



**friedrich ingredients**

FLAVOUR & FUNCTION FOR YOUR SUCCESS

06. May 2024

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Did you know that you can order **samples** right here online? It is easy and only takes a few minutes. After we have received your sample order, we are getting in touch with you to discuss shipping and possible documentation needed for your clearing.

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Our **library of production recipes** is available to all visitors without prior registration or log-in. Many recipes are at your disposal in convenient MS Excel® format that allows you to change the total recipe weight according to your individual batch.

**Shipping** is done by sea freight, air freight and ups® worldwide service at preferred rates. We organize the transport to your nearest port unless you prefer to pick-up the goods from our warehouse in Hamburg.

We do not believe in **minimum order quantities**. 1 unit can be ordered from every item in our webshop, unless clearly specified.

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Sincerely,

**friedrich ingredients gmbh**

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Your category **Binders & Texture Improvers**

**11.016 AGAGEL® 400** **from 13.40 €/kg**

*Complete System for Emulsions and Cooked Meats*

Complete functional system for emulsions and cured, cooked meat products (red and white) requiring extra yield, e.g. pizza ham, QSR meat and meat for ready meals. No flavour added. For more tenderness and extra yield of 20-80%.



Stabilizers [E 451, E 450], soy protein, thickening agent [E 407a]processed eucheama seaweed, dextrose (maize dextrose), salt, glycosyl syrup (maize glucose syrup).

MOQ may apply

40 g/kg [4 %] finished product for use in brines  
10 g/kg [1 %] total recipe weight for use in sausage  
Recipes with Brine Calculator

1 kg	14.70 €/kg
50 kg	14.70 €/kg
100 kg	14.20 €/kg
200 kg	13.95 €/kg
500 kg	13.70 €/kg
1000 kg	13.60 €/kg
2000 kg	13.50 €/kg
5000 kg	13.40 €/kg

bags @ 25 kg

**11.026 AGAGEL® 600** **from 9.90 €/kg**

*Functional Compound for Emulsions*

This functional compound was developed for making fat-water emulsions. Fat-water emulsions are usually added to sausages recipes in competitive markets.

Allows making of emulsions of up to 1:20:20 (AGAGEL® 600 : water : fat)



Thickener ([E 401] sodium alginate, [E 466] sodium carboxymethyl cellulose, [E 415] xanthan, [E 412] guar gum), stabiliser ([E 516] calcium sulphate, [E 450] diphosphate), dextrose, wheat starch.

2.5-3.5%, depending on desired viscosity (firmness).  
1:15:15 for an emulsion made from vegetable oil  
1:20:20 for an emulsion made from chicken skin.

MOQ:

none, item is always in stock.

1 kg	11.20 €/kg
25 kg	11.20 €/kg
100 kg	10.70 €/kg
200 kg	10.45 €/kg
500 kg	10.20 €/kg
1000 kg	10.10 €/kg
2000 kg	10.00 €/kg
5000 kg	9.90 €/kg

bags @ 25 kg



# Your category **Binders & Texture Improvers**

## 11.151 **FibreMaxx EF 200**

**from 3.20 €/kg**

*Pea fibre for food applications*

Medium-sized pea fibre for use as dietary fibre addition. Use also to add texture to processed meat products, such as burgers and sausages.

Improves texture and serves as a fat replacer. Flavour neutral.

Pea fibre (clean label - no E-number declaration needed)

use as desired or according to recipe.

Packaging details:

pallets à 50 bags = 600 kg = MOQ

bags @ 12 kg



1 kg	3.70 €/kg
12 kg	3.70 €/kg
600 kg	3.60 €/kg
1200 kg	3.50 €/kg
2400 kg	3.40 €/kg
6600 kg	3.30 €/kg
14400 kg	3.20 €/kg

## 11.153 **FibreMaxx EF 60**

**from 3.20 €/kg**

*Pea fibre for food applications*

Small-sized pea fibre for use as dietary fibre addition. Especially suitable in brines for cured meats. Improves texture, yield and serves as a fat replacer.

