

Applied Chemicals International Group
Technical Service is our Success



Chemicals and minerals

for the production of high quality paper, board and pulp quality, including preparation and dosing

paper [] tech

acat.com



Everything for the paper, cardboard and pulp industry



Choose from our extensive range of highly effective chemicals and minerals, innovative treatment and dosing equipment, and professional services in the field of paper technology.

Dry Strengths Products

Targeted optimization for strength and runability

Benefit from our patent-pending technology to meet the ever increasing demands in the paper production industry. Our products guarantee you the following:

- Increased dry strength
- Fewer breaks
- Higher speeds
- Increased filler content for graphic paper



Fixing Agents and Coagulants

Large variety of organic and inorganic coagulants and fixatives

When it comes to detecting, monitoring, and treating stickies, resin, and white pitch deposits, we support you with our specially developed analysis method ACAT Pitch Counter (APC). We also offer a wide range of effective products for:

- Stickies reduction in systems containing recovered paper
- Resin control in wood-containing systems and pulp mills
- White pitch treatment in painted scrap and waste, paint shop wastewater
- Circuit water cleaning, sizing agent, COD reduction, sludge preconditioning

Bentonites

Highly effective and suitable for a variety of applications

Choose from a wide range of bentonites for all applications. We gladly help you with the specific selection through laboratory testing and our unique method of analysis, the ACAT Pitch Counter (APC).

Retention Aid Systems

Successfully used with the largest and fastest paper machines in the world

The demand for chemicals is particularly high in the paper industry. Our products deliver high-end micro-particle systems with optimal properties in terms of formation, sheet formation, retention and dewatering. In addition, we offer optimized methods for each paper grade or quality that meet the highest standards of performance and runability.

Flocculants

Developed specially for solid-liquid separation

Use our highly effective synthetic flocculants, which cover a wide range of molecular weights and charges. Available in solid, liquid and dispersion form.

Defoamers and Deaerators

Foam control in paper and pulp production

Here you will find a wide selection of defoamers for the wet-end section as well as for use in coating colors and glue baths. We gladly support you in selecting optimal products for your purposes through laboratory testing.

Specialty Products

We have an „open ear“ for special requests

If you need products for specific applications in addition to our standard program, then you also have come to the right place. We offer an extensive range of products excellent for use in all areas of municipal and industrial wastewater treatment as well as paper and cardboard production.

Machinery and Equipment

For powder and liquid polymers as well as minerals

According to your specific requirements and internal standards, we develop virtually maintenance-free solvent and dosing stations for you. You may prepare any desired batch concentration and monitor it online as well when treating polymers or mineral slurries such as bentonite, guar, and others. The product is stored either in bulk bags (bigbags) or silos.



Odour Control Aids

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

acat.com

your global partner for better solutions

ACAT International Group
Neubadstrasse 7
CH - 4054 Basle
Switzerland
T +41 61 282 82 82
international@acat.com



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Pictures: Petra Spiola

Applied Chemicals International Group

Applied Chemicals International Group AG
Neubadstrasse 7
CH-4054 Basle
Switzerland

T +41 61 282 82 82
international@acat.com

Applied Chemicals International AG
Neubadstrasse 7
CH-4054 Basle
Switzerland

T +41 61 282 82 82
international@acat.com

Applied Chemicals Switzerland

Applied Chemicals Schweiz GmbH
Neubadstrasse 7
CH-4054 Basle
Switzerland

T +41 61 282 82 80
office-basel@acat.com

Applied Chemicals Austria

Applied Chemicals Handels-GmbH
Wolfgang Pauli-Gasse 3
A-1147 Vienna
Austria

T +43 1 979 3473 0
office-wien@acat.com

Technic & Production Center
Wertheimgasse 1
A-3270 Scheibbs
Austria

T +43 1 979 3473 14063
office-scheibbs@acat.com

Applied Chemicals Germany

Applied Chemicals Anwendungstechnik
(Deutschland) GmbH
Wallbrunnstraße 24
DE-79539 Lörrach
Germany

T +49 7621 1543 70098
office-loerrach@acat.com

Applied Chemicals Hungary

ACAT Alkalmazástechnika Kft
Budaörsi út 165. II/1.
HU-1112 Budapest
Hungary

T +36 1 224 0322
office-budapest@acat.com

Applied Chemicals Italy

Applied Chemicals International
AG, Milan Branch
Viale A. Doria 42
I-20124 Milan
Italy

T +39 02 870430 12
office-milano@acat.com

Applied Chemicals South Africa

Applied Chemicals Application
Technology ZA (PTY) Ltd
207 Plantations, 47 Shongweni Rd
ZA-3610 Hillcrest
South Africa

T +27 31 765 5096
office-durban@acat.com

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