

ACAT IRON ALUMINUM MIXTURES For Various Applications



ACAT not only supplies polymers and machines for industrial and municipal sewage treatment plants – but also iron- and aluminium-containing mixed products.

The AluStar® products are well known for their lasting effect. For three years now we have been specializing in metal salt mixing products. We combine the properties of iron II, iron III and aluminium to a very effective aid for the treatment of wastewater. Our standard products are called AluStar® 4020, AluStar® 4050 and AluStar® 4060. The products are very different and they are ideal for the precipitation of phosphates and for the control of H₂S. We are pleased to produce another product for your individual requirements.

ALUSTAR® 4020

- Precipitation of phosphates, pre- or simultaneous precipitation

- Prevention of the formation of H₂S
- Formation of stable flakes
- Improvement of the settling properties in the secondary clarification
- Prevention of bulking and floating sludge
- Optimisation of biological wastewater treatment
- Elimination of turbidity in the supernatant
- Reduction of total undissolved substances at the outlet of the treatment plant

ALUSTAR® 4050

- Precipitation of the phosphates, pre- or simultaneous precipitation
- Prevention of the formation of H₂S
- Prevention of bulking and floating sludge
- Stable flocculation
- Conditioning of sludge
- Control of filamentous bacteria
- Due to the high aluminum content this product is especially suitable in winter

ACAT IRON ALUMINUM MIXTURES For Various Applications

ALUSTAR® 4060

- Precipitation of the phosphates, pre- or simultaneous precipitation
- Prevention of the formation of H₂S
- Acute and preventive treatment of bulking and floating sludge
- Improvement of the sedimentation properties and reduction of sludge volume index
- Control of filamentous bacteria

The above-mentioned characteristics of our products should help you to choose the suitable product and of course we are happy to advise you on site.