Pea fibre (clean label - no E-number declaration needed)

Use according to recipe; we recommend 5-10 g/kg [0.5-1%] in brines.

FibreMaxx EF 60 can be used in modern injectors due to its short fibre length.

Packaging details:

pallets à 24 bags = 600 kg = MOQ

bags @ 25 kg



1 kg	3.70 €/kg
25 kg	3.70 €/kg
750 kg	3.60 €/kg
1500 kg	3.50 €/kg
3000 kg	3.40 €/kg
8250 kg	3.30 €/kg
17250 kg	3.20 €/kg

## 11.055 **FibreMaxx WF 200**

**from 3.35 €/kg**

*Wheat fibre texture improver 200 µm fibre length*

Fine textured dietary fibre made from wheat. Especially suitable for whole meat product applications, but also for sausages, burgers and meat chunks. Improves texture and yield. Serves as a fat replacer.





## Your category **Binders & Texture Improvers**

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**11.055 FibreMaxx WF 200 (continued) from 3.35 €/kg**

*Wheat fibre texture improver 200 µm fibre length*

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Wheat fibre.

GMO-free. 5 years shelf life

Use according to recipe; we recommend 1-3% in sausages and meat products.

Packaging details:

pallets à 33 bags = 495 kg = MOQ

bags @ 15 kg

pallets @ 495 kg

1 kg	3.85 €/kg
15 kg	3.85 €/kg
495 kg	3.75 €/kg
990 kg	3.65 €/kg
1980 kg	3.55 €/kg
5445 kg	3.45 €/kg
11385 kg	3.35 €/kg

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**11.162 FibreMaxx WF 300 from 2.90 €/kg**

*Wheat fibre texture improver 300 µm fibre length*

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Fine textured dietary fibre made from wheat. Especially suitable for whole meat product applications, but also for sausages, burgers and meat chunks. Improves texture and yield. Serves as a fat replacer.

Wheat fibre.

GMO-free. 5 years shelf life

Use according to recipe; we recommend 1-3% in sausages and meat products.

Packaging details:

pallets à 39 bags = 390 kg = MOQ

bags @ 10 kg

pallets @ 390 kg



1 kg	3.40 €/kg
10 kg	3.40 €/kg
500 kg	3.30 €/kg
1000 kg	3.20 €/kg
2000 kg	3.10 €/kg
5500 kg	3.00 €/kg
11500 kg	2.90 €/kg

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**11.069 FibreMaxx WF 90 from 3.50 €/kg**

*Wheat fibre texture improver 90 µm fibre length*

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Fine textured dietary fibre made from wheat. Especially suitable in brines for cured meats. Improves texture, yield and serves as a fat replacer.

Wheat fibre.

GMO-free. 5 years shelf life





# Your category **Binders & Texture Improvers**

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**11.069 FibreMaxx WF 90 (continued) from 3.50 €/kg**

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*Wheat fibre texture improver 90 µm fibre length*

Use according to recipe; we recommend 5-10 g/kg [0.5-1%] in brines.

FibreMaxx WF 90 can be used in modern injectors due to its short fibre length.

Packaging details:

pallets à 30 bags = 600 kg = MOQ

bags @ 20 kg

1 kg	4.00 €/kg
15 kg	4.00 €/kg
600 kg	3.90 €/kg
1200 kg	3.80 €/kg
2400 kg	3.70 €/kg
6600 kg	3.60 €/kg
13800 kg	3.50 €/kg

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**11.031 Meister Kut 88 from 3.00 €/kg**

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*Sausage and meat phosphate pH 8.8*

Combination of polyphosphates. Contains high percentage [85 %] of pyrophosphate, which results into optimum water binding, good colour development, and best spoilage protection.

Sodium diphosphate [E 450], Sodium triphosphate [E 451].

PRICES SUBJECT TO CONFIRMATION - PRICES AND AVAILABILITY MAY CHANGE WITHOUT NOTICE DUE TO CURRENT SHORTAGE.

