



**HARKE**  
Food & Nutra



Food & Nutra

**HARKE Food & Nutra**

HARKE GROUP Life Sciences Division

**YOUR SUSTAINABLE WELL-BEING EXPERTS**

# Facts & Figures

## HARKE GROUP

### FOUNDED

1965

Mülheim an der Ruhr

### TURNOVER

€ 185 Mio.

in 2021

### DISTRIBUTING IN

>60

Countries

### EMPLOYEES

220

Group-wide

### OFFICES

16

in Europe

### LABORATORIES

4

Bochum, Manchester  
Mohács, Mülheim

### PRODUCTION SITES

3

Bochum, Halifax,  
Mohács

### INDUSTRIES

>30

Working with

### CUSTOMERS

>3,000

in Europe

### DELIVERIES

>40,000

per Year

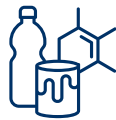
## HARKE DIVISIONS



Home &  
Personal Care  
I&I



Chemistry



Coatings,  
Plastics &  
Polymers



Life  
Sciences



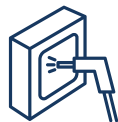
Food & Nutra



Plastic  
Products



Contract  
Packaging



Imaging



Services



Pharma



Feed



**EUROPE-WIDE ASSISTANCE**

With offices across many European countries, we are able to offer our Partners a wide spread 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 Food Products



### CELLULOSICS

AnyAddy® is the brand name of HPMC (Hydroxypropyl Methylcellulose) and MC (Methylcellulose), produced by our premium long-term partner Lotte Fine Chemical Co., Ltd. from Korea. AnyAddy® is plant-derived and produced from natural wood pulp. You can build the base for your best food products with the excellent properties of Cellulose. In addition, the Cellulosics have unique benefits compared to other thickening Hydrocolloids. The most important benefit is the reversible thermogelation process. We can offer AnyAddy® in a lot of viscosity ranges, can improve moisture retention and build an emulsion while binding water and oil. Furthermore, you can reduce allergens, like e. g. eggs and gluten. In bakery, meat or meat alternatives, dairy or convenience, the Cellulosics help to improve the texture for example in hot/cold applications, dispersions and dry blends.



### RICE & TAPIOCA BASED PRODUCTS

Our partner for Rice and Tapioca based products is the company GluCorp Pvt. Ltd. from Pakistan. We can offer a broad variety of syrups with different dextrose equivalent ranges and colors, in both organic and conventional qualities. Besides that we can also offer low sugar syrups and infant qualities. Our range includes a variety of liquid viscous syrup types from clear syrup to brown syrup as well as spray-dried powder grades. Compared to conventional sugar, our syrup is slightly reduced in calories and serves as a declaration-friendly sweetener. Rice syrup and tapioca syrup are used in cereals, bakery products, chocolate, ice cream, snacks, and more.



### PROTEINS

Our high quality plant based proteins offer technical benefits in many applications. Our ingredients will give you a natural feeling with clean tasting. A healthy and sustainable product which delivers high protein contents. You can use it in all applications in order to add consistent texture or just proteins like in meat & fish alternatives but also in sweet and bakery products. Our big range of tested plant based formulations supports your speed to market and helps you to achieve better results in your end product. We can provide you with several proteins from several sources which are mainly allergen free. The functional properties like water binding, strong gel building and natural coloring are the main functionalities.



### FIBERS

Fibers are very important in regard to low carb food and our fibers can help you to increase the fiber content with natural products. It is possible to bind water and oil physically at all temperatures so you can stabilize fat emulsions. Fibers stabilize your products and gives you a better structure. The fast cold and warm swelling is one important benefit. It is an ideal and multifunctional ingredient in vegan applications.



