hypochlorite . Antistat agent, emulsifier and detergent. Recommended for use in metal cleaning, hard surface cleaners, light duty detergents and textile. RCI 86%.

Rhodacal® LSS 92/RP	Sodium C14-16 Olefin Sulfonate	Very high foaming surfactant used in a wide range of Formulations, such as foaming toilet formulations, in low active formulations such as liquid hand soap, also recommended when special acidic stability is required, perform especially well in cold water, and in the presence of electrolyte.
Rhodafac® H66	Phosphate Ester of Alkylphenol Ethoxylate	Excellent low foam hydrotrope, it increases the solubility of other organic species and is a solubilizer for nonionic surfactants in alkaline formulations. Suitable for improving stability of concentrated products and reducing viscosity of concentrated products in Cleaning In Place, All purpose Cleaning and Spray cleaning formulations.
Rhodafac® HA70	Polyoxyethylene Phenyl Phosphate Ester Acid Form	Low Foam hydrotrope (cloud point > 100 °C)
Rhodapex® ESB-70 NAT MB 	Sodium Laureth Sulfate	Ethylene oxide is made from sugar cane and fattyalcohol from palm kern oil. RCI: 100%
Rhodasurf® 6 NAT MB 	Laureth 6	6EO ethoxylated lauryl alcohol that is produced using only vegetable sources and having 100% renewable carbon . Used in applications such as modern cleaner as excellent emulsifiers with good detergency and wetting properties but with an outstanding sustainable profile.
Rhodoclean® EFC V2 	Propoxylated Ethoxylated Nopol	Excellent cleaning performances, even compared to NPE, extremely low foam behavior, replaces defoamer , decrease your cleaning time: migrates fast to the interfaces, biodegradable (> 60% after 28 days – OECD 301F)
Thetawet™ FS 8100/8150	Nonionic Fluorosurfactants	Short-chain fluorochemical technology, sparingly water-soluble nonionic, effective at low end-use concentration(10 - 100 ppm), offers excellent surface tension reduction. It performs well in severe thermal and chemical environments and is low foaming . Thetawet FS-8150, a 25% aqueous version, has anti-fogging properties, so can be used to impart (or even boost) anti-fog properties of things like glass cleaners.
Thetawet™ FS-8000/8050	Nonionic Fluorosurfactants	Short-chain fluorochemical technology, exceptional surface tension reduction for wetting low-energy substrates such as plastic, metal and glass, nonionic character allows compatibility with all surfactant types. Low-melting, waxy solid (100% active) nonionic fluorosurfactant for use in aqueous, non-aqueous, and solvent-based formulations. Excellent water solubility makes it an ideal product to use when building " super-concentrated " formulations. Foaming product. For ease of handling a 50% aqueous version (Thetawet FS-8050) also available.
Thetawet™ FS-8020EB/8020DB	Anionic Fluorosurfactants	30% active water soluble, low foaming anionic fluorosurfactants, an excellent choice for wetting difficult to wet surfaces such as plastics, oily substrates, waxy surfaces, enhanced gloss development for smoother, more even films in finishes and polishes. Diluent water/glycol ether diethylen (EB) or ethyl glycol (DB) .
Thetawet™ FS-8200/8250	Anionic Fluorosurfactants	Solvent-free, anionic fluorosurfactant (un-neutralized, free acid form) for use in non-aqueous (polar organic) solvent or solvent-free (solid) formulations. Low-melting waxy solid (100% active) which can reduce foaming tendency in coatings while providing powerful wetting and leveling. For easy of handling a water dispersible version (Thetawet FS-8250) is available. It is a very low foaming product, giving excellent wetting and leveling benefits.



