



## Home & PersonalCare



HARKE GROUP Home & PersonalCare, I&I Division

**ONE PARTNER.  
ONE RESPONSIBILITY.**



Home & PersonalCare



## 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 Home & PersonalCare

are business units of HARKE GROUP active in the field of the cosmetic industry.

HARKE Home & PersonalCare stand for several years of experience in distribution of raw materials for the detergent and cosmetic industry. 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 last trends and new raw materials.



Thorsten Harke | President HARKE GROUP



Jens Prinssen  
Board Member Home & PersonalCare, I&I  
Managing Director HARKE Chemicals GmbH

### HARKE GROUP Home & PersonalCare, I&I Division

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

# Facts & Figures

## HARKE GROUP

### TURNOVER

€ 226 Mio.

in 2022

### EMPLOYEES

230

Group-wide

### OFFICES

17

Worldwide

### DISTRIBUTING IN

63

Countries

### FOUNDED

1965

Mülheim an der Ruhr

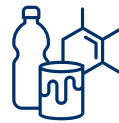
## HARKE DIVISIONS



Life  
Sciences



Chemistry



Coatings,  
Plastics &  
Polymers



Home &  
PersonalCare  
I&I



HomeCare



PersonalCare



Plastic  
Products



Contract  
Packaging



Imaging



Services



Industrial &  
Institutional



Automotive  
Care

## HARKE HOME & PERSONALCARE, I&I

### TURNOVER

€ 22 Mio. in  
top 5 regions  
in Europe

### SERVICING

>35  
Industries

### PARTNERS

>35 manufacturers  
>950 products  
Europe-wide

### LABORATORIES

4  
Germany, UK

### ACTIVE CUSTOMERS

>1200 in  
top 5 regions  
in Europe

### COMPETITION

Top 45 Chemical  
Distributors in EMEA  
Leading specialty  
distributor for HPC

**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 and detergent 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 and detergent 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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## PRODUCTS BY CATEGORY PERSONALCARE



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# Products by Categories HomeCare, I&I and AutomotiveCare



## Additives

<b>Flexisorb™ OD-202</b>	Zinc Ricinoleate 5% active	Concentrated zinc salt dispersion with <b>anti-resoil</b> 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.
<b>Flexisorb™ OD-120ZnR</b>	Zinc Ricinoleate 20% active	Concentrated chelate-free zinc salt dispersion <b>readily dilutes in water</b> . Maintains excellent clarity down to 5% as supplied, with excellent cold temperature stability.
<b>Flexisorb™ OD-300</b>	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 <b>stand alone odor control agent</b> , or as an additive in hard and soft surface cleaning formulations.
<b>Flexisorb™ OD-500</b>	Zinc Ricinoleate 50% active	Highly concentrated zinc salt dispersion soluble in alcohol and polar organic solvents, and in aqueous surfactant mixtures. <b>High actives, low moisture complex</b> , requires additional stabilizing ingredients.
<b>Flexisorb™ OD P</b>	Zinc Ricinoleate 100% active	<b>High-Actives solid</b> soluble in alcohol and polar organic solvents, in aqueous surfactant mixtures, pastilles for easy and convenient handling.
<b>HARKE Surf SME</b>	Soyethyl Morpholinium Ethosulfate	Cationic surfactant that neutralizes a wide range of unpleasant odors, forms a complex with volatile organic molecules, minimizing their potential for producing odors and lowering their intensity in the air. <b>Easy to formulate</b> , completely water soluble without the need of additional solubilizers. Effective in complexing and eliminating airborne and surface malodors such as tobacco, vegetable smells, body odor, animal scents and cooking fat.

## Biocides

<b>Chlorhexidine Digluconat 20% Solution</b>	1,1-Hexamethylenbis [5-(p-Chlor-Phenyl)Biguanide] di-D-Gluconate	Biocidal active ingredients for <b>PT 1,2,3</b> under EU Biocidal Products Directive, positively charged -> reacts with the negatively charged microbial cell surface, thereby destroying the integrity of cell membranes, penetrates into the cell and causes leakage of intracellular components leading to cell death.
<b>Eureco™ RP103, LX17, LX5</b>	Phthalimido Peroxycaproic Acid	Delivers outstanding bleaching, <b>disinfecting</b> 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: <b>PT 1 + 2</b>