MOQ may apply

3-5 g/kg meat and fat [without water/ice content].

Packaging details:

pallets à 40 bags = 1,000 kg = MOQ

Choose item Meister Kut NC for smaller quantities.

bags @ 25 kg



1 kg	3.50 €/kg
25 kg	3.50 €/kg
1000 kg	3.20 €/kg
2000 kg	3.15 €/kg
4000 kg	3.10 €/kg
11000 kg	3.05 €/kg
23000 kg	3.00 €/kg

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**50.018 Meister Kut NC from 11.40 €/kg**

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*Sausage and meat phosphate*

Sausage and meat phosphate for optimum water binding of cooked sausages with no colour development. Use for Grill Sausage products, such as Bratwurst, White Sausage, Chipolata etc.

Stabiliser [E 450], dextrose.





# Your category **Binders & Texture Improvers**

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**50.018 Meister Kut NC (continued) from 11.40 €/kg**

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*Sausage and meat phosphate*

3 g/kg meat and fat [without water/ice content].  
MOQ may apply

bags @ 10 kg

1 kg	11.90 €/kg
100 kg	11.80 €/kg
200 kg	11.70 €/kg
500 kg	11.60 €/kg
1000 kg	11.50 €/kg
1500 kg	11.40 €/kg

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**50.011 Meister KutMaxx from 9.05 €/kg**

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*Sausage binder and colour stabilizer*

The standard sausage binder and stabilizer providing long-term colour development. Optimum amounts of Ascorbic Acid/Sodium Ascorbate for best results.

Stabiliser [E 450], dextrose, maltodextrin, salt, antioxidant [E 315, E 316], acidifier [E 330], spice extract, separating agent [E 551], rape oil.

5 g/kg total recipe weight [0.5 %].  
Content of each sachet is good for 500 kg sausage.  
MOQ may apply  
Choose MOQ-free alternative Meister Kut Pro

sachets @ 2.5 kg



1 kg	12.10 €/kg
20 kg	11.45 €/kg
100 kg	10.85 €/kg
200 kg	10.25 €/kg
500 kg	9.65 €/kg
1000 kg	9.05 €/kg

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**11.002 Potato Starch Superior from 1.35 €/kg**

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*Native potato starch, made in EU*

Native potato starch, made from firm potatoes. Superior quality. For binding of emulsions and as a meat substitute. For soups, sauces, canned foods and ready meals. For potato products, snacks [crisps, chips] and flour foods.

Potato starch.  
PRICES AND AVAILABILITY MAY CHANGE WITHOUT NOTICE DUE TO CURRENT SHORTAGE OF SUPPLY.

Use as desired and according to recipe.  
Packaging details:  
pallets à 40 bags = 1,000 kg  
20' container fcl = 11,000 kg  
40' container fcl = 23,000 kg  
MOQ may apply





Your category

## Binders & Texture Improvers

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**11.002 Potato Starch Superior (continued) from 1.35 €/kg**

*Native potato starch, made in EU*

bags @ 25 kg

1 kg	2.20 €/kg
1000 kg	1.90 €/kg
5000 kg	1.60 €/kg
11000 kg	1.55 €/kg
23000 kg	1.35 €/kg

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**11.062 Sodium Tripolyphosphate from 2.15 €/kg**

*Food Additive [E 451]*

Mono phosphate for use in food products as stabilizer and binding agent.

Sodium Tripolyphosphate.

PRICES AND AVAILABILITY MAY CHANGE WITHOUT NOTICE DUE TO POSSIBLE SHORTAGE OF SUPPLY.

3 g/kg

ADI [Acceptable Daily Intake]: 0-70 mg/kg body weight.

Packaging details:

pallets à 40 bags = 1,000 kg = MOQ

bags @ 25 kg



1 kg	2.45 €/kg
1000 kg	2.45 €/kg
2000 kg	2.35 €/kg
5000 kg	2.25 €/kg
10000 kg	2.15 €/kg