### NATURAL OLIVE EXTRACTS

Phenolea®, NatComplex® and Acryless® are the brand names of the olive fruit natural extracts, produced by PhenoFarm® Srl. They are water soluble extracts rich in microelements with secondary antioxidant and chelating properties (that ensure multi-functional benefits to food products). Phenolea® improves the fragrance, quality and shelf-life of food products by delaying oxidation, off-flavor and rancidity. NatComplex® improves the taste, quality and shelf-life of meat products by delaying oxidation, off-flavor, rancidity and color deviations. Acryless® reduces acrylamide formation by reacting with its precursors.



### HARKE GREEN LINSEED FLOUR

HarkeGreen Linseed Flour is a perfect combination of functionality and sustainability. The functionality of HarkeGreen Linseed Flour is very similar to a number of gums. Being a side stream product makes it much more sustainable than most gums like e. g. Xanthan. One of the prime features of the HarkeGreen Linseed Flour is its cold and hot swelling functionality and the high water absorption of 12 times its weight in water. The HarkeGreen Linseed Flour is freeze stable and can be defrosted without syneresis. The HarkeGreen flours are ideal as an emulsifier or as a substitute for soy or sunflower lecithin. It is heat stable and has an extremely long shelf life despite its content of poly-unsaturated fatty acids.

# Our Food Products



## HARKE PRODUCT

Based on our long experience in the markets, we know exactly what can help you best to make your product successful. The results are our HARKE Products!



### HARKE PLUS® COLOR RED

HarkePlus® Color Red: is a new developed Clean Label colorant, dedicated for all food applications. It is a mixture of coloring foods on a carrier of Maltodextrin (other carriers possible). HarkePlus® Color Red is heat stable during pasteurization and sterilization.



### HARKE PLUS® NP100

HarkePlus® NP100 is a clean label product based on fermented onions. It is liquid, without an E number, and can be used in all meat, fish, poultry and vegetable applications. It has an inhibitor effect on the growth of bacteria, yeasts and molds and is made out of the fermentation process of onions.



### HARKE PLUS® PURE WHITE

HarkePlus® Purewhite: Titanium Dioxide (TiO<sub>2</sub>) Substitute for Food Industry applications. HarkePlus® Purewhite is a 100% mineral ingredient formula, clean label, classified as colour, titanium-, preservative- and nano-particles/materials free.



### CUSTOMIZED SOLUTIONS

We provide you with custom designed dietary supplements, by guiding you from concept to market launch. Our innovative formulations can be provided in accordance with all legal specifications and at cost-efficient prices, even at smaller initial or trial quantities.

# Our Nutra Products



## ALGAE

Microalgae are rich of essential nutrients, proteins and essential amino acids. We can offer a wide range of different Algae like Spirulina and Chlorella, please let us know which one you are interested in.



## ANTIOXIDANTS

AstaReal AB is producing Astaxanthin from microalgae *Hematococcus pluvialis* in a closed production site in Sweden. Astaxanthin is a natural carotenoid with a unique molecular structure that makes it hundreds of times stronger than any other antioxidant. AstaReal has a huge number of studies proving the health benefits for example for eyes, but is also improving the skin and muscle endurance.



## FRUIT & PLANT EXTRACTS

We offer traditional fruit and vegetable powders as well as other high-quality extracts. These are mainly standardized with known active ingredients including polyphenols and Vitamin C.



## OILS

The careful selection of seeds, gentle processing techniques and comprehensive quality control and analysis ensure highest quality products as for example high concentration of Omega-3 and Omega-6 fatty acids.