AUTOMOTIVE CARE



Film & Performance Polymer	Chemical Name	Benefit
Flexipel Q-50	Water Based Silane Emulsion	An aqueous, water stable, reactive silane which readily dissolves in water to produce a range of benefits including antistatic, lubricity, water repellency, and scratch resistance . Reduces the coefficient of friction making polishing and wiping easier in hard surface cleaners, can be used to provide high water bead-up in drying additive for car wash.
Fleixpel SR-80	Acrylic Polymer	Aqueous polymer used to impart a hydrophilic and easy clean surface which resists soap scum build-up, hard water deposits, and oily soil. Provides spot-free drying and anti-fogging benefits in hard surface cleaners and treatments, as well as for vehicle care including DIY applications with rinse. Functions in neutral, acid, alkaline, and peroxide environments. Acceptable for aerosol application.
Flexipel SR-95 HF	Acrylic Polymer, Amphoteric Surfactants	This functionalized dispersant polymer has built-in detergent , wetting, and haze-free characteristics for use as an additive in bath & shower cleaners, hard surface cleaners, and vehicle cleaners such as one-step self-dry, no rinse, touchless wash. It enhances cleaning and leaves behind a durable barrier which resists the insults of hard water, soap scum, and particulate soils. Acceptable for aerosol application.
Mirapol® Surf-S 310	Acrylic Based Polymer	Designed for vehicle cleaning, water sheeting, spot free , anti streak, long lasting effect SELF DRY
Thetapel™ LP-600	Fluoropolymer	Leather protector which is a ready-to-use, aqueous, spreadable gel emulsion. Provides oil & water repellency , plus soil and stain resistance for leather. Easy to use, by wiping on and rubbing off, does not have artificial sheen.

Rheology Modifier	Chemical Name	Benefit
Rheomer® 33T	Polyacrylate -33	Designed to provide a high thickening efficiency, suspension properties & high clarity in low-medium surfactant content systems.
Rheomer® FC NAT 	Guar Gum	Allows formulations of transparent surface cleaner at low usage level, compatible with hydro alcoholic solutions. RCI 82%.
Rheozan® 	Succinoglycan Gum	Stable in strong acidic & alkaline media. Enhanced adhesion to surfaces. RCI 100% .
Rheozan® BLC 	Water, Cellulose, Glycerin, Xanthan Gum, Cellulose Gum, Sodium Benzoate	Liquid suspension aid , improves compatibility, easily soluble, stable across a wide range of pH, doesn't impact perceived viscosity. Applications: Laundry detergents, dish wash, cleaners, suspending abrasive particles, capsules or actives. RCI <90, 100% natural, alternative to synthetic.
Rhodameen® O2V/LD	PEG-2 Oleamine	Vegetal based cationic surfactant, emulsifier – thickener.
Rhodopol® Extra 2 Clear	Xanthan Gum	Cost-efficient in mild acidic media, highly pseudo plastic, useful for thickening and stabilizing, fast solubilization and processing in acidic media.

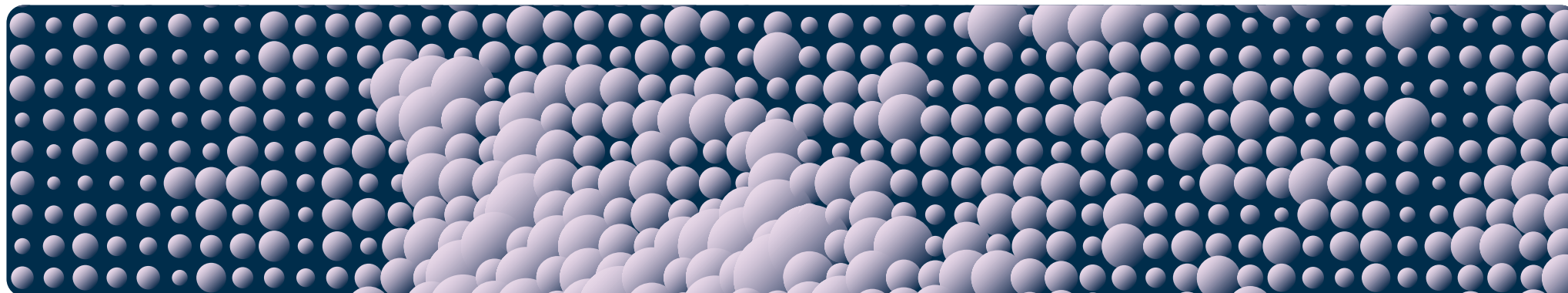
Solvent	Chemical Name	Benefit
Augeo® Clean Multi 	Isopropylideneglycerol	Sustainable solvent with low odor, bio based derived from renewable source, excellent solubilization power , application cockpit cleaner.
Augeo® Crystal (*) 		Sustainable with a natural content of 66,7% , as it is obtained from the acetalization of renewable sources (glycerin). (*) vegan, feedstock soya bean, biobased
Isopropanol	Isopropylalcohol	Dissolves a wide range of non-polar compounds, evaporates quickly , leaves nearly zero oil traces, compared to ethanol, and is relatively non-toxic, compared to alternative solvents.

