



HARKE Pharma

HARKE GROUP Life Sciences Division

YOUR DOSAGE FORM EXPERTS



PHARMA



YOUR DOSAGE FORM EXPERTS

HARKE Pharma

is your technology driven distributor for innovative excipients.

HARKE Pharma

stands for more than 40 years of supporting our Customers in their development and optimization of innovative dosage forms, by offering extensive technical support, rounded up by a broad range of specialized excipients and selected APIs.

By closely monitoring the ever-changing markets, we identify the latest technological and scientific trends, supporting our Customers to implement them. Our in-house experts are available to efficiently work with our Customers on projects, from concept to commercialization. Utilizing our extensive quality-driven product portfolio, we are able to offer a unique and effective partnership.

HARKE GROUP

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



Thorsten Harke | President HARKE GROUP



Mandy Rehländer | Board Member Life Sciences
Managing Director HARKE Pharma GmbH

HARKE GROUP Life Sciences Division

- HARKE Pharma
- HARKE Nutra
- HARKE Food
- HARKE Feed

Facts & Figures

HARKE GROUP

FOUNDED

1965

Mülheim an der Ruhr

TURNOVER

€ 195 Mio.

in 2023

DISTRIBUTING IN

63

Countries

EMPLOYEES

230

Group-wide

OFFICES

17

Worldwide

HARKE BUSINESS UNIT PHARMA & NUTRA

FOUNDED

1982

Mülheim
an der Ruhr

CUSTOMER BASE

3730

in 62 countries

DELIVERIES

> 2400

annually with
OTIF rate of 97 %

REPRESENTING

57 producers

> 500 products

COMPLAINTS

< 5 % of

completed orders

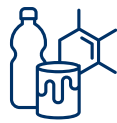
HARKE DIVISIONS



Home &
PersonalCare
I&I



Chemistry



Coatings,
Plastics &
Polymers



Life
Sciences



Pharma



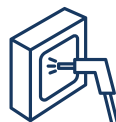
Nutra



Plastic
Products



Contract
Packaging



Imaging



Services



Food



Feed

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.



- Headquarters
- Subsidiaries
- Production/Storage
- Sales Offices

Our Services



REGULATORY COMPLIANCE

Having over 40 years experience in the distribution of pharmaceutical and nutraceutical raw materials, we put the individual requirements of our Customers at the heart of our activities.

Our teams are well-informed about all legal and regulatory requirements, meaning we are able to support our Customers to be fully compliant.



SUPPLY CHAIN MANAGEMENT

If your needs are specific logistics solutions, e.g. just-in time deliveries, short lead times, consignment stock – we are your partner of choice.

Our Customers can count on a quality supply chain, using special warehousing and transport partners following the GDP guidelines, whereas state of the art IT (SAP) assures batch traceability.

Transparent communication, minimizing costs and enhancing Customer benefits – this is our contribution to your success.

This way we assure reliable/quick deliveries and best possible availability from our European warehouses and therefore can support you even in cases of "emergency".





CUSTOMIZED SOLUTIONS

Providing R&D support and researched scientific data, our dedicated team work side-by-side with Customers to achieve development targets, working from idea to implementation.

Our knowledgeable scientists can help to reduce the number of trials, by offering recommendations on the optimal raw materials or formulations for your drug design.

Moreover, we are able to apply our technical and processing know-how, to develop customized formulations, designed to fit the specific needs of our Customers.

Besides that, we can offer a one-stop-shop for nutraceuticals: From the idea to the finished product. We have a close eye on the trends in the Nutraceutical Industry, developing innovative and individual product concepts.



SCIENTIFIC COLLABORATION

Constantly striving to improve our scientific and processing knowledge base, we work together with research institutes and renowned universities.

Every year we support CROs, universities and PhD students with both our technical expertise and excipients, for use in their publications.



TECHNICAL CONSULTING

Our competent team of experts, from a wide spectrum of pharmaceutical and chemical fields, are at your disposal for formulation advice, problem solving and on-site trials.



TECHNICAL TRAINING

We organize seminars and practical workshops for our Customers to transfer know-how and participate in scientific congresses, such as CRS and APV.

Our team exhibits at major pharmaceutical and nutraceutical trade shows. Across Europe we have an active presence.

Products by Application

COATING



Glatt Tablet Coater GCC 150

Coating protects the API, individualizes the tablet and can modify the release profile.