## Bleaching Agents

Eureco™ RP103	Phthalimido Peroxycaproic Acid	Dry granular mixture based on PAP crystals, delivers outstanding bleaching, disinfecting and deodorizing effect in <b>low temperature</b> washing, suitable for formulating powdered detergents, requires a <b>very low dosage</b> (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™ LX17 or LX5	Phthalimido-Peroxycaproic Acid	Liquid aqueous mixture containing PAP crystals in stabilized suspension, which exploits <b>superior bleaching</b> and deodorizing performance along with anti-mould and biocidal activity against a wide spectrum of germs and bacteria. Available with 17% or 5% active content (as PAP). 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).
Oxyper® SCS, SCM	Sodium Percarbonate	Stabilised grades specially designed for use laundry (powders and tablets) and in bleach additive products.

## Builders & Chelates

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 <b>excellent crystal growth inhibition</b> , anti-encrustation, anti-redeposition of particulate soil, stable builder in high alkaline/bleach I&I cleaners
Flexisperse™ 875	Acrylic/Maleic polymer	Provides a <b>strong sequestration</b> of hardness ions. Highest calcium binding coefficient.

## Film Formers & Performance Polymers

Flexiclean™ CC-560G	Dispersant Polymer	Used in encapsulating carpet and upholstery cleaning formulations, enhances <b>dry soil pick-up</b> during vacuuming.
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.
Flexipel Q50	Water Based Silane Emulsion	An aqueous, water stable, reactive silane which readily dissolves in water to produce a range of benefits <b>including antistatic, lubricity, water repellency, and scratch resistance</b> . Reduces the coefficient of friction making <b>polishing and wiping easier</b> in hard surface cleaners, can be used to provide high water bead-up in drying additive for car wash.
Flexipel SR-80	Acrylic Based Polymer	Aqueous polymer used to impart a <b>hydrophilic and easy clean surface</b> which resists soap scum build-up, hard water deposits, and oily soil, 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 Based Polymer, Amphoteric Surfactants	This <b>functionalized dispersant polymer has built-in detergent</b> , wetting, and haze-free characteristics for use as an additive in bath & shower cleaners, hard surface cleaners, and <b>vehicle cleaners</b> 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 <b>stainless steel</b> and other hard, non-porous surfaces, can be used between 10-35%.
Flexisperse™ 220	Carpet Care Polymer	Stand-alone acid rinse: reduces yellowing and neutralizes alkalinity, <b>prevents wick-back</b> and browning.
Flexisperse™ 305	Anionic Polymer Detergent	Dries to a brittle crystalline residue, <b>anti-soil redeposition</b> , enhances stain resistance.
Thetapel™ AM 5010	Acrylic Fluoropolymer	Partially fluorinated product designed for aftermarket, ambient cure, soft surface <b>soil and stain protection</b> applications. While it offers protection to a broad range of surfaces, specifically designed to impart soil and stain protection, through optimal water and oil repellency when applied to apparel, upholstery, leather, carpeting and nonwoven fabrics. Exhaust application in laundry wash rinse cycle, followed with normal drying.



### Film Formers & Performance Polymers

<b>Thetapel™ AM 5022</b>	Acrylic Fluoropolymer	Solvent based repellent made with acrylic fluoropolymer, provides a <b>repellent barrier</b> on surfaces such as nylon, cotton, wool, polyester, polyolefin, etc. Also leather and upholstery. 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.
<b>Thetapel™ EC 40</b>	Modified Linseed Oil	Water-based <b>stone enhancer and protector</b> , brings out the color in dull or chalky stone surfaces with minimal gloss. The product also seals and protects the stone surface.
<b>Thetaguard™ HS 3030</b>	Substituted Alkyl Phosphate Esters, Ammonium Salts	Anionic, partially <b>fluorinated repellent</b> 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
<b>Thetapel™ LC600</b>	Fluoropolymer	<b>Leather protector</b> which is a ready –to-use, aqueous, spreadable gel emulsion. Provides a <b>oil &amp; water repellency</b> , plus soil and stain resistant for leather. Easy to use, by wiping on and rubbing off, does not have artificial sheen.