Surfactant	Chemical Name	Benefit
Ethersulfate 1216/2S 	Sodium Lauryl Ether Sulfate	High surface activity, high foam ability, good viscosity response, low irritation property and excellent hard-water resistance. Readily biodegradable, used as primary surfactants in cosmetic products. Available in 28% and 70% concentration, high pH ⇒ preservative free. Preservation on request if needed.
Flexiclean™ LC-200	Nonionic Surfactant	Leather cleaning concentrate which can be diluted with water for cleaning leather substrates, is pH balanced. Acceptable for aerosol application.



Link 706	Proprietary Blend including Ethoxylated Alcohol	Readily biodegradable surfactant system that delivers low dynamic surface tension critical to optimum cleaning. Superior penetration and removal of oily/greasy particulate soils – ability to clean areas where agitation is restricted . Dilutes clear, which makes product easy to rinse.
Link CWW	Blend	High active wash and wax concentrate, with excellent foaming and detergency. It imparts rapid beading/sheeting properties, resulting in reduced drying time/ water spotting and shine . At higher concentrations, thickens upon dilution.
Mackam® 50 ULB  	Cocamidopropyl Betaine	High active grade of cocamidopropyl betaine made from a low colour and odour, cocnut feed-stock . It is about 25% more concentrated than typical grades of CAPB which makes it hostile to microbial growth, eliminating the need for a preservative. Exhibits excellent stability over a broad range and it is compatible with both anionic & cationic surfactants. RCI 63%.
Mackam® CBS-50G 	Cocamidopropyl Hydroxysultaine	Robust, high foaming surfactant, which gives excellent foam volume and stability across a wide range of pH and in high electrolyte systems . Excellent lime soap dispersion. RCI 63%.
Mackam® DP122	Disodium Cocoiminodipropionate	High Foaming , salt free amphoteric surfactants with good detergency and corrosion inhibition. Both give very stable, dense foam.
Mackam® OIP-40	Sodium-2-Ethyl-Hexylimnodipropionate	Low foaming , salt free hydrotrope, good caustic stability, coupling agent, soluble in ethanolic and isopropanolic systems as well as water with good wetting contact angle reduction.
Mackamine® 654 	Decylamine Oxide	Pure decylamine oxide that provides detergency with low to moderate foaming properties, compatible with most surfactants, no hydrolyze in acid systems. Stable in highly alkaline products, useful in high electrolyte-containing cleaners and foamers. RCI 83%.
Mackamine® CS  	Cocamine Oxide	Non Ionic surfactant providing long lasting foam and good detergency, grease removal. RCI 86%.
Rhodasurf® 6 NAT MB  	Laureth 6	6EO ethoxylated lauryl alcohol that is produced using only vegetable sources and having 100% renewable carbon . Used in applications such as modern cleaner as excellent emulsifiers with good detergency and wetting properties but with an outstanding sustainable profile.
Rhodapex® ESB-70 MB  	Sodium Laureth Sulfate	Ethylene oxide made from sugar cane and fattyalcohol from palm kern oil. RCI: 100% MB quality available on request.
Rhodoclean® EFC V2 	Propoxylated Ethoxylated Nopol	Great cleaner performances, excellent wetting agent, low foam, suitable for high pressure cleaning .

