Aquafeed portfolio

Optimal growth and health for aquatic species



Natural and sustainable feed ingredients

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sonac
by Darling Ingredients



Sonac processes raw materials of animal origin into valuable and essential ingredients like proteins, oils, minerals and specialties for applications in aquafeed. Having a global footprint, Sonac supplies ingredients to all major aquaculture regions in the world. Looking back on years of cooperation with the aquafeed industry, Sonac offers to be your partner in the safe sourcing of ingredients.

NUTRITIONAL INGREDIENTS

Many commercial aquatic species ask for feeds concentrated in protein and energy.

- Ingredients such as blood meal and feather meal contain up to +90% of protein and offer flexibility to formulators.
- Poultry and pork meals combine a balanced amino acid profile with inclusion of oil and digestible phosphorous fractions.
- Poultry oil is a locally available alternative to internationally traded vegetable oils.
- Bone phosphates offer a renewable alternative to rock phosphates.

Working with the international aquafeed industry, Sonac is familiar with important quality parameters such as protein digestibility and sourcing traceability.

TECHNO- AND BIO-FUNCTIONAL INGREDIENTS

Next to nutritional value, some ingredients of animal origin offer added functionality.

- Pro-Bind Plus® is a collagen-based pellet binder offering a natural alternative to synthetic binders.
- Enzymatically hydrolyzed proteins such as MucoPro®, Hydro-P Premium and Gelko are water soluble and act as attractants for bottom dwellers such as shrimp.
- More recently, the positive effects of Proglobulin® – a blood protein – have been demonstrated in young, stressed fish. Proglobulin supports gut health and has immunomodulating properties, increasing feed intake and decreasing mortality in juveniles.

Nutritional ingredients

Proteins	Remarks
Poultry meal	63-68% protein
Poultry MBM	50% protein
Feather meal	Thermally hydrolyzed
Poultry blood meal	Concentrate of essential amino acids
Pork meal	50-60% protein
Pork hemoglobin powder	Spray-dried red blood cells
Beef MBM	42-50% protein
Beef blood meal	Concentrate of essential amino acids
Beef hemoglobin powder	Spray-dried red blood cells

Oils	Remarks
Poultry oil	Source of unsaturated fatty acids

Minerals	Remarks
Delfos	Renewable source of P (bone origin)
Collaphos	Renewable source of P (bone origin)

Techno-functional ingredients

Product	Remarks
Pro-Bind Plus®	Natural pellet binder based on collagen
Gelko	Hydrolyzed protein - pallatant
MucoPro®	Hydrolyzed protein - pallatant
Hydro-P Premium	Hydrolyzed protein - pallatant
MPI	Hydrolyzed protein - pallatant

Bio-functional ingredients

Product	Remarks
Proglobulin®	Supports gut health during critical life cycle phases

Sonac supports you in achieving your ESG goals

Sonac is part of Darling Ingredients, a player with a global footprint and a key role in the animal husbandry industry. Darling Ingredients has committed to Science Based Targets, taking up our role as industry leader and working towards mitigation of climate change. We believe Sonac ingredients, which are locally sourced out of co-products from meat and dairy, can contribute to a more renewable aquaculture industry. Sonac invites you to investigate how together we can achieve this goal.

SONAC OFFERS FOR OUR CUSTOMERS:

- Wide range of animal derived ingredients with unique properties
- Worldwide technical support from formulation to finished product
- In-depth product training

Creating high-quality aquafeed starts with the highest-quality ingredients

Our ingredients meet the specific needs of the aquaculture market and help ensure optimal growth and health for aquatic species.

To learn more about our aquafeed email us at **info@sonac.biz**

Contact details

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Our unique size and scale allow us to help make entire industries less wasteful and more sustainable, while delivering the quality, innovative ingredients our customers expect. Our processing plants and sales offices in Australia, Belgium, China, Germany, Italy, The Netherlands (HQ), Poland, Singapore and the United States serve customers around the world.

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