### Rheology Modifiers

<b>SOLAGUM™ EG</b>	Sodium acrylate & Sodium acryloyldimethyl taurate copolymer & Isohexadecane & Polysorbate 80	Rheology modifiers are used to thicken and emulsify a broad pH range of detergent formulations, liquid grades are polymers in inverse emulsion that disperse <b>easily and immediately increase the viscosity</b> of aqueous phases to give non-thixotropic and pseudoplastic gels.
<b>SOLAGUM™ EL X</b>	Ammonium acryloyldimethyltaurate & Dimethylacrylamide copolymer	Powder has <b>outstanding resistance to electrolytes</b> and allows forming clear gels.
<b>SOLAGUM™ AX</b>	Acacia & Xanthan gum	Fully <b>bio-sourced</b> grade in powder.

### Solvents

<b>Augeo® Clean Multi</b>		<b>Sustainable solvent</b> with low odor, bio based derived from renewable source, <b>excellent solubilisation power</b> , application cockpit cleaner.
<b>Augeo® Crystal (*)</b>	Isopropylideneglycerol	Sustainable with a natural content of 66,7%, as it is obtained from the acetalization of renewable sources (glycerin). (*) <b>vegan, feedstock soya bean, biobased</b>
<b>Augeo® Clean Plus</b>	Methyl Isobutyl Glycerol Formal	Solvent from a <b>renewable source</b> developed for surface care segment into homecare and industrial & institutional markets, the main applications are multipurpose cleaners, waxes, polishes and polish removers, <b>degreasers</b> , glass cleaners and specialty cleaners.

### Surfactants

<b>Cepsinol® -es 1216/2S</b>	Sodium Lauryl Ether Sulfate	High surface activity, <b>high foam</b> ability, good viscosity response, low irritation property and excellent hard-water resistance. Readily biodegradable, used as primary surfactants in cosmetic products. Available in <b>28% and 70%</b> concentration, high pH _ preservative free. Preservation on request if needed.
<b>Flexiclean LC200</b>	Isodecylalkohol, ethoxyliert	Leather <b>cleaning concentrate</b> which can be diluted with water for cleaning leather substrates, is pH balanced. Acceptable for aerosol application.
<b>Flexistat™ WR-152</b>	Proprietary Cationic Surfactant	Water-based fabric treatment effective in <b>reducing wrinkles</b> in most fabrics, 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.
<b>Flexiwet™ NF</b>	Phosphonsäure, Perfluor-C6-12-Alkyl-Derivate, Phosphinsäure, Bis (perfluor-C6-12-alkyl)-Derivate	Low foam, anionic fluorosurfactant with <b>exceptional wetting properties</b> , 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 <b>defoamer</b> in applications such as floor polishes.
<b>Flexiwet™ WBD</b>	Alkohole, C9-11, ethoxyliert	Designed for cost efficient standalone use, powerful wetting and detergent properties, <b>rapid dynamic surface tension</b> , penetration of oily and particulate soils use for polished granite, polished marble, travertine,