CARPET CARE



Additive	Chemical Name	Benefit
Flexisorb™ OD-202	Zinc Ricinoleate 5% Active	Optimized odor control agent for use on carpeting and upholstered surfaces. Containing stain and resoil resistant ingredients.
Film & Performance Polymer	Chemical Name	Benefit
Flexiclean™ CC-560G	Dispersant Polymer	Used in encapsulating carpet and upholstery cleaning formulations, enhances dry soil pick-up during vacuuming.
Flexisperse™ 220	Carpet Care Polymer	Stand-alone acid rinse: reduces yellowing and neutralizes alkalinity, prevents wick-back and browning .
Flexisperse™ 305	Anionic Polymer Detergent	Dries to a brittle crystalline residue, anti-soil redeposition , enhances stain resistance.
Thetapel™ AM 5010	Acrylic Fluoropolymer	Durable repellent & protector for broad range of substrates. Imparts oil & water repellency. Easier cleaning. Apply with trigger spray or low-pressure sprayer. Do not aerosolize.
Surfactant	Chemical Name	Benefit
Flexiwet™ NF	Phosphonsäure, Perfluor-C6-12-Alkyl-Derivate, Phosphinsäure, Bis (Perfluor-C6-12-Alkyl)-Derivate	Low foam, anionic fluorosurfactant with exceptional wetting properties , excellent choice for wetting difficult to wet surfaces such as plastics, oily substrates and waxy surfaces. Stable in concentrated acids, bases, and oxidizing solutions. Functions as a defoamer in applications such as floor polishes.
Flexiwet™ WBD	Alkohole, C9-11, ethoxyliert	Designed for cost efficient stand-alone use, powerful wetting and detergent properties, rapid dynamic surface tension , penetration of oily and particulate soils use for polished granite, polished marble, travertine,
Mackamine® MY 	Myristamine Oxide	High foam surfactant with excellent viscosity building properties and chemical stability. Particularly useful as an antistatic agent, emulsifier, foam booster and stabilizer, wetting agent. Applications include thickened bleaches, drain cleaners, toilet bowl cleaners and hard surface cleaners. RCI 88%.



HYGIENE



Additive	Chemical Name	Benefit
Mirapol Hygiene Boost	Polyquaternium-2	Improves malodor control in standard and disinfecting liquid detergent, offering long lasting bacteriostatic protection to fabric by absorption, also for fabric sanitizer sprays
Biocide	Chemical Name	Benefit
Actizone® F5 conc.	Concentrate (6X) for Long Lasting Antimicrobial Cleaner with Quat	Aqueous disinfectant/sanitizer formulation, 24h residual activity , highly effective against a range of microorganisms (resistant bacteria to viruses), mixture of two registered quaternary ammonium chloride ("Quat") active ingredients coupled with inert, proprietary polymer technology, provides surface antimicrobial protection against repeated microbial contamination and touches over a 24h period (until reapplication), compatible with multiple surface materials. Biocidal active ingredients for PT 2 + 4 under EU Biocidal Products Directive
Eureco™ RP103, LX17, LX5	Phthalimido Peroxycaproic Acid	Delivers outstanding bleaching, disinfecting and deodorizing effect in low temperature fabric washing, notified and registered in the list of active ingredients of the 'Biocide Products Regulation' with relevance to the following product types: PT 1 + 2

Rheology Modifier	Chemical Name	Benefit
Jaguar® HP-120 	Hydroxypropyl Guar	Renewable polymer extracted from the guar bean, displays rapid hydration effect in hydro alcoholic solutions without the need for neutralization, will tolerate up to 90% Ethanol or Isopropanol , provides homogeneous translucent formulations. Inclusion level – circa 1 - 1,5%. RCI 71%.
Jaguar® HSG 	Hydroxypropyl Guar	Compatibility with very high alcohol contents, provides homogeneous clear formulations even at 75% alcohol contents, natural based with an RCI of 71% . With all types of active quats, from pH 4 to pH 9 and with standard emollients. Inclusion level – circa 1 - 1,5%.
Rheomer® 33T	Polyacrylates-33	Easily dispersible liquid HASE-polymer which will give viscosity upon neutralized, pH above 6,5 will give clarity, will tolerate up to 70% ethanol or isopropanol . Inclusion level: circa 4 - 6%.
Rheozan® BLC 	Water, Cellulose, Glycerin, Xanthan Gum, Cellulose Gum, Sodium Benzoate	Liquid suspension aid , improves compatibility, easily soluble, stable across a wide range of pH, doesn't impact perceived viscosity. Suspending abrasive particles, capsules or actives. RCI < 90, 100% natural, alternative to synthetic.

