

# INDUSTRIAL MARKET



Natural Ingredients. Smart Solutions.

**sonac**

**DARLING**  
INGREDIENTS

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## VALUABLE INGREDIENTS

Sonac processes raw material of animal origin into valuable and essential ingredients like fats and specialties for various industrial and technical applications. Keywords for Sonac ingredients are:

- Natural
- Recyclable
- Sustainable

## ANIMAL FATS

Technical characteristics of animal fats make it versatile. Animal fats are an excellent ingredient for the production of rolling oils. Further animal fat is a valuable ingredient for the oleo-chemical industry and also for the production of renewable fuel and bio-energy. Sonac offers a complete range of animal fats.

## ANIMAL PROTEINS

Technical Gelatin is an excellent ingredient for natural adhesives and the paper industry as it is 100% recyclable. With our organic glues you contribute to environmental sustainability. For optimising the copper electrolysis process it is an essential ingredient to get a homogeneous structure on the cathode. Plaster-Bind Plus is a binding and retarding agent, especially developed for wall and ceiling plasters. It is a fine powder that forms a perfect mix by dry blending with other plaster ingredients.



## MINERALS

Sonac bone ash, produced according to strict customer specifications, is used for the world's most exclusive fine bone china. Our Bone Ash MC is especially developed for the non-ferrous metals casting industry as coating and release agent. It doubles working life of launders, moulds and equipment.



## PRODUCTS

### FATS

	Max FFA (%)	Max Peroxide (meq/kg)	Specific characteristics
<b>Pork fat</b>	1% / 2%	3 / 5	Ingredient for oil for rolling mills, used by oleo-chemical industry: chemical products, soaps, cosmetics
<b>Pork fat</b>	5%	6	Ingredient for oil for rolling mills, used by oleo-chemical industry and for bio-energy
<b>Sonac fat</b>	15%	6	Used by oleo-chemical industry and for bio-energy
<b>Tallow</b>	2% / 5%	4	Ingredient for soap, used by oleo-chemical industry and for bio-energy

### PROTEINS

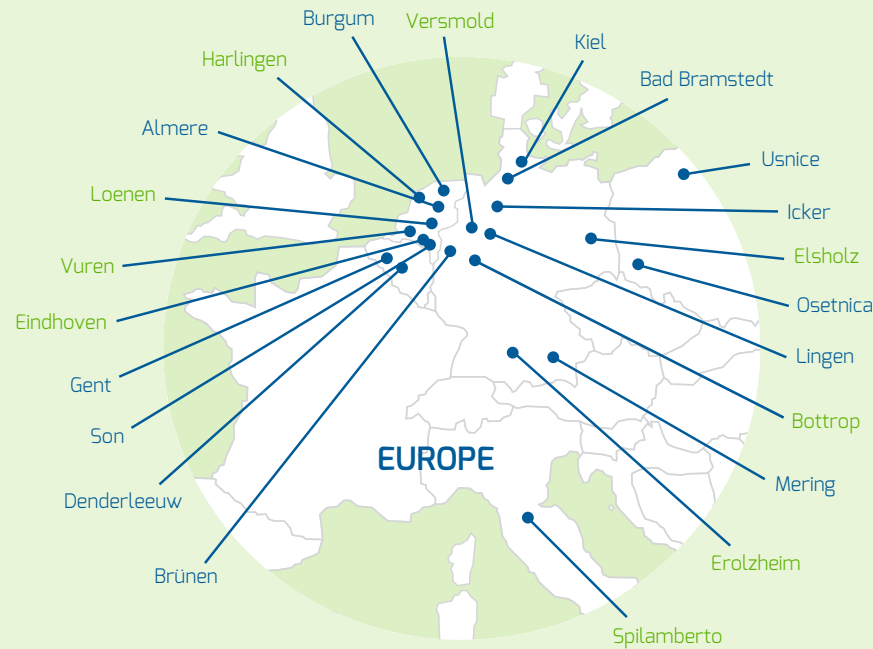
	Crude protein (%)	Characteristics	Specific characteristics
<b>Technical gelatin (Bone glue)</b>	85%	65 – 300 blgr 3.5 – 10 mPa.s	Ingredient for adhesives, paper industry, copper electrolysis, rubber rollers, leather industry, production of ammunition, matches
<b>Plaster-Bind Plus</b>	85%	100 mesh 10 – 15% moisture	Binding and retarding agent, especially developed for wall and ceiling plasters
<b>Hemoglobin powder</b>	92%	spray dried excellent solubility	Used by the wood and concrete industry, as foaming agent for adhesives

### MINERALS

	Finess	Ca (%) / P (%)	Applications
<b>Bone ash MC</b>	325 mesh	39% / 17,5%	Used by aluminium and copper foundry industry as launder and mould protector and as easy-release agent
<b>Bone ash</b>	20 mesh	39% / 17,5%	Ceramics, fine bone china
<b>Dicalcium phosphate</b>	100 mesh	23% / 17%	Filler, tiles, paint

# SONAC LOCATIONS

Petfood/feed grade  
Food grade



For more information about our specialties, please contact our advisors:

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Sonac is a leading manufacturer of reliable ingredients of animal origin. With an active R&D program, reliable processes and sustainable end products Sonac continuously adjusts to market needs. A good geographical spread of locations and a broad portfolio of fats, proteins, minerals and specialties make Sonac a trusted partner for many international producers in food, pet food, feed and fertilizers, worldwide. Sonac is part of Darling Ingredients.



For more information about our products please contact us:

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