RCI % &gt; 60












Only coconut oil feedstock

## Surfactants

<b>HARKE Surf 100 NC</b> 	Sodium Decylglucosides Hydroxypropylsulfonate	High foaming sulfonated surfactant based on a naturally-derived alkyl polyglucoside derivative, <b>good emulsification</b> , mildness to the skin, and excellent lime soap dispersion to give the formulator maximum flexibility in the preparation of light and heavy-duty cleaners, suitable for <b>use in acidic</b> formulations.
<b>HARKE Surf Muls D6</b> 	Sorbitan Oleate Decylglucoside Crosspolymer	PEG-free, nonionic emulsifier made from <b>100% bio-based raw materials</b> . Mostly hydrophilic, dispersible in water, soluble in varying degrees in organic liquids, used for oil-in-water (O/W) emulsification and dispersion of fragrances and all types of oils, compatible with nonionic, cationic and anionic ingredients and effective in systems with relatively high levels of electrolyte, acid or base.
<b>HARKE Surf Nate 100P</b> 	Sodium Hydroxypropylsulfonate Decylglucoside Crosspolymer	High foaming sulfonated surfactant based on a naturally-derived alkyl polyglucoside derivative, good emulsification, mildness to the skin, <b>excellent lime soap dispersion</b> to give the formulator maximum flexibility in the preparation of light and heavy duty cleaners. Stable at any pH
<b>HARKE Surf Suga Fax</b> 	Sodium Decylglucosides Hydroxypropyl Phosphate	100% biobased, nonpetroleum based, EO/PO Free, readily biodegradable, safe for the environment and humans, mild to eyes and skin, rapid wetting, broad spectrum of pH usage, <b>effective detergent and hydrotrope</b>
<b>Mackadet® 40-K</b> 	Potassium Cocoate	High foaming naturally derived surfactant, ideal for <b>liquid hand soaps</b> . Also good lubricant for e.g. conveyor systems.
<b>Mackam® 50 ULB</b> 	Cocamidopropyl Betaine	<b>High active grade</b> made from a low colour and odour, <b>coconut feedstock</b> , 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.
<b>Mackam® CBS 50G</b> 	Cocamidopropyl Hydroxysultaine	<b>Robust, high foaming surfactant, excellent foam volume and stability across a wide range of pH and in high electrolyte systems. Excellent lime soap dispersion.</b>
<b>Mackam® DP122</b>	Sodium cociminodipropionate	High Foaming, salt free amphoteric surfactants with good detergency and corrosion inhibition, very stable, dense foam especially suited to demanding applications such as fire-fighting foam
<b>Mackam® LSB-50</b>	Lauramidopropyl Hydroxysultaine	Similar to Mackam CBS 50G, but improved color stability, extreme mild amphoteric surfactant. <b>Good soil removal.</b>
<b>Mackam® OIP-40</b>	Sodium-2-Ethyl-Hexylimnodipropionate	<b>Low foaming</b> , salt free hydrotrope, good caustic stability, coupling agent, soluble in ethanolic and isopropanolic systems as well as water with good wetting contact angle reduction.
<b>Mackamine® 654</b> 	Decylamine Oxide	Low to moderate foaming properties, compatible with most surfactants, no hydrolyze in acid systems, stable in highly alkaline products, <b>useful in high electrolyte</b> -containing cleaners and foamers.
<b>Mackamine® CAO E 36</b> 	Cocamidopropyl Amine Oxide	Non Ionic surfactant providing long lasting foam, high natural based ingredient, <b>viscosity building</b> .
<b>Mackamine® CS</b> 	<b>Cocamine Oxide</b>	<b>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.</b>
<b>Mackamine® LA</b> 	Lauramine Oxide	Non Ionic surfactant providing long lasting foam and good detergency, foam volume & stability, grease removal
<b>Mackamine® MY</b>	Myristamine Oxide	Excellent detergency, grease cutting & solubilizer. <b>High foaming</b> , hypochlorite and peroxide stable.
<b>Mirataine® BB/FLA</b>	Coco-Betaine	<b>Very high foaming, pH stable amphoteric surfactants. Find use in vehicle cleaning, hard surface cleaners and acid &amp; alkali based industrial cleaners.</b>
<b>Mirataine® H2C-HA</b>	Sodium Laurimino Dipropionate	Excellent detergent, anti-static, lubricant, <b>stabil 30 % NaOH or 10% H2SO4</b> . 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.
<b>MONTANE™ 20</b>	Sorbitan Laurate	Emulsifies all types of oil in combination with a hydrophilic emulsifier, variety of textures, from spray to butter, light, neutral feel <b>HLB= 8.6; plant origin, form: liquid, preservative free</b>
<b>MONTANE™ 60</b> 	Sorbitan Stearate	Emulsifies all types of oil in combination with a hydrophilic emulsifier, variety of textures, from spray to butter, light, neutral feel <b>HLB= 4.7, Plant Origin, Form: solid flakes, Preservative free</b>
<b>MONTANE™ 70</b>	Sorbitan Isostearate	Emulsifies all types of oil in combination with a hydrophilic emulsifier, variety of textures, from spray to butter, light, neutral feel <b>HLB= 4.3, Plant Origin, Form: solid flakes, Preservative free</b>