Solvent	Chemical Name	Benefit
Augeo® Clean Multi 	Isopropylideneglycerol	Sustainable solvent with low odor, bio based derived from renewable source, excellent solubilization power , application cockpit cleaner.
Augeo® Crystal (*) 		Sustainable with a natural content of 66,7% , as it is obtained from the acetalization of renewable sources (glycerin). (*) vegan, feedstock soya bean, biobased
Isopropanol	Isopropylalcohol	Dissolves a wide range of non-polar compounds, evaporates quickly , leaves nearly zero oil traces, compared to ethanol, and is relatively non-toxic, compared to alternative solvents.

Surfactant	Chemical Name	Benefit
Mackadet® 40-K  	Potassium Cocoate	High foaming naturally derived surfactant, ideal for liquid hand soaps . Also good lubricant for e.g. conveyor systems.
Rhodapon® CAS-100/N  	Sodium Coco Sulfate	Derived from coconut oil, alternative to SLS. Easily dispersed in water, excellent lathering and thickening of formulations. Some conditioning properties . RCI 100% .



Products by Categories A - Z

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Our Partners & Products

Our raw materials enable your detergents and disinfectants to fight dirt, scale and bacteria effectively and make cleaning for your customers in household easy. We have a large product portfolio of certified raw materials and additives. Our products are used in the production of many different detergents and disinfectants: Starting from washing powders, dish washing liquids and multi purpose cleaners up to the production of special detergents. Whether shining bright, streak free gleaming or absolutely clean – we deliver high quality products for clean results. Our raw materials provide that your clean care product will not give scale, soil and bacteria any chance, making cleaning a lot easier for the users household.

HARKE Chemicals

Home & PersonalCare

Our own brand to offer solutions for formulation challenges.

- HARKE Surf

HARKE UK & Ireland

Specialities

Dynamic company offering an application and formulation led approach to chemical distribution.

- Link



Builder

With more than 50 years of experience with alkali silicates and co-granulation processes, company, focusing on the detergent industry.

- Nabion®



Odor Absorbs, Carpet Care

Expert in surface modification technologies. Active in different market segments as household, hard surfaces, carpets and many more.

- Flexipel
- Flexisorb™
- Flexisperse™
- Thetaguard™
- Flexiclean
- Thetawet™



Percarbonate

Supplying the chemical industry with a wide range of Percarbonate solutions.

- Oxyper®



Rheologymodifier

Focus on biopolymers with unique thickening properties offering considerable formulation flexibility and facilitating finished-product ease in use for the consumer.

- Rhodopol®

Our experience combining the expectations of our Principals with the needs of our customers means that we have a focused list of products, from hand-picked principals, ideally suited to the possible applications of our customers. This helps us to offer the outstanding and well-known HARKE service level!



Fragrances Ecolabel Compliant

Creator and manufacturer of high quality fragrances and aromatic ingredients.

- Fragrances

SOLVAY

Peroxides – PAP

Supplying the chemical industry with a wide range of Peroxide solutions.

- Eureco™
- Ixper®

SOLVAY

Solvent

Leader in the production of solvents, phenol and derivatives in Latin America and one of the global leaders in oxygenated solvents.

- Augeo®



Novecare – Surface modifier

World number one producer of specialty surfactants. A major player in polymers, amines, guar, and phosphorus derivatives.