# Products A - Z






## A

Acacia Fiber  
 Acai Extract  
 Acerola Extract  
 Acetic Acid  
 Aloe Vera  
 Alpha GPC  
 Ammonium Chlorides  
 Apple Cider Vinegar Powder  
 Artichoke Extract  
 Ascophyllum nodosum  
 Ascorbic Acid  
 AstaReal Astaxanthin

## B


Bacuri Extract   
 Black Cumin Oil   
 Blueberry/Bilberry Extract   
 Borage Oil   
 Boswelvia Extract  
 Bromelain  
 Buriti Extract 




## C



Calcium Carbonate  
 Camelina Oil   
 Carrageenan  
 Cashew Extract   
 Cassia Gum  
 Caustic Soda  
 Cellulosics  
 • Hydroxypropylmethylcellulose  
 • Methylcellulose  
 Chamomille Extract   
 Chitosan  
 Chlorella   
 Chlorides  
 Chokeberry Extract  
 Chromium Yeast  
 Cistrus Bioflavonoide  
 Citric Acid  
 Cocoa Extract   
 Coconut Extract   
 Coenzyme Q10 40% granulates  
 Coenzyme Q10 99%






Colostrum 
Colour Red
Colour White
Cranberry Extract 
Cupuacu Extract 
Curcuma Extract 



<b>D</b>
Dandelion Extract 
Devil's Claw Extract


<b>E</b>
Echium Oil 
Elderberry Extract 
Evening Primose Oil 




<b>F</b>
Fennel Extract
Fenugreek Extract
Flavours 
Fruit Seed Oils 
Fucus vesiculosus
Fumaric Acid



<b>G</b>
Ginger Extract 
Ginkgo Extract 
Ginseng Extract 
Goji Extract
Grape Extract
Green Coffee Extract 
Green Tea Extract 
Greenshellmussel Powder
Guar Gum
Guarana Extract 
Guava Extract 







-  Organic grade  
All organic grades also available as conventional grades
-  Gluten-free grade
-  Infant grade

<b>H</b>
HARKE Brands – see on the right page
Hawthorn Berry Extract 
Hops Extract 
Horsetail Extract
Hyaluronic Acid
Hydroxypropylmethylcellulose

<b>K</b>
Konjac Glucomannan 

<b>L</b>
Laminaria digitata
Lemon Balm Extract 
Lime Extract 
Linseed Oil 
Liquorice Extract

<b>O</b>
Oat-Beta-Glucan 
Oat Proteins 

<b>P</b>
Perilla Oil 
Phosphates
• Dicalcium Phosphate
• Monocalcium Phosphate
• Tricalcium Phosphate
Pineapple Extract 
Pitaya Extract 
Pomegranate Extract
Prickly Pear Extract
Proteins
• Cricket
• Fava
• Hemp
• Pea
• Pumpkin Seed
• Rice
• Sunflower
Psyllium Husk Powder 95% 
Psyllium Husk Powder 98% 
Psyllium Husk Powder 99% 

# Products A - Z

Psyllium Whole Husks 95% 

Psyllium Whole Husks 98% 

Psyllium Whole Husks 99% 

Pumpkin Seed Extract

## Q

Quercetin


































## R

Red Clover Extract

Reishi Powder 

Rhodiola Extract

Rice products

- Rice Maltodextrin 14DE 
- Rice Maltodextrin 19DE 
- Rice Milk Concentrate 
- Rice Milk Powder 
- Rice Milk Powder Premium 
- Rice Protein 50% 
- Rice Protein 55% 
- Rice Protein 60% 
- Rice Protein 65% 
- Rice Protein 70% 
- Rice Protein 80% 
- Rice Starch 
- Rice Syrup 28 DE 
- Rice Syrup 35 DE 
- Rice Syrup 42 DE 
- Rice Syrup 60 DE 
- Rice Syrup 62 DE 
- Rice Syrup High Fructose 54DE 
- Rice Syrup High Maltose 45DE 
- Rice Syrup Low Sugar 40 
- Rice Syrup Low Sugar 60 
- Rice Syrup Solids (DMH) 95DE 
- Rice Syrup Solids 24DE 
- Rice Syrup Solids 28DE 
- Rice Syrup Solids 32DE 
- Rice Syrup Solids 36DE 
- Rice Syrup Solids 40DE 
- Whole Meal Rice Flour 