<b>MONTANE™ 80</b>	Sorbitan Oleate	Emulsifies all types of oil in combination with a hydrophilic emulsifier, produces O/W or W/O emulsions depending on the nature of the co-emulsifier, variety of textures, from spray to butter, light, neutral feel <b>HLB= 4.3, Plant Origin, , Form: liquid, Preservative free</b>
<b>MONTANE™ 83 VG</b>	Sorbitan Sesquioleate	Emulsifies all types of oil in combination with a hydrophilic emulsifier, produces O/W or W/O emulsions depending on the nature of the co-emulsifier, variety of textures, from spray to butter, light, neutral feel <b>HLB= 3.7, Plant Origin, Form: liquid, Preservative free</b>
<b>SIMULSOL SL 4</b> 	Butyl glucoside	Non ionic surfactant, no cloud point, readily biodegradable, suitable for highly alkaline or electrolytic media, <b>reduces the viscosity of surfactants formulations with no alteration of performances</b> , very limited up to no foam production, contributes to surface tension reduction, easy to handle : liquid form, no flash point, compatible with non-ionic, anionic and cationic surfactants
<b>SIMULSOL SL 7 G</b> 	Heptyl glucoside	Hydrotrope & solubiliser ecosurfactant, low foam properties, suitable for alkaline, acidic, oxidative or electrolytic media, no cloud point, readily biodegradable, <b>better hydrolysis resistance vs other green hydrotropes</b>
<b>SIMULSOL SL 8</b> 	Octyl & Decyl glucoside	No cloud point, readily biodegradable, suitable for highly alkaline or electrolytic media, stable at all pH, <b>easy to combine with all kind of surfactants even anionic &amp; cationic</b> , excellent solubilizing agent for perfumes, essential oils and surfactants
<b>SIMULSOL B 865</b> 	Octyl & Decyl glucoside	Non ionic surfactant, no cloud point, readily biodegradable, suitable for highly alkaline or electrolytic media, stable at all pH range, easy to combine with all types of surfactants even anionic & cationic, <b>excellent solubilizing agent for perfumes, essential oils and surfactants</b>
<b>SIMULSOL SL 10</b> 	Decyl glucoside	Non-ionic surfactant, no cloud point, readily biodegradable, suitable for highly alkaline or electrolytic media, <b>higher foam and better foam stability</b> than usual anionics, effective surfactant for hand dishwashing liquids, exceptional skin tolerance
<b>SIMULSOL SL 11 W</b> 	Undecyl glucoside	Non-ionic surfactant, excellent wetting agent, no cloud point, suitable <b>for highly alkaline</b> or electrolytic media
<b>SIMULSOL SL 26 C</b> 	Decyl & Hexadecyl glucoside	Non-ionic surfactant, <b>excellent wetting agent</b> , no cloud point, suitable for highly alkaline or electrolytic media
<b>SIMULSOL AS 48</b> 	Alkyl polyglucosides blend	Non foaming alkylpolyglucoside, solubilizer of non-ionic surfactants <b>in high caustic soda systems</b> , non ionic, environmentally safe
<b>SIMULSOL NW 523</b> 	Alkyl polyglucoside & Ethoxylated fatty alcohol	<b>Degreasing</b> , low foaming, multi functional, easy to use
<b>Thetawet™ FS-8000/8050</b>	Nonionic Fluorosurfactants	<b>Short-chain fluorochemical technology</b> , exceptional surface tension reduction <b>for wetting low-energy substrates such as plastic, metal and glass</b> , 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.
<b>Thetawet™ FS 8100/8150</b>	Nonionic Fluorosurfactants	<b>Short-chain fluorochemical technology</b> , sparingly water-soluble nonionic, effective at low end-use concentration(10-100ppm), 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) <b>anti-fog properties of things like glass cleaners</b> .
<b>Thetawet™ FS-8020EB/8020DB</b>	Anionic Fluorosurfactants	30% active water soluble, <b>low foaming anionic fluorosurfactants</b> , an excellent choice for wetting difficult to wet surfaces such as plastics, oily substrates, waxy surfaces, enhanced gloss development for smoother, <b>more even films in finishes and polishes</b> . Diluent water/glycol ether diethylen (EB) or ethyl glycol (DB)
<b>Thetawet™FS-8200/8250</b>	Anionic Fluorosurfactants	<b>Solvent-free, anionic fluorosurfactant</b> (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 <b>providing powerful wetting and leveling</b> . 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.



## Products by Categories PersonalCare



### Additives

<b>Flexicare ZR-LD</b>	Zinc Ricinoleate, Sodium Lauroyl Sarcosinate, Tetrahydroxypropyl Ethylenediamine, Aqua	<b>20% zinc salt actives</b> , prepared from castor oil seed oil, anionic. Odor absorber which traps and neutralizes odors. Readily dilutes in water while maintaining clarity.
<b>Flexicare ZR-LT</b>	Zinc Ricinoleate	<b>30% zinc salt actives</b> , prepared from castor seed oil, anionic, water-dispersible, may require stabilizing ingredients.
<b>Flexicare ZR-L</b>	Zinc Ricinolate, Tetrahydroxypropyl Ethylenediamine, Laureth-3, Propylene Glycol	<b>50% zinc salt actives</b> , prepared from castor seed oil, anionic, soluble in alcohol and most polar organic solvents. Dispersible in aqueous surfactant systems.
<b>Flexicare ZR-P</b>	Zinc Ricinoleate	<b>High actives</b> , low melting solid form for compounding, prepared from castor seed oil, soluble in a range of organic solvents.