- Mirapol® Surf-S
- Naternal®
- Repel-O-Tex®
- Rheozan®
- Rheomer®
- Jaguar®

VERDANT
A SAMYANG COMPANY

Surfactants

Leading provider of surfactants and specialty chemicals for the personal care, home and hygiene, and industrial markets.

- Mackam®
- Mackamine®
- Mirataine®

HARKE GROUP

#TheRightChemistry

#ConnectingWorldMarkets

#OnePartnerOneResponsibility



Our CleanSolutions

#OnePartnerOneResponsibility

Depending on your needs we can take over the responsibility of the full value chain for you from product development over raw material supply, mixing, blending, packaging also into water soluble film until the final product.



COMMERCIAL EXCELLENCE

With more than 15 years experience in handling and more than 50 years in distributing water-soluble foils, we put your individual requirements in the heart of our activities.

MIXING, BLENDING & MASS PRODUCTION

Our mixing & blending team as also our packing team consider themselves as a part of your value chain. We guarantee batch traceability supported by SAP/R3. You can count on a qualified supply chain as we use approved warehouse and transport partners only. We offer specific logistic solutions, e.g. just-in-time deliveries, short lead times and consignment stock.

DEVELOPMENT

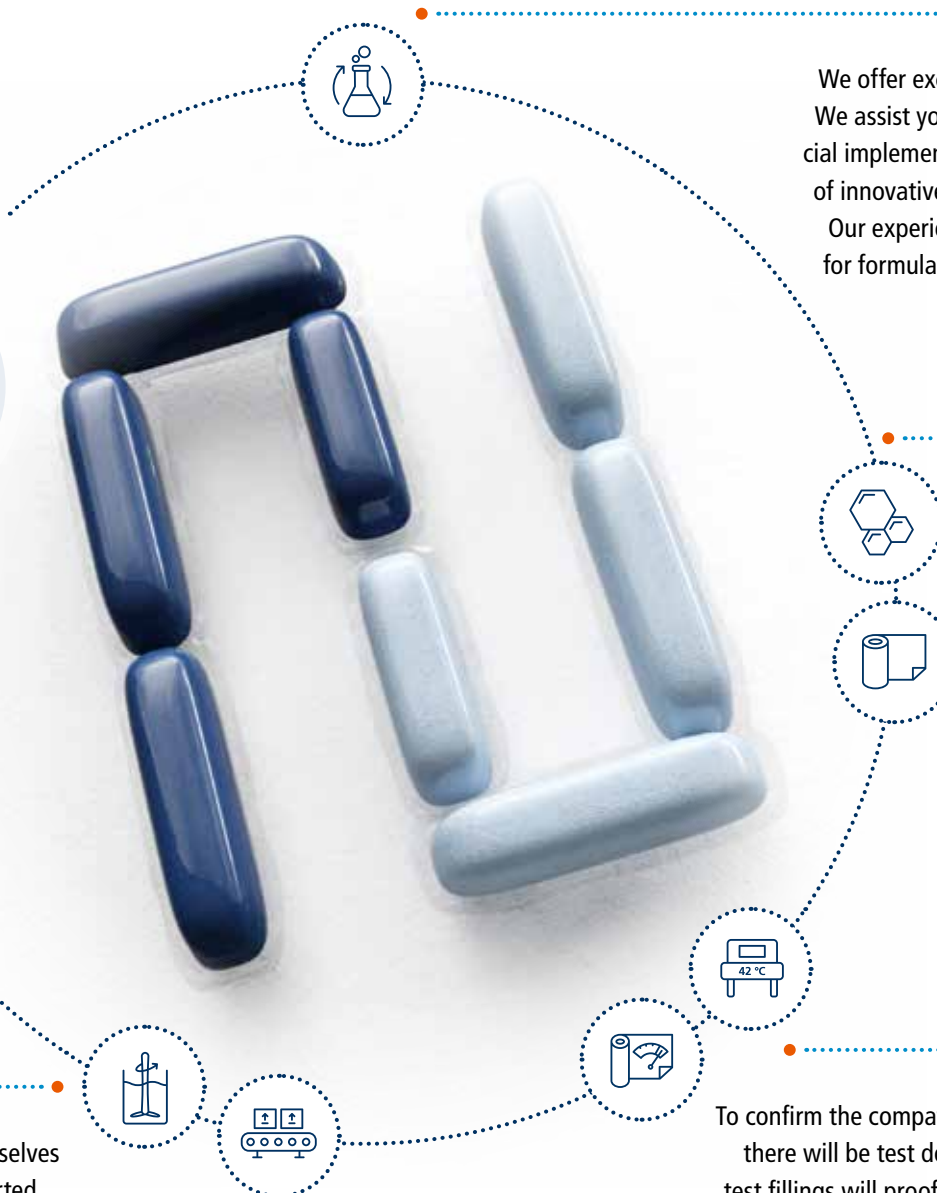
We offer excellence in innovative capsule concepts. We assist your projects from kickoff to the commercial implementation with R&D support, development of innovative concepts and supply of scientific data. Our experienced technical team is at your disposal for formulation of suitable compositions and selection of the compatible film types.