Rose Hips Extract 

Rosemary Extract 

## S

Sage Extract 

Selenium Yeast

Shellac

Shiitake Powder 

Sodium Hydroxide

Sodium Phosphates

Soursop Extract 

Spirulina 

## T

Taperebá Extract 

Tapioca products

- High Fructose Tapioca Syrup 42DE 
- High Maltose Tapioca Syrup 45DE 
- Low Sugar Tapioca Syrup 40DE 
- Low Sugar Tapioca Syrup 60DE 
- Tapioca Fiber
- Tapioca Maltodextrin 10DE 
- Tapioca Maltodextrin 14DE 
- Tapioca Maltodextrin 19DE 
- Tapioca Starch 
- Tapioca Syrup 28DE 
- Tapioca Syrup 42DE 
- Tapioca Syrup 60DE 
- Tapioca Syrup Solids 28DE 
- Tapioca Syrup Solids 40DE 

Tara Gum

Tartaric Acid



## U

Umbu Extract 

## V

Valerian Extract 




VTP/Vegetable Textured Proteins

- Textured Fava Protein chunks
- Textured Fava Protein minced 0,5
- Textured Fava Protein minced 1,5
- Textured Fava Protein minced
- Textured Pea Protein chunks 
- Textured Pea Protein minced 

Hydroxypropylmethylcellulose

## W

Wheat Starch 

-  Organic grade  
All organic grades also available as conventional grades
-  Gluten-free grade
-  Infant grade



# NO EGGS FULL TASTE

Replacing egg in mayonnaise requires only one blend: **HarkeGreen Mayo Mix** is our vegan premix, based on German flax. Just add oil and water, no further emulsifiers, stabilizers, starches or spices are necessary.























It is fully natural and sustainable as it uses by-products *#OnePartnerOneResponsibility*. **HarkeGreen Mayo Mix** forms a perfect emulsion starting from 10% up to 67% oil content, and is E-Number and soy-free. Besides replacing the egg with **HarkeGreen Mayo Mix** it also brings a cost advantage, as well as an uncooled shelf-life up to 18 months of the final mayonnaise.

Taste it...  
**HarkeGreen Mayo Mix**  
will convince you!



## HARKE PRODUCTS

### HarkeGreen

- HarkeGreen AppleFibre 
- HarkeGreen Beetroot Flour 
- HarkeGreen Burger Binding System 
- HarkeGreen Burger Blend Italy Style
- HarkeGreen Carrot Flour orange 
- HarkeGreen Carrot Flour paleorange 
- HarkeGreen Fava Flour 30
- HarkeGreen Fava Protein 50
- HarkeGreen FavaFlour25
- HarkeGreen FlaxFlour BR FM HA 
- HarkeGreen FlaxFlour BR FM 
- HarkeGreen FlaxFlour BR UFM 
- HarkeGreen FlaxFlour coars 
- HarkeGreen FlaxFlour FM HA 
- HarkeGreen FlaxFlour FM low micro 
- HarkeGreen FlaxFlour FM 
- HarkeGreen FlaxFlour UFM 
- HarkeGreen Hemp Protein 50 EU 
- HarkeGreen Kale Flour
- HarkeGreen Oat 23 
- HarkeGreen Oat 32 
- HarkeGreen Oat 85 
- HarkeGreen Pea Protein 55 
- HarkeGreen Pumpkin seed Protein 60, roasted AT 
- HarkeGreen Pumpkin seed Protein, 65 AT 
- HarkeGreen Sunflower Protein 45% 
- HarkeGreen Sunflower Protein 53 EU 


### HarkePlus®

- HarkePlus® Burger Tex Blend Meaty
- HarkePlus® Burger Tex Blend Smok Meaty
- HarkePlus® Color Red
- HarkePlus® GF Pizza Mix
- HarkePlus® Guar Gum SXL
- HarkePlus® NP100 – Fermented Onion Extract
- HarkePlus® Purewhite – Titanium Dioxid Replacer



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DE-ÖKO-039  
EU/Non-EU Agriculture