## Active Ingredients

<b>AstaTROL® Hp</b>	Haematococcus Pluvialis Extract, Caprylic/Capric Triglycerides, Tocopherol	<b>Natural</b> Astaxanthin, <b>protection</b> from aging across all skinlayers
<b>Antartic-G</b>	PseudozymaAntarctica Ferment Extract ,PseudoalteromonasFerment Extract, Water, 1,2-Hexanediol	Development of an active ingredient containing natural Glycerylglucoside using extremophiles from Antarctica; helps to maintain healthy skin from external stress factors by <b>moisturizing</b> , skin tone-up activities. <b>Brightening</b> , vital balance, water balance
<b>Aqua-proVita D3</b>	Glycerin, Methyl Cyclodextrin, Water, 7-Dehydrocholesterol	Water soluble 7-DHC (pre-Vitamin D), <b>strongly stabilized with cyclodextrin</b>
<b>AquaFerm</b>	Glycerin, Pseudozyma Epicola/ (Oil INCI) Ferment Filtrate, Water, Lecithine, 1,2-Hexanediol	Lecithin-liposome form of the <b>Fermentoil Series</b> to allow up to 20% oil in the formulation
<b>B9-Vitapol</b>	Water, Butylene Glycol, 1,2-Hexanediol, Bacillus/Folic Acid Ferment Extract, Sodium Hyaluronate	<b>Stable and soluble form of folic acid</b> with anti-aging properties





<b>BeBebiome</b>	Lactobacillus Ferment, Bacillus Ferment, Dehydroacetid Acid, Benzyl Alcohol	Post-biotics to achieve optimal skin condition using metabolites for the <b>skin microbiome</b>
<b>BIO-Placenta</b>	Water, Lecithin, Acetyl Glutamine, sh-Oligopeptide-1, sh-Oligopeptide-2, sh-Polypeptide-1, sh-Polypeptide-9, sh-Polypeptide-11, Bacillus/ Folic Acid Ferment Extract, Sodium Hyaluronate, Caprylyl Glycol, Butylene Glycol, 1,2-Hexanediol	Combination of five different <b>growth factors</b> plus glutamine and vitamin B9
<b>Coolin-GL</b>	Saccharomyces Ferment Filtrate, Albatrellus Confluens (Mushroom) Extract, Benzyl Alcohol, Dehydroacetic Acid	Working on TRPV-1, modulating skin temperature to give a <b>soothing and cooling effect</b> .
<b>Desertica</b>	Butylene Glycol, Scenedesmus Deserticola Ferment Extract	Green micro algae found in the desert, supports DNA repair process for <b>anti-UV, anti-heat and anti-dryness functions</b>
<b>Fermentoil Series</b>	Pseudozyma Epicola/(Oil INCI) Ferment Filtrate	Different natural fermented oils with a <b>non-greasy feeling, anti-oxidative and moisturizing effect</b> , high emulsifying capacity and skin absorption Angelica, Argan, Artemisia, Avocado, Camellia, Complex, Evening Primrose, Glycyrrhiza, Green Tea, Leonurus, Olive, Red Ginseng, Safflower, Saururus, Shiunko, Sunflower
<b>Ginbalance</b>	Butylene Glycol, Paeonia Lactiflora Root Water, Panax Ginseng Extract, Aspergillus Ferment	<b>Immune balance</b> , cellular and humoral immunity by strengthening TH1 and TH2
<b>Hydracell QS</b>	Water, Dipotassium Phosphate, Acetyl Glutamine, Butylene Glycol, 1,2-Hexanediol, Sodium Caboxymethylcellulose	Acetylated glutamine with <b>high stability</b>
<b>MELATULI NE®</b>	Spilanthes Acmella Extract (and) Caprylic/Capric Triglyceride	Natural, ecological cosmetic raw material obtained by extraction from the aboveground parts of Acmella oleracea plant grown in Polish Podlasie. Effective action of the raw material is ensured by the active substance called SPILANTHOL., Immediate effect of <b>smoothing out mimic wrinkles of the face!</b> Long-term effect of wrinkle reduction
<b>The First</b>	Water, Deinococcus Ferment Extract Filtrate, Butylene Glycol, 1,2-Hexanediol	<b>Colorless carotenoid</b> with strong anti-wrinkle and multifunctional effect