Polymers

- Acrylates
- Hypromellose, HPMC
- HPMC Acetate Succinate
- HPMC Phthalate
- Isomalt
- Methylcellulose, MC
- Polyvinyl Alcohol, PVA
- Shellac

Cores/Additives

- Globuli Sacchari
- Macrogol
- MCC Starter Cores
- Sugar Spheres
- Tartaric Acid Cores
- Talc

YOUR BENEFITS:

Various high-quality products at competitive prices for your independent coating solutions.

SUSTAINED RELEASE



The development of controlled release matrix or coating systems requires polymers in good batch to batch reproducibility.

Matrix Agents

- Acrylates
- High-viscous HPMC
- Polyethylene Oxide, PEO
- Polyvinyl Alcohol, PVA

Controlled Release Coating

- Acrylates

Dissolution Retardant

- Talc

YOUR BENEFITS:

A wide range of products suitable for various technologies for your sophisticated formulations.

TABLETTING



DC excipients and easy-to-use solutions for ODTs and mini-tablets are increasingly required by the industry to grant high production yield.

Essentials

- Crosslinked PVP
- Hypromellose, HPMC
- Hypromellose SR
- Isomalt
- Low-substituted HPC
- Macrogol
- Methylcellulose, MC
- Microcrystalline Cellulose, MCC
- Natural Calcium Carbonate
- Polyvinylpyrrolidone, PVP
- Sodium Chloride
- Sodium Stearyl Fumarate (SSF)
- Sucrose Ester
- Talc

Premixes/Co-processed Excipients

- Functionalized Calcium Carbonate
- HarkePlus Tab®
- SmartEx® Plus

YOUR BENEFITS:

A full basket of excipients, from essentials to problem solvers, which adds value to your formulation.

SOLUBILITY ENHANCEMENT



Many modern drugs show poor solubility and bioavailability. Solubility enhancement consequently becomes more important.

Carriers for Solid Dispersion

- Acrylates
- Copovidone
- Hypromellose, HPMC
- HPMC Acetate Succinate
- HPMC Phthalate
- Macrogol
- Polyvinyl Alcohol, PVA
- Polyvinylpyrrolidone, PVP

YOUR BENEFITS:

Solutions dedicated to tackle solubility problems backed up with state-of-the-art supportive data.



Products by Application

GRANULATION



In various cases different types of granulation are needed to improve technological properties of the powder.

Binder

- Copovidone
- Functionalized Calcium Carbonate
- Hypromellose, HPMC
- Isomalt
- Methylcellulose, MC
- Microcrystalline Cellulose, MCC
- Polyvinyl Alcohol, PVA
- Polyvinylpyrrolidone, PVP

Binder/Disintegrant

- Low-substituted HPC (L-HPC)

YOUR BENEFITS:

Various excipients and grades, to suit either wet or dry granulation processing.

PELLETIZATION



Pellets are produced by e.g. direct pelletization, extrusion-spheronization or using neutral starter cores for layering.

Extrusion – Spheronization

- Hypromellose, HPMC
- Isomalt
- Low-substituted HPC
- Microcrystalline Cellulose, MCC
- Polyvinyl Alcohol, PVA
- Polyvinylpyrrolidone, PVP

Layering

- Globuli Sacchari
- MCC Starter Cores
- Sugar Spheres
- Tartaric Acid Cores

YOUR BENEFITS:

Time and cost savings, during the production process, increasing production yield.

PATCH SYSTEMS



The demand for topical finished dosage forms is increasing and the use of patch systems is rising continuously.

Essentials

- Copovidone
- Polyvinyl Alcohol, PVA
- Polyvinylpyrrolidone, PVP
- PVM/MA

YOUR BENEFITS:

Innovative ingredients in different grades at competitive prices.

OPHTHALMICS



Applications for ophthalmic treatment require raw materials with a good bioavailability and microbiological purity.

pH Modifiers

- Potassium Hydroxide Pellets
- Sodium Hydroxide Pellets

Thickeners/Vehicles

- Hypromellose, HPMC
- Macrogol
- Methylcellulose, MC
- Polyvinyl Alcohol, PVA
- Polyvinylpyrrolidone, PVP

Tonicity Agents

- Sodium Chloride

YOUR BENEFITS:

High-quality material at competitive prices with outstanding technical back-up.



Products by Application

SEMI-SOLIDS & LIQUIDS



Semi-solid and liquid dosage forms can be produced in shorter times and higher batch output.

pH Modifiers

- Potassium Hydroxide Pellets
- Sodium Hydroxide Pellets

Thickeners & Gelling Agents

- Hypromellose, HPMC
- Microcrystalline Cellulose, MCC
- Polyvinylpyrrolidone, PVP

Emulsifier

- Hypromellose, HPMC
- Methylcellulose, MC
- Sucrose Ester

Sweetener

- Isomalt

Others

- Macrogol
- Polyvinyl Alcohol, PVA
- Sodium Chloride

YOUR BENEFITS:

A tailored choice of specialities.

