

***Applied Chemicals International Group***  
*Technical Service is our Success*

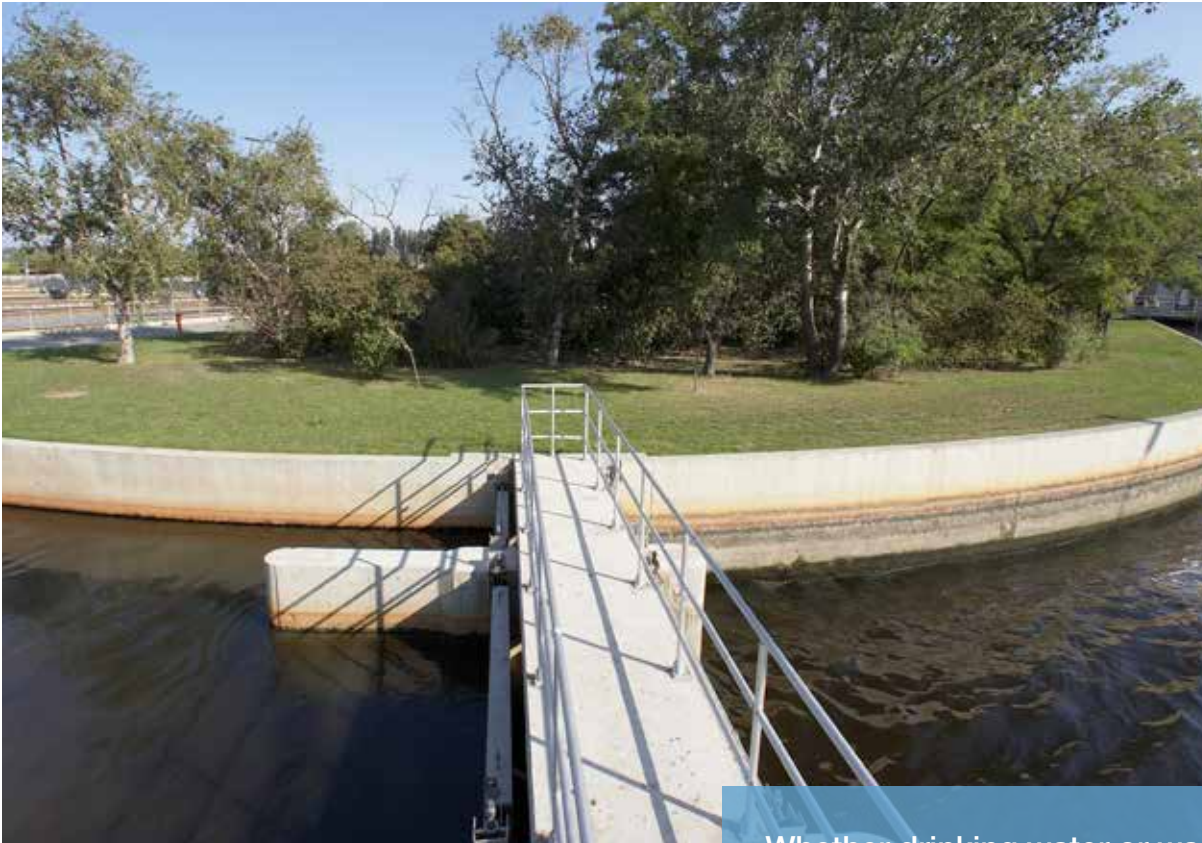


**Fine chemicals and specialty products**  
for drinking water, wastewater and sludge treatment

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# Fine Chemicals and Specialty Products



Whether drinking water or wastewater treatment - we provide all the usual fine chemicals as well as specialty products along with the associated expert knowledge ensuring the correct application.

## Flocculants and Coagulants

**Solid-liquid separation in the treatment of municipal and industrial wastewater and sludge**

Our highly effective synthetic flocculants are water-soluble polymers with a high molecular weight. A wide range of molecular weights and charges ensures flocculation even with different media. Our products are available in solid, liquid and dispersion form.



## Ferric and Aluminium Salts

**Phosphate elimination and improving cleaning performance**

Precipitants such as iron and aluminium salts can be used everywhere to treat water, whether it be drinking water, process water, or industrial water:

- Phosphate elimination
- Bulking sludge reduction
- Sludge conditioning
- Hydrogen sulfide elimination
- Load reduction

## Defoamers and Deaerators

### Preventing foaming in wastewater and sludge treatment

While the antifoaming agent ensures that bubbles are destabilized at the surface and burst, the deaerator combines gas particles into bubbles, which then rise to the surface and are eliminated that way. The desired efficiency can be attained through the individual composition of our products - we will gladly advise you what is best for your specific application.

## Specialty Products

### Greatest choice with the highest quality

We have an extensive range of products for you that can be used in all areas of municipal and industrial wastewater treatment:

- Biochemical products to support and enhance biological wastewater treatments
- Adsorbents for purifying industrial waste waters, alone or in combination with flocculants
- Flotation aid for better separation of particles or solids
- Products for cooling, boiler, and condensate systems
- Scale inhibitors to prevent or remove deposits in pipes
- Highly effective cleaning agents for industrial use



## Polymer Conditioning & Dosing Systems

### Virtually maintenance free and for every application

You can rely on over 20 years of experience in the development of solvents, dosing, and control systems. Regardless of the size and application range - we support you during the configuration, optimization and implementation phase, as well as during commissioning. We guarantee a successful integration into your existing process control systems.

## Odour Control

### Odour control and prevention of corrosion

Whether canal system, pump station, landfill, sewage or chemical operation and for any kind of odour - no matter how strong and regardless of the intended application location - we have the right system for you.

- Mixed mist system - the finest atomization of essential oils
- Dosing of calcium and iron nitrates to maintain aerobic culture in canal systems
- Microbiological systems



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