## Bleaching Agents




Eureco™ HC L17	Phtalimido-Peroxy-Caproic Acid	PAP, white stable peracid exploiting <b>bleaching and disinfecting performance</b> in mild conditions. The available active oxygen makes Eureco™ HC an ideal ingredient for cosmetic preparation and toothpastes.
Eurceo™ HC P11	Phtalimido-Peroxy-Caproic Acid	

## Emulsifiers/Solubilisers



MELavo	Glycolipids	Mannosylerythritol lipid from yeast fermentation with multi-functionality ( <b>anti-aging, enhancing lipid barrier, moisturizing</b> )
ERCAWAX HCO 40 L V/FD	PEG-40 Hydrogenated Castor Oil	Emulsifier, solubilizer and fragrance ingredient
ERCAWAX CS 25 V/FD	Ceteareth-25	Emulsifier
ERCASORB MLE V/FD	Polysorbate 20	Emulsifier, solubilizer and fragrance ingredient
ERCAMULS LF 65 V/FD	Glyceryl Stearate, PEG-100 Stearate	Emulsifier
ERCAWAX EGDS V	Glycol Distearate	Giving factor
ERCANOL CS 50/50 V/FD	Cetearyl Alcohol	Emulsion stabilizer, viscosity increasing agent
ERCAGREEN 3S	Polyglyceryl-3 Stearate	Emulsifier for O/W emulsions. Obtained by esterification of polyglycerol and fatty acid. From raw materials 100% plant origin. Highly compatible with different emollients, silicones, and co emulsifiers. Sustainable
ERCAGREEN 40	Polyglyceryl-4 Oleate	Emulsifier for O/W emulsions. Obtained by esterification of polyglycerol and fatty acid. From raw materials 100% plant origin. Highly compatible with different emollients, silicones, and co emulsifiers. Sustainable
ERCAGREEN 10L	Polyglyceryl-10 Laurate	Mild surfactant for toiletries. Obtained by esterification of polyglycerol and fatty acid. From raw materials 100% plant origin. Highly compatible with different emollients, silicones, and co emulsifiers. Sustainable
ERCAMULSGREE	Cetearyl Alcohol, Polyglyceryl-3 Stearate, Polyglyceryl-10 Laurate	Self emulsifying O/W base. Obtained by esterification of polyglycerol and fatty acid. From raw materials 100% plant origin. Highly compatible with different emollients, silicones, and co emulsifiers. Sustainable




## Film Formers & Performance Polymers

COSMOSURF® CE140 	Stearyl/Octyldodecyl Citrate Crosspolymer	Naturally derived film forming polymers that offer excellent <b>water resistance for organic and mineral based sunscreens</b> , helping retain target ingredients on the skin and enhancing skin feel and spreading properties. Feel + Film = Elegance with Substantivity (long lasting water-resistant benefits).
COSMOSURF® DDG20 	Bis-Octyldodecyl Dimer Dilinoleate/Propanediol Copolymer	
COSMOSURF® PG1-IS 	Stearate/Isostearate/Dimer/Polyglyceryl-3 Dilinoleate Crosspolymer	

## Plant Extracts

High Quality Plant Extracts 	As requested	<b>Developed especially for cosmetic products.</b> Variable carrier forms: Propylene Glycol/Water, Glycerin, Glycerin/Water, Ethanol, Water/Glycerin, Water, Rapeseed oil or Sunflower oil; preservation systems expand their application possibilities: Citric Acid, Sodium Benzoate, Potassium Sorbate. COSMOS certified products are offered an extensive range. Controlled manufacturing process, based on inner procedures, ensure active matters reproducibility and constant quality of the production.
LAIMA BOOST® 	Ilex Paraguariensis Leaf Extract, Peloids Extract (Silt Extract)	Extracts of lake peloids and yerba mate leaves. Regulating the secretion of inflammatory cytokines from epidermal keratinocytes.

## Preservatives

Chlorhexidine	Chlorhexidine Diacetat Chlorhexidine Digluconate Chlorhexidine Dihydrochloride	Wide range of <b>antimicrobial activity</b> , slightly soluble in water and most organic solvents
Ede-cide Plus	Octanediol, Ethylhexylglycerin, Citrus Grandis (Grapefruit) Seed Extract, Artemisia Princeps Extract	Unique blend of artemisia princeps and grapefruit seed extract for <b>anti-bacterial activity</b>
Pine Extvolat 	Pinus Sylvestris Trunk Extract	<b>≥ 30% of the extract: no other preservatives</b> in the finished product are necessary



## Our Partners & Products

### HARKE GROUP #OnePartnerOneResponsibility



#### ERCA Wilmar Cosmetic Ingredients

Emulsification/Solubilizing/Foam Boosting Reach selection of emollients, emulsifiers, solubilizing agents, giving factors, humectants, emulsion stabilizers and foam boosters.

- ERCAWAX
- ERCASORB
- ERCAMULS



#### Exvolate

Extracting pure pine essence in a way that preserves all its valuable properties and minerals to the maximum extent.

- Pine Exvolate



Protection from aging in all skin layers. Reduce Effects of UVA and UVB, Inhibition of melanin production.

- AstaTrol HP



#### Home & PersonalCare

Our own brand to offer solutions for formulation challenges.

- HARKE Surf



#### Odor Absorbs, carpet Care

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

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



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

- Oxyper®



#### Bio-Tec Active Ingredients

The innovative bio-technology, based on fermentation technology and cell research, highlights the dermatological benefits of each product.

- BIO-Placenta
- Coolin
- Fermentoil Series



One of the world's most respected independent active pharmaceutical Ingredients (APIs) suppliers headquartered in Barcelona, Spain.

- Chlorhexidine digluconate 20 %

**Spilanthol**

Extraction from the aboveground parts of *Acmella oleracea* plant grown in Polish Podlasie

- MELATULIN®

**Unique Ingredients, Created for Products Used Every Day**

Created a wide range of high-performance ingredients that are easy to use and increasingly environmentally friendly, for a number of industries.

- Simulsol™
- Montane™
- Solagum™

**Surfactants**

Product portfolio consists of oleochemicals fully derived from vegetable raw materials such as palm kernel oil (PKO) and other palm oil fractions.

- CepSinol®

**Solvent**

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

- Augeo®

**Peroxides – PAP**

Supplying the chemical industry with a wide range of Peroxide solutions

- Eureco™
- Ixper®

**Biodegradable Ingredients**

Environmentally friendly, biodegradable, microplastic-free ingredients using highly functional polymers that are naturally derived and from renewable raw materials

- CosmoSurf®

**Natural Plant Extracts**

More than 80 species of plants are used to develop and create cosmetics with variable carrier forms and preservation systems to expand their application range.

- Liquid plant extracts
- Soft extracts
- Floral Water

**VERDANT  
Surfactants**

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

- Mackam®
- Mackamine®
- Mirataine®

**[www.harke.com](http://www.harke.com)**

# 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

As a family business, sustainability is in our genes, as we do not think in quarterly reports but in generations. Furthermore, as an internationally acting distributor it is our primary task to save transaction costs, i. e. the use of resources, as much as possible, by combining product ranges and deliveries of various suppliers for our customers.

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 of our employees for the topic of sustainability and provide full management support. Consequently, we put a dedicated sustainability task force in place with the goal to set targets and to transfer them into the daily HARKE business processes, company culture and interfaces with our partners.

Let us 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



**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



HARKE Chemicals GmbH

## 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

one group of **16** companies | **17** offices in Europe | **7** divisions | **25** business units  
**15** diverse service functions | **4** laboratories | **2** production sites | over **230** employees  
working with **35** industries | in more than **63** countries | on **4** continents  
with over **3,000** customers | and more than **40,000** deliveries per year

**countless opportunities for a success**



## 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 | stable management | passionate people

**ful and future-oriented collaboration**







**HARKE GmbH**  
**Regional Office Switzerland**  
Hirschenplatz 1  
6004 Lucerne  
Switzerland

 +41 558 56 39  
 [swiss@harke.com](mailto:swiss@harke.com)  
 [www.harke.com](http://www.harke.com)



**HARKE GROUP**



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**ONE PARTNER.  
ONE RESPONSIBILITY.**