CAPSULES



Innovative capsule locking systems, prevent additional processing, e.g. no banding for semi-solid encapsulation required.

Empty Hard Capsules

- HPMC, Gelatine and Pullulan
- BSE & TSE free
- 9 sizes in 2000 colors
- Three different locking systems

YOUR BENEFITS:

Competitive capsules to serve individual needs, delivered in even small volumes, within a short time frame.

CLEAN BOTTLES AND CONTAINERS



Primary packaging for high-purity reagents, solvents and any other liquid formulation with the need for highest cleanliness levels.

Sophisticated Quality

- Manufactured under Clean Room conditions, using specially selected, high-purity PE resin
- Minimum particle counts, extractables and leachables
- Light weight, yet strong physical properties, leakage-proof
- Quality documented by COA

Characteristics

- Monolayer and multilayer bottles
- Wide and narrow mouth size
- Optional UV-light protection, solvent barrier layer, low residue construction
- From 100 ml up to 22.5 Liter, equally 200 Liter drums

YOUR BENEFITS:

High purity, no pre-cleaning, flexible quantities.

HYPERCLEAN™ PE-FILM/FINE BAG



High-level primary packaging with Aicello HYPER-CLEAN™ PE-Film and antistatic FINE BAG for pharmaceutical use.

Sophisticated Quality

- Compliance to 3 major pharmacopoeias: EP, USP and JP
- Drug Master File Type III (17359) available at FDA
- Processed in Clean Room Environment from carefully selected PE-resin
- Minimum particles, extractables and leachables
- Physical strength, low outgassing

Characteristics

- Long-lasting antistatic properties (optional)
- UV-light shield (optional)
- Various bag sizes and forms or tube roll available

YOUR BENEFITS:

Premium-quality primary packaging for sensitive APIs and intermediates, mostly available in flexible quantities.

Typical Applications

TRADE NAME	COMMON NAME	COATINGS				TABLETTING				
		Instant Release Coating	Modified Release Coating	Protective Coating	Taste Masking	Filler/Diluent	Dry Binder (DC+RC)	Binder Solutions (WG)	Disintegrant	Lubricant/Glidant
Cellets®	MCC Spheres									
DRUGCOAT®	Acrylates		●	●	●					
Eka Pellets™	NaOH/KOH									
galenIQ™	Isomalt	●			●	●	●	●		
GOHSENOl™ EG	Polyvinylalcohol (PVA)	●		●	●		●			
HarkePlus® Tab	Premix					●	●		●	
HPMCP	HPMC Phthalate		●		●					
L-HPC	Low-substituted HPC						●	●	●	
METOLOSE® SH/SR	Hypromellose (HPMC)									
METOLOSE® SM	Methylcellulose (MC)	●			●			●		
Omyapharm®	Functionalized Calcium Carbonate					●	●			●
Omyapure®	Natural Calcium Carbonate					●				
Oxipurity® 4000 Series	PEG/Macrogol	●				●				●
PEO-NF	Polyethylene Oxide (PEO)						●			
PHARMACOAT®	Hypromellose (HPMC)	●		●	●	●	●	●		
pharm-a-spheres®	Sugar Spheres									
Primecel®/Chemical®	MCC					●	●		●	
Primesolv®	Silificied MCC					●	●			
PVP K	Povidone (PVP)	●		●				●		
PVP VA 64	Copovidone	●		●			●	●		
PVPP XL/CL	Crospovidone (XL-PVP)								●	
SANAL® P	Sodium Chloride					●				
Shin-Etsu AQOAT®	HPMC Acetate Succinate		●		●					
SmartEx® Plus	Co-processed excipient					●			●	
SSB® Pharma/AQUAGOLD	Shellac		●	●	●					
HarkePlus® Sucrose Ester	Sucrose Ester									●
Talc	Talc	●	●	●	●	●				●
TAP®	Tartaric Acid Pellets									
VEGHA	Sodium Stearyl Fumarate (SSF)									●

Product Categories



ACRYLATES	CELLULOSE DERIVATIVES	POLYETHYLENE OXIDE
DRUGCOAT® E	HPMC P	PEO-NF
DRUGCOAT® FS	Hydroxypropyl Methylcellulose	
DRUGCOAT® L	Hypromellose (HPMC)	POLYVINYL ALCOHOL
DRUGCOAT® NE	Hypromellose Acetate Succinate	GOHSENOL™ EG
DRUGCOAT® RL	Hypromellose Phthalate	
DRUGCOAT® RS	L-HPC	POLYVINYLPIRROLIDONE
DRUGCOAT® S	Low-substituted HPC	Copovidone
Methacrylic Acid Copolymers	Methylcellulose	Crospovidone
	METULOSE® SH/SR	Crosslinked PVP
ACTIVES	METULOSE® SM	Povidone
Ibuprofen DC 100	PHARMACOAT®	
Ibuprofen Pellets	Shin-Etsu AQOAT® (HPMC AS)	PREMIXES/CO-PROCESSED EXCIPIENTS
	TYLOPUR®	HarkePlus Tab®
ALKALI		SmartEx® Plus
Eka Pellets™	FUMARIC ACID ESTER	
Potassium Hydroxide Pellets (KOH)	Sodium Stearyl Fumarate (SSF)	PRIMARY PACKAGING
Sodium Hydroxide Pellets (NaOH)	VEGHA	Aicello Clean Bottles and Containers
		Aicello FINE BAG
CALCIUM MINERALS	ISOMALT	Aicello HYPERCLEAN™ PE-film
Functionalized Calcium Carbonate	galenIQ™	
Natural Calcium Carbonate		SALTS
Omyapharm®	MACROGOL	SANAL® P
Omyapure®	OXIPURITY® 4000 Series	Sodium Chloride
	Polyethylene Glycol (PEG)	
CANNABIDIOL		SHELLAC
CBD Powder 2%	PELLETS	AQUAGOLD (Aqueous Shellac Solution)
CBD Powder 6%	Cellets® (MCC Spheres)	Bleached Shellac
	Globuli Sacchari	SSB® AQUAGOLD
CAPSULES	Ibuprofen DC 100	SSB® Pharma
Gelatine	Ibuprofen Pellets	
HPMC	Sugar Spheres	SUCROSE ESTER
Pullulan	TAP® Pellets	Sucrose Laurate
SUNLOC	Tartaric Acid Pellets	Sucrose Palmitate
		Sucrose Stearate
CELLULOSE	POLYETHYLENE OXIDE	
Chemical®	PEO-NF	TALC
Microcrystalline Cellulose		Micro ACE
Primecel®		Talc MS
Primesolv® SMCC		Rose Talc
Silicified Microcrystalline Cellulose		

Products A-Z



A	H	P
Acrylates	HarkePlus Tab® (Tabletting Premix)	Polyvinylpyrrolidone (PVP)
Aicello Clean Bottles and Containers	HPMC P	Potassium Hydroxide Pellets
Aicello FINE BAG	Hydroxypropyl Methylcellulose	Povidone
Aicello HYPERCLEAN™ PE-film	Hypromellose (HPMC)	Primary Packaging
Alkali	Hypromellose Acetate Succinate	Premixes
AQUAGOLD (Aqueous Shellac Solution)	Hypromellose Phthalate	Primecel®
B	I	Primesolv® SMCC
Bleached Shellac	Ibuprofen DC 100	PVM/MA
C	Ibuprofen Pellets	PVP K
Calcium Minerale	Isomalt	PVP VA 64
Cannabidiol	K	PVPP XL/CL
Capsules (Gelatine, HPMC, Pullulan)	KOH	R
CBD Powder 2 %	L	Rose Talc
CBD Powder 6 %	L-HPC	S
Cellets® (MCC Spheres)	Low-substituted HPC	SANAL® P
Cellulose Derivatives	M	Shellac
Chemical®	Macrogol	Shin-Etsu AQOAT® (HPMC AS)
Co-processed Excipients	MCC Starter Cores	Silicified Microcrystalline Cellulose
Copovidone	Methacrylic Acid Copolymers	SmartEx® Plus
Crospovidone	Methylcellulose (MC)	Sodium Chloride
Crosslinked PVP	METOLOSE® SH/SR	Sodium Hydroxide Pellets
D	METOLOSE® SM	Sodium Stearyl Fumarate (SSF)
DRUGCOAT® E	Micro ACE	SSB® AQUAGOLD
DRUGCOAT® FS	Microcrystalline Cellulose (MCC)	SSB® Pharma
DRUGCOAT® L	N	Sucrose Laurate
DRUGCOAT® NE	NaOH	Sucrose Palmitate
DRUGCOAT® RL	Natural Calcium Carbonate	Sucrose Stearate
DRUGCOAT® RS	O	Sucrose Ester
DRUGCOAT® S	Omyapharm®	Sugar Spheres
E	Omyapure®	SUNLOC
Eka Pellets™	Oxipurity® 4000 Series	T
F	P	Talc
Functionalized Calcium Carbonate	PEG	Talc MS
G	PEO-NF	TAP® Pellets
galenIQ™	pharma-a-spheres®	Tartaric Acid Cores
Globuli Sacchari	PHARMACOAT®	Tartaric Acid Pellets
GOHSENL™ EG	Polyethylene Glycol (PEG)	TYLOPUR®
	Polyethylene Oxide (PEO)	V
	Polyvinyl Alcohol (PVA)	VEGHA

Our Partners & Products

#OnePartnerOneResponsibility

We have a carefully selected raw material portfolio, primarily used for solid and semi-solid dosage forms.

Our experience of marrying 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.

			
<p>Japanese Clean Room manufacturing of high-purity primary PE-packaging materials (Joint-venture with HARKE: AICELLO-HARKE GmbH).</p>	<p>Beneo is part of the Südzucker group. Specialist for naturally derived functional ingredients.</p>	<p>Fast growing, quality-focused, family-owned cellulose manufacturer.</p>	<p>Our own brand, offering solutions to a range of formulation challenges.</p>
<ul style="list-style-type: none"> • Clean Bottles & Containers • HYPERCLEAN™ PE-Film • FINE BAG 	<ul style="list-style-type: none"> • Isomalt 	<ul style="list-style-type: none"> • MCC • SMCC 	<ul style="list-style-type: none"> • Blends/Premixes • HarkePlus Tab® • HarkePlus Tab® Prime
			
<p>German manufacturer, with knowledge and experience in producing highly spherical particles.</p>	<p>Since 1918 producer of pharmaceutical salt in Mariager Fjord (Denmark).</p>	<p>Leading supplier of various food ingredients with a niche in pharma. Long established and major manufacturer of PVA.</p>	<p>The largest Japanese producer of superior quality Talc products.</p>
<ul style="list-style-type: none"> • Neutral MCC Pellets • Ibuprofen Pellets 100 % • Tartaric Acid Pellets • CBD Powder 2 % and 6 % 	<ul style="list-style-type: none"> • SANAL® P, Pharmaceutical NaCl 	<ul style="list-style-type: none"> • PVA • Sucrose Ester 	<ul style="list-style-type: none"> • Talc



One of the leading manufacturers of pharmaceutical Povidones with a high responsibility for environmental compliance.

- KoVidone®
- PolyKoVidone®
- OraRez®



Since 1905 producer in Bohus (Sweden) for purest alkali pellets of NaOH/KOH.

- Highly purified NaOH
- Highly purified KOH



Leading global producer of advanced mineral products, offering a range of next generation excipients providing highly bioavailable sources of calcium.

- Natural Calcium Carbonate
- Functionalized Calcium Carbonate

PEHEL SPECIALITIES

Family-owned company, emerging Indian excipient house and a leading manufacturer of the lubricant, sodium stearyl fumarate.

- Sodium Stearyl Fumarate

pharm-a-spheres®

Family-owned company previously specializing in dragées, now offering a wide range of globuli & neutral starter cores.

- Globuli Sacchari
- Sugar spheres



Leading supplier of Cellulose derivatives.

- HPMC
- HPMC-AS
- HPMC-P
- L-HPC
- MC
- SmartEx® Plus



Manufacturer of outstanding quality Shellac specialties, based in Northern Germany.

- Shellac Aqueous Solution
- Shellac Flakes

Sumitomo Seika

Japanese manufacturer of PEO.

- PEO



Sunil Healthcare Limited

Major Indian manufacturer of empty hard capsules.

- Capsules
 - HPMC
 - Gelatine
 - Pullulan



EXCiPACT certified producer of Acrylate based coating polymers, located in India.

- Methacrylic Acid Copolymers

www.harke.com

Why HARKE

one group of **16** companies | **17** offices worldwide | **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 relations | growing company group
excellent technical know-how | responsible partner | fast action | sustainable enterprise
digitization | stable management | passionate people

ful and future-oriented collaboration





HARKE Pharma GmbH
Business Unit Pharma
Xantener Straße 1
45479 Mülheim an der Ruhr
Germany

 +49 (0)208 3069-0
 pharma@harke.com
 www.harke.com/pharma



HARKE GROUP