RAW MATERIALS & FILMS

With several years of experience in the development of innovative products, we focus on our customer needs. We support you with the full technical and commercial services, from the sourcing of raw materials to the compatible PVA specialized foils for your compositions.

TESTING & TEST FILLINGS

To confirm the compatibility of your formulation with the film there will be test done in the climate chambers. Additional test fillings will proof your concept. Transparent communication, minimizing costs and enhancing your benefits – that is our contribution to your success.



Our Commitment to Sustainability

We take responsibility for our actions as part of our promise to care for both people and the environment. Our sustainability targets focus on crucial issues such as safety, health and environmental protection, resource efficiency and legal compliance.

We are proud on the passion of our employees for the topic of sustainability and provide full management support. As a consequence, a dedicated sustainability task force was put in place with the goal to define yearly targets incl. corresponding assessment tool, to build a comprehensive report and to transfer it into the daily HARKE business processes, company culture and inter-faces with our partners. Let's further grow sustainability together!

Compliance

Legal compliance is a foundation for our activities. In order to meet the requirements of relevant legislation, we have established a long-standing team of experts in various fields (e.g. REACH, GHS/CLP, Dangerous Good Transport, regulations related to Biocidal, Detergent, Cosmetic, Pharmaceutical and Food products). Through intensive training of our employees, we ensure careful, safe and responsible handling of our products to protect people and the environment. We support both our customers and suppliers in implementing these regulations to ensure safe and compliant handling of our products along the entire supply chain.

Quality

The continuous improvement of the quality of our products, services and processes is an essential part of our corporate policy. We aim to not only meet but also exceed the expectations of our partners. We have implemented and certified quality management systems in all relevant areas:



DIN EN ISO 9001
Basic of our
quality management
HARKE Chemicals GmbH



DE-ÖKO-039
(EU/non-EU Agriculture)
Raw materials from
organic farming



Responsible Care
Responsible handling of
chemicals beyond legal
requirements



IFS-HPC2-Certification
High quality requirements in
production mean safe products
for the consumer

Responsibility

We take responsibility for our actions as part of our promise to care for both people and the environment. For more than 20 years we have been actively participating in the Responsible Care Initiative supported by VCH, FECC and ICTA in the areas of product responsibility, plant safety, occupational health and safety, environmental protection, transport safety and dialogue with the public. Furthermore we are committed to the FECC Ethical and Business Principals.

Why HARKE

**Countless Opportunities for a Successful
and Future-Oriented Collaboration.**



10 Reasons to Collaborate With HARKE

relevant portfolio | long-standing business relationships
growing company group | excellent technical know-how | responsible partner
fast action | sustainable enterprise | digitization
table management | passionate people

one group of **16** companies | **16** offices worldwide | **7** divisions
25 business units | **15** diverse service functions | **3** laboratories over
230 employees working with **35** industries in more than **63** countries on
4 continents | **2** production sites with over **3,000** customers
and more than **40,000** deliveries per year



HARKE Chemicals